KIIT SUSTAINABLE DEVELOPMENT

REPORT 2022

Kalinga Institute of Industrial Technology (KIIT)

Deemed to be University U/S 3 of UGC Act, 1956

INDEX

Introduction

Kalinga Institute of Industrial Technology (KIIT) Deemed to be University, Bhubaneswar has evolved into a multi-disciplinary Institution, respected worldwide for its culture of educational excellence. More than 24,000 students from all over the country and from over 65 countries have enrolled for graduate, post-graduate, doctoral, and post-doctoral studies in a wide range of disciplines.

KIIT integrates education with human values through a clearly laid policy to ensure equity and inclusion. The excellent academic ambience, quality faculty, adherence to strict academic rigor, and plethora of other academic activities led to the grant of Deemed University status under Section 3 of UGC Act 1956 to the institute by the Ministry of Human Resource Development (MHRD), Govt. of India in 2004, within just six years of its inception. KIIT is also accredited in high grades by various national and international accreditation bodies. It was conferred 'A' category University status in 2014 by the MHRD, Govt. of India. It has been getting the highest 'A++' Grade from the National Assessment and Accreditation Council (NAAC), the country's top accreditation body for higher education institutions. B.Tech programmes have got the coveted Institution of Engineering and Technology (IET), UK accreditation, besides 'Tier 1' (Washington Accord) from the National Board of Accreditation (NBA). Furthermore, all engineering programs are accreditated by ABET (USA).

KIIT comprises 24 constituent faculty-specific campuses imparting cutting-edge skills and knowledge to the students pursuing bachelor's, master's, and doctoral degree programmes in 200+ disciplines, spanning engineering, medicine, management, biotechnology, law, architecture, arts, commerce, fashion technology, media sciences, yoga and more. The world-class infrastructure and facilities of KIIT are set in a beautiful solar-enabled green and eco-friendly ambiance. The University has taken steps to provide impetus to research and development activity – both by faculty and the students. Several research and development (R&D) projects are currently underway supported by the various national and international agencies. Similarly, students' projects have won high appreciation at all levels.

The institute's strong focus on research and academic collaborations has been drawing academics and scholars from around the world and has led it to alliance with over 200 globally reputed institutions abroad and membership in many national and international educational associations and bodies like International Association of Universities (IAU), Association of Indian Universities (AIU), Association of Commonwealth Universities (ACU), University Mobility of Asia and the Pacific (UMAP), Eurasian Silk Road Universities Consortium (ESRUC), United Nations Academic Impact (UNAI), Asia-Pacific Academic Consortium for Public Health, Talloires Network of Engaged Universities, Indian Science Congress Association, etc.

Vision

To create advanced centers of professional learning of international standing where pursuit of knowledge and excellence shall reign supreme, unfettered by the barriers of nationality, language, cultural plurality and religion.

Mission

- To impart quality professional education of international standard and imbibe skill for solving real life problems.
- To inculcate national/global perspective in attitude.
- To create leadership qualities with futuristic vision.
- To foster spirit of entrepreneurship, and realization of societal responsibilities.
- To cultivate adaptation of ethics, morality and healthy practices in professional life.
- To instill habit of continual learning.
- To bring about total personality development and create conscientious and responsible world citizens.
- To encourage and support creative abilities and research temperament.
- To establish and promote close interaction with industry and other utility sectors and keep abreast with state-of-the-art technology

Quality Policy

"KIIT University is committed to imparting Quality Education and skill sets based on Ethical practices and develop students into responsible Citizens and Excellent Professionals for attaining personal, organizational and social goals. The University's Management shall regularly monitor and review its performance and strive for continuous improvement and adaptation

by implementing a Quality Management System".

Quality and Excellence

The University perceives quality and excellence in two fronts: Academic and Administrative. In the academic front, priority has always been to provide the best resources as well as regular updating of syllabi. Laboratory resources are constantly upgraded along with its equipment to keep abreast of the latest research. An intellectually stimulating environment in terms of space is provided to the academic community.

Quality improvement programme of faculty are encouraged - all faculty members attend Faculty Development Programme (FDP) and other staff development initiatives.In the administrative front, modern practices of e-governance, automation are being pursued. KIIT has stronginitiatives in e-governance, though pursued as disjoint entities in student admissions, examinations and pay-roll.

The Technology Business Incubator (TBI) has been established with the view to serve as an Incubator for potential entrepreneurs. It serves as a focal point for entrepreneur development, patent support, etc.

Major achievement(s) during the past years

➢ Institution of Eminence tag by Ministry of Human Resources Development, Government of India in 2019.

➢ Conferred Category 'A' status by Ministry of Human Resources Development, Government of India in 2014.

➢ Accredited in grade A++ by NAAC in 2022, India.

➢ Undergraduate Engineering programmes accredited by the Institution of Engineering & Technology (IET),UK and by National Board of Accreditation(NBA) Tier-1 under Washington Accord.

➢ All engineering programs accreditated by ABET (USA)

➢ Ranked (601-800) in Times Higher Education World University Ranking 2023.

➢ Conferred with the 13th Quality Council of India 2020 - DL Shah Quality Silver Award for implementation of SAP in the University.

➢ Awarded with the Utkrisht Sansthan Vishwakarma Award-2020 for post COVID-19 redevelopment / rehabilitation plan.

➢ Awarded Workplace of the year Award 2020 by Times Higher Education, for its unstinting commitment to its staff and students.

➢ KIIT became the first Indian University to get Internationalization Strategies Advisory Service (ISAS) Badge during International Associations of University (IAU) 2019 International Conference on "Transforming Higher Education for the Future" at Puebla, Mexico on November 13-15, 2019.

➢ Won Times Higher Education Award Asia 2021 in the catogory of "Leadership and Management Team of the Year".

➢ Ranked 20th among Universities in India in NIRF ranking 2022.

➢ Conferred with Rashtriya Khel Protsahan Puruskar 2022 from the Hon'ble President of India Draupadi Murmu.

➢ Received Odisha State Energy Conservation Award, 2022

➢ Adjudged best University for Promotion of Sports at Sportstar Aces 2022.

➢ KIIT-KISS Won Prestigious UNESCO International Literacy Prize 2022

➢ Ranked (201-300) in THE Impact Ranking 2023.

➢ Ranked 17th in Reduced inequalities (SDG - 10)in THE Impact Ranking 2023.

➢ Ranked 101-200 for strengthening partnerships for the goals SDG 17 in THE Impact Ranking 2023.

➢ Ranked 201-300 for Quality Education for the goals SDG 4 as well as Peace, Justice and Strong Institutions for the goals SDG 16.

➢ Ranked No 1 among the Private Higher Education Indian Universities by Atal Ranking of Institutions on Innovation Achievements (ARIIA)-2021 by the Ministry of Human Resource Development, Government of India.

➢ Won AICTE Lilavati Award 2021-22 for Women Empowerment.

Activities and Initiatives undertaken by KIIT during COVID-19 Pandemic

During the COVID-19 Pandemic in the State of Odisha,India, KIIT has established numerous health care and community programmes. Below is a brief description of the major activities and initiatives:

Health Care:

Establishment of 4 specialized COVID-19 hospitals with total bed number of 1050 in the City of Bhubaneswar and in the districts of Balangir, Mayurbhanj and Kandhamal along withquarantine centers and isolation facilities. The COVID speciality hospital at Kalinga Institute ofMedical Sciences (KIMS, the medical unit KIIT) is the first standalone COVID hospital in Odisha. These hospitals provide free of cost treatment to the COVID affected, with support from the Odisha Mining Corporation and Government of Odisha. 1,50,000+ COVID patients have been successfully treated and discharged from the COVID -19 hospitals.
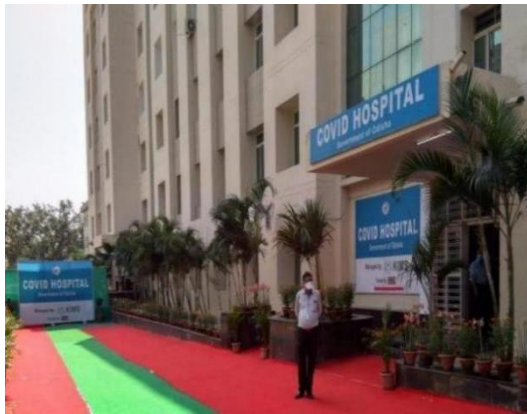

Fig. 1: Covid Hospital at KIIT campus

The dedicated COVID Hospital managed by Kalinga Institute of Medical Sciences (KIMS) has treated numerous Covid-19 patients so far during thepandemic. Most of these patients do come for routine check-up after discharge. Some of these patients persist tohave weakness, general fatigue, breathlessness, body pain and joint pain even after a few months of discharge. Most of these patients are elderly and have residual lung and kidney injury and inflammation lasting for a long time. KIMS Hospital has opened a Specialty Clinic in its OPD complex to cater to such patients suffering from post-COVID syndrome. Senior

Specialists of Internal Medicine and Respiratory Medicine are attending to these patients on all workingdays. Patients having lungs or kidney injury are being investigated and, if required, arealso referred to Rheumatologist, Cardiologist, Neurologist or Psychiatrist. This specialty clinic is of immense help to those who have been discharged from COVID Hospital, but are developing symptoms even after getting some treatment and have associated diseases like diabetes, high blood pressure and heart diseases.

Fig. 2: Covid-19 isolation word at KIIT campus

About 200 COVID positive pregnant mothers were hospitalized during the COVID-19 Pandemic and delivered their new-borns by normal delivery as well as cesarean section. About 25% of those discharged are likely to have prolonged weakness, fatigue, breathlessness, cough, fever or other symptoms. To facilitate their health check up, KIMS Hospital has started a 'Post-COVID Mother & Child Clinic'. This clinic will have a senior obstetrician and pediatrician who will look after the mother and child together and render advice. All types of tests, imaging are available in the campus and if advised the mother & child can be seen by a Cardiologist, Pathologist and Neurologist or Physicians.

KIMS has doubled the number of doctors and consultants for telemedicine during the period of lockdown.

KIIT Authority has constituted a 5-Member Committee to extend necessary counselling services to the staff members of KIIT/KISS/KIMS, if they so require, over

Silver Jubilee
1997-2022
SOIL TO SILVER

Phone/WhatsApp or other available Online modes with effect from 17th April 2020.

Kalinga Institute of Medical Sciences (KIMS), Bhubaneswar was granted permission for conducting Phase III clinical trial of 'Covovax', a vaccine against COVID-19 being prepared at Serum Institute of India (SII), Pune in collaboration with the Vaccine Giants, Novovax, USA. It has beenselected as one of the 16sites across India by ICMR-NARI(Pune).The parent vaccine by Novovax has cleared Phase I and II trials globally and has proven safe and efficacious.

Fig. 3: Covid-19 hospital in different districts

The University has ensured all types of diagnostic facilities (including antigen and RT-PCR test) with approval from the Indian Council of Medical Research. 3,20,000+ tests have been conducted so far.

Food Distribution and Animal Care:

KIIT along with sister institute Kalinga Institute of Social Sciences (KISS) started distributing food items such as green vegetables daily to stray monkeys. Though these monkeys and other animals are not susceptible to the virus itself, they have been severely affected by the COVID-19 outbreak mainly due to the lack of food which the residents used to provide. The two institutions also provided cooked food daily to other stray animals, including dogs, cows, etc., living in areas from NALCO Square to the KIIT & KISS campuses in Patia.

KIIT & KISS also adopted "People for Animals"- anNGO thattakes care of 140 peacocks in Bhubaneswar. Besides this,

financial assistancewas provided to more than 10 "Goshalas" in Puri, Bhubaneswar and Cuttack.

KIIT & KISS arranged cooked meals for the Police personnel in twin city areas of Cuttack and Bhubaneswar to honour their work of making people aware of COVID-19. They are also trying their best to effectively implement the current lockdown.

KIIT & KISS also distributed groceries to 40,000 people in the slum areas of Bhubaneswar thrice a week for the first month during the lockdown. These packets contained items like rice, pulses, cooking oil. Food and essential items were also distributed in containment zones where people were not allowed to step out for days due to the risk of coronavirus.

Fig. 4: Animal care during Covid Period

Tending to the Tibetans:

KIIT and KISS have extended a helping hand to the Tibetan communities in Jiranga and Chandragiri of Gajapati district in Odisha. Though the COVID-19 pandemic is not an

immediate concern in this far-flung area of Odisha, hunger and poverty remain an issue in many settlements in and around Chandragiri.

The KIIT and KISS family have provided basic essentials and grocery for at least a month to the Tibetan families settled in Chandragiri and to the monks of Padmasambhava Mahavihara Monastery in Jirang, the largest Buddhist monastery in Eastern India. Besides food, a kit containing essential items like sanitizers, hand wash, sanitary napkins and masks were also provided by KIIT and KISS, Notably, KIIT and KISS have provided grocery for two old age homes in Chandragiri and have pledged to adopt both and take care of all finances henceforth. KIMS is also supporting a hospital in Jiranga and has provided PPE to the health workers.

Fig. 5: Food items distributed to Tibetan communities in Jiranga

Looking after the overlooked:

KIIT and KISS extended a helping hand to the redlight areas in Bhubaneswar in the times of corona crisis. Dry and essential food items, groceries, sanitisers, masks and sanitary napkins were given with information about proper usage.

KIIT, KISS, Sakha and Azim Premji Philanthropic Initiatives came together to distribute ration and essential items for the transgender community in Bhubaneswar, Rayagada and a few districts of Odisha.

Migrant Lives Matter:

After the India-wide lockdown, a lot of jobless migrant workers are stuck in cities with hardly any resources. Many started retreating to their villages. With the loss of livelihoods, a large number of them struggle to support their

Fig. 6: Helping hand to the redlight areas in Bhubaneswar

Fig. 7: Helping hand to the Migrant Workers during lockdown

families. KIIT and KISS also came forward to help the stranded labour in Odisha by providing them temporary shelter, cooked meals, sanitary products and arranging their travel back to their native place safely after thelockdown norms were relaxed. More than 4350 migrant workers were helped in this initiative by KIIT & KISS.

Help to the Spiritual Centers:

Because of the lockdown of more than 90 days, the devotees have not gone to the places of worship. However, the rituals go on as usual. The priests who maintain it is facing times of crisis without any money. KIIT and KISS also extended help to the places of worship in Bhubaneswar, to the priests and other people who maintain the premises and to many Mathas in Puri by providing them grocery that would last three months and cash for other expenses.

Fig. 8: Help to the spiritual center

Awareness and Dissemination:

The students of KIIT and KISS are creating awareness on Social Distancing, washing hands and respiratory hygiene in their respective districts. Besides under Project Uday, massive awareness camps have been organised at market places and through a door to door campaign on Social Distancing, hand washing and proper usage of masks. 500 volunteers are involved for this purpose and 220 villages in aspirational districts of Rayagada, Koraput and Malkangiri has been covered. They are also helping the state government in monitoring and administering Quarantine Centers. The work covers 6 aspirational Districts of Odisha:

Raygada, Malkangiri, Koraput, Kandhamal, Balangir, and Gajpati.

Webinars on COVID-19 awareness and Prevention, Impact on Live & Livelihood, Role of Nurses in management ofCOVID-19,Entrepreneur opportunities during and post COVID-19 etc have been conducted. The University has sanctioned 1 crore INR for counseling and awareness programmes (Approved by Board of Management in their 36th Meeting on 12.06.2020)

The University has launched massive COVID awareness and prevention programs through its volunteers across the State maintaining allCOVID -19 protocols. It is also building capacities of volunteers on vital aspects of COVID-19 in association with US consulate general, Hyderabad, India.

Fig. 9: Awareness camps at various villages of Odisha, India

Fig. 10: Distribution of sanitary napkins to needy

Fulfilling sanitary Needs for girls and women:

KIIT, in collaboration with KISS Foundation contributed by giving the sanitary napkins prepared in house to the Commissionerate Police for further distribution to the needy. KISS also scaled up the production maintaining full social distancing norms to cater to the need of feminine hygiene products in all tribal districts of Odisha.

Leveraging the power of media:

Popular Odia literary magazine Kadambini founded tow decided by Prof. Achyuta Samanta was leveraged as a tool to keep people engaged at home as the lockdown prevailed. The Chief Editor of the magazine kept the readers engrossed through her exemplary storytelling. Free online versions were distributed.

Awareness campaigns on the do's and dont's of COVID19 along with the educational classes. The television channel also periodically ran government ads to create awareness and provide all relevant information on the virus.

Reaching to the tribal and other students:

E-Learning Class programme was inaugurated at Kalinga Institute of Social Sciences (KISS) under the initiative of KISS and Kalinga TV. Classroom teaching is the best and real mode of imparting education. However, due to the outbreak of coronavirus pandemic, schools and colleges have been shut down. KISS authority has provided hassle-free learning for students who are confined to their homes. The faculties and staff of KISS are in constant touch with the students, who were provided with textbooks and dry food items to ensure their study from home. Kalinga TV telecasts e-learning class for a period of half an hour every day. Even non- KISS students from every corner of Odisha will benefit from the e-classes.

To prevent any disruption in academic activities, classes by teachers through television channel (Kalinga TV) are being conducted across the state even in its remotest corners. Online classes and examinations are being conducted across all centres and schools of the institute covering approximately 30,000 children. For students of KISS, amongst some who live in the most backwards areas of the state, education through WhatsApp was being conducted. Now, KISS reaches them through television channel- Kalinga TV.

Online classes and Examination conducted through the integration of different virtual and online platforms like Zoom, Google Meet, Cisco Webex,Gsuite, Quizziz, MyPerfectice, SAP andMoodle. We are the first University in the country to shift to online mode of delivery for delivery of all academic programs adhering to our Academic Calendar even during the times of the Pandemic.

Coordination and Collaboration:

KIIT and KISS is working with the Government of Odisha to provide support in the form of all its available resources – logistics, infrastructure, healthcare, human resources etc in its various activities at grassroots.

KIIT, in collaboration with KISS Foundation is also working closely with the American Embassy in the repatriation of American and Indian American personnel who have been stuck in Odisha and other adjoining areas. KIIT, in collaboration with KISS Foundation is conducting a survey on behalf of UNDP India on migrant labour for a policy-level change.

Apart from this, the following initiatives have been undertaken across the state:

- ➢ Establishment of wellness clinic, COVID care and Health Care Centers across the state.
- ➢ Telemedicine Facility in 10 districts of the State.
- ➢ Online healthcare consultancy and solutions.
- ➢ Tele-counseling Cell has been functioning to provide necessary support for stress management and emotional wellness (06747105371) to the different families affected by the pandemic.
- ➢ Periodic and need based counseling for staff members and students of the University during the pandemic through online mode.
- ➢ Awareness Camps for Tribal and Poor.
- ➢ Personal Protective Equipment (PPE) kits have been distributed among 1,50,000+ health workers.
- ➢ The University will also be providing education free of cost to the children of the COVID-19 deceased in Odisha.

To fight the war against the COVID-19 Pandemic, KIIT has engaged in developing low cost solutions through different research programs:

KIIT-Technology Business Incubator hasbeen recognized as a Centre for Augmenting War with COVID-19 Health Crisis (CAWACH) under Department of Science and Technology (DST), Government of India (Sanctioned amount: 56 Crores INR).

SASACT scheme for accelerating start-ups around post COVID Technology opportunities approved by Ministry of Electronics and Information Technology, Government of India. (Sanctioned amount: 10 Crores INR)

95 Research Projects with budget outlay of about 35 crores were applied to various Government funding agencies like DST, ICCSR, DBT etc.

Impact and Contribution by KIIT

➢ Distribution of dry and essential food items, groceries, sanitizers, masks and sanitary napkins to 5 lakh + people and conducted COVID-19 rehabilitation activities in 6 districts of Odisha.

➢ Distribution of Sanitizers, masks, sanitary napkins and essential commodities have been distributed among 400,000+ people.

➢ Distribution of educational kits and essential commodities to 40,000+ poorest of the poor children in the state.

➢ The University is also supporting a hospital in Jiranga, Odisha and provided Personal Protective Equipment to the healthcare workers in the region.

➢ Old Age Homes in Jirang are being provided with essential food items and basic necessities along with masks and sanitizers.

➢ KIIT in collaboration with KISS, Sakha and Azim Premji Philanthropic Initiatives has distributed ration and essential items for the transgender community in Bhubaneswar, Rayagada and a few districts of Odisha.

➢ Awareness created among 1,000,000+ people in the state.

➢ Counseling to 100,000+ people including students and staff members.

Principle on which KIIT stand during Pandemic:

Leaving No-one Behind – To provide relief material and other necessities to homeless, stranded migrants, slum dwellers, daily wagers, transgenders, beggars, and animals on the street, frontline workers and other vulnerable people.

Mobilizing adequate and well-directed financing– Reaching out to Good Samaritans, corporate houses, national and international organizations, KIIT and KISS has diversified work and mobilised financial and human resources for relief to the needy.

Strengthening institutions for integrated solutions and effective implementation – KIIT and KISS were working with the state government and local self-government institutions (urban and rural) to find solutions for the crisis. Apart from enabling the state government to utilise institute's existing infrastructure, both these educational institutions have bolstered local action by utilizing staff and students as a volunteer force across Odisha.

Harnessing science, technology and innovation – The science and technology hub is devising innovative and sustainable solutions and influencing government strategies. Research partnerships with Universities of Cambridge and East Anglia are now focused on food futures – by using volunteers and IVRS platform for benefit of indigenous communities. For more details:

More details can be found:

https://kiit.ac.in/covid-19-news/

Following are the significant initiatives KIIT Deemed to be University have been taking toward the UN's goal of reaching "No Poverty"

1.1. Enabling Education for Tribal Students

The University is actively committed to enabling education for tribal students through its partnership with the Kalinga Institute of Social Sciences (KISS), a sister organization and KISS foundation with the voluntary engagement of its faculty members and senior students. KISS is exclusively made for the 60,000 poorest of the poor tribal children (30000 students in KISS Bhubaneswar, 20000 alumni, and 10000 students in satellite centers in 10 districts of Odisha). At KISS, the children are provided with food, accommodation, health care, and education free of cost. **Appendix I** provides information about KISS and its branches.
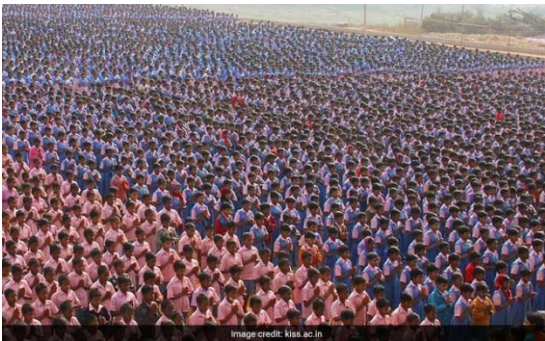

Fig. 1.1: Enabling tribal students through KISS

1.2. Vocational Training for tribal students

KIIT along with KISS provides vocational training in candle making, diya making, preparing phenyl and incense sticks, etc to make the tribal students self-independent. More than 25500 youth benefited out of it.

Fig. 1.2: Vocational training of tribal students

1.3. Camps organized for identify potential youths

Camps are organized in different districts of state of Odisha, India round the year to identify potential youths who are then further trained and made more employable. This year 2022, these camps were conducted online and offline modes. Counselors available with the University identified the aspirations and talents in particular areas, suggested domains of training to be imparted and provided online as well as offline counseling. The training was imparted by experienced University staff members on the use of file handling, communication skills, business communication writing, basic accounting, ICT technology and Digital skills. They were also referred to the

Skill Development Center for training in different schemes under Government initiatives. More than 6500+ such candidates benefited.

1.4. First Generation Learners

KIIT along with KISS helps 8800+ first generation learners have been converted from below poverty line to mainstream tax payer status.

1.5. Establishment of Tribal Educational Schools with collaboration

'Oswal- KISS Residential School' established in Bolangir, Odisha in association with Oswal Group (http://www.oswalgroup.com/) and Adani-KISS Tribal Residential School) at Bankishole, Baripada, Mayurbhanj, Odisha provide free holistic education from kindergarten to post graduation along with lodging, boarding, health care facilities besides vocational, life skills empowerment to the underprivileged tribal children of the district and adjoining areas. 1500+ students have already been enrolled from standard I to XII in each school. Furthermore "KISS-emami residential school" at Balasore, Odisha is under construction and it will be in operation from April 2022.

1.6. Chudanga Adopted as NSS Village by KIIT NSS Bureau

Chudanga village of Daruthenga Gram Panchayat under Bhubaneswar Block was adopted as NSS Village by KIIT NSS Bureau on 17th April 2022. NSS volunteers of three schools of KIIT Deemed to be University – School of Mass Communication, School of Fashion Technology and School of Film and Media Sciences - will work with the villagers of Chudanga to bring social change and develop the village as a model NSS village. "Chudanga is a tribal village, which is lacking development though it is located on the outskirts of Bhubaneswar. KIIT NSS Bureau has adopted the village to bring social change in the lives of the people", said, Dr. Kajal Parasar, Programme Coordinator of KIIT NSS Bureau. In this regard, an adaptation process meeting was held in Chudanga village. Sarpanch of Daruthenga Gram Panchayat, Mr. Tapan Kumar Chakrabarti presided over the meeting where Dr. Prabhat Kumar Rout and Dr. Bidu Bhusan Dash, Programme Officers of KIIT NSS Bureau talked

how NSS volunteers can contribute for the development and social change in the village. Mr. Ajit Kumar Srichandan, Panchayat Samiti Nominee of Daruthenga Gram Panchayat and Singo Besra, Ward Member of Chudanga village were also present in the meeting. Comprising youth and women, a coordination committee was formed for smooth conduct of NSS activities in the village.

Fig. 1.3: KIIT adopted Chudanga as NSS Village

https://news.kiit.ac.in/schools/mass-communication/chudanga-adopted-as-nss-village-by-kiit-nss-bureau/

1.7. KIIT Launches Project on Wellness of Tribal Children in Kandhamal District of Odisha

In August 2022, KIIT, under the auspices of the Department of Science and Technology (DST), Govt. of India, initiated a significant study titled "Wellness of Tribal Children in Kandhamal District of Odisha." The project launch took place at Govt. (SSD) Girls High School, Belapadar. Prof. Achyuta Samanta, Founder of KIIT & KISS, expressed his dedication to the welfare of tribal children, praising the involvement of senior faculty members in this noble endeavor.

The study's focal points encompass safe drinking water awareness, oral and menstrual hygiene among school students. Dr. Rojalin Sahu, the project's principal investigator, underscored the significance of quality drinking water. The coming year will witness the extension of the projects' reach to numerous schools in the district.

Experts from KIIT's School of Applied Sciences, including Dr. Prasanta Rath, Dr. Alok Kumar Panda, Manoja Kumar Senapati, and Niharika Das, educated students about water

quality testing and purification techniques. In the domain of healthcare, Professors Brig. (Dr.) Sudhanshu Rath and Dr. Jyochnamayi Panda, along with Dr. P.V. Samir and his team, imparted valuable insights on menstrual health and oral hygiene. Coordinated by PA-ITDA, Phulbani, the initiative strives to holistically uplift the wellness of tribal children, contributing to their healthier future.

Fig. 1.4: Project on Wellness of Tribal Children in Kandhamal

https://news.kiit.ac.in/kiitnews/kiit-launches-project-on-wellness-of-tribal-children-in-kandhamal-district-of-odisha/

1.8. KIMS Conducts Mega Health Camp at Nayagarh

On October 1, 2022, Kalinga Institute of Medical Sciences (KIMS) marked the International Day for the Elderly with a Mega Health Camp at Brajendra High School, Nayagarh. In collaboration with the district administration, the camp provided vital healthcare services to more than 270 elderly individuals. KIMS doctors from various

Fig. 1.5: KIMS Conducts Mega Health Camp at Nayagarh

specialties, including Cardiology, Orthopaedics, Neurology, Medicine, Rheumatology, and Clinical Immunology, joined hands to offer medical expertise.

1.9. Khwaab Society of KSAC Celebrated Diwali at an Orphanage

Diwali is a celebration of lights, symbolizes the victory of good over evil and spreading happiness with the family and around us. Khwaab, the Social Responsibility Society's primary motto is spreading happiness and bringing smile on the face of people around us. Based on that notion what would be better than celebrating the festival with the one who don't have family and by doing so giving them a chance to see that they matter to us and they belong here with us in this society.

Keeping this is mind, the members of Khwaab celebrated Diwali with the children in the Orphanage, Prativa Ashram, Khandagiri on 23rd October, 2022. It started with making Rangoli with the children followed by distribution of Diyas. The student members also organized music and dance events for the children. The full day event ended with distribution of Notebooks and sweets.

Fig. 1.6: Khwaab Society of KSAC Celebrated Diwali at an Orphanage

1.10. Enterpreneurship and skill development programs for VDVK members

The Van Dhan Scheme is an initiative of the Ministry-of Tribal Affairs and TRIFED. It was launched on 14th April, 2018 and seeks to improve tribal incomes through value addition of tribal products. The main objective of the scheme is to Promote sustainable livelihood systems for tribal people by marketing development and ensuring remunerative price

for their products, provide minimum. support price and value addition of Non-Timber Forest Produce (Minor Forest Produce), empower them through meticulous capacity building, augment their resources substantially, develop marketing partnership with Central/State Government agencies and other development partners through establishing convergence and coherence in activities. Kalinga institute of Social Sciences (KISS), Bhubaneswar sanctioned a project by TRIFED to conduct ESDP training for 156 Van Dhan Vikas Kendra (VDVK) covering 14 tribal districts under 22 ITDAS. ESDP (Entrepreneurship and Skill Development Program) aims at inculcating entrepreneurial culture among Van Dhan community (members of Van Dhan Vikas Kendra). TRIFED selected KISS as training partner, to train around 5000 women directly on enterprenueral skill and provide them mentorship so that 50,000 women's socio-economic status will significantly change.

Fig. 1.7: Enterpreneurship and skill development programs for VDVK members

1.11. Project Samarthya

KIIT along with its sister institute KISS and the United Nations Population Fund (UNFPA) has initiated the project Samarthya', the Life Skills Education for adolescents with disabilities studying in the special schools of Odisha, for promoting their health and well-being, since August 2020. The project is being implemented in close collaboration with the Department of Social Security and Empowerment of Persons with Disability (SSEPD), Government of Odisha.

They are also almost four times more likely to experience violence than children without disabilities, and nearly three times more likely to be subjected to sexual violence. They are at an increased risk of bullying and emotional harassment which can have long-term consequences for their social development and mental health. Further, adolescents with disabilities have access to low levels of sexual and reproductive health knowledge, making them vulnerable to exploitation.

As a pilot initiative, UNFPA is introducing Life Skills Education in special schools The significant rationale of the project is for adolescents with disabilities in to reach out to adolescents with Odisha. As per the available data, there disabilities as well as their caregivers are around 157 special schools across with appropriate information related to the state in which around 8,500 children health including sexual and are enrolled having disabilities such reproductive, well-being, safety and visual, speech and hearing as well as rights of AWDS to enable them to lead intellectual disabilities. Studies have healthy, safe and productive lives, free shown that children & adolescents with from all forms of violence and abuse.

Fig. 1.8: Project Samarthya

1.12. Helping Hand Activities of KIIT with KISS Foundation IN 2022

In 2022, KIIT in collaboration with KISS Foundation has extended Helping Hand to:

Helping hands to four orphans: The four daughters of Purna Hantal & Tulasha Hantal of Padri Pani in Malkangiri District were pushed to poverty and deplorable condition after the death of the father, the sole bread-winner of the family. The mother faced a number of difficulties in bringing up the children - Ankita, Jhili, Padmini & Shibani.

After coming to know about their condition, KISS Foundation has extended a helping hand to the family. KISS Foundation has taken the responsibility of continued education of the sisters and sanctioned an immediate financial help of Rs. 5000/- to the destitute for their maintenance. They were also assured of continuing their education at KISS.

Community support and philanthropic initiatives for vulnerable a family in kendrapara district: Sabita Dash, the widow of Baishnab Sahi of Dhumat Panchayat in Kendrapara District lived amidst acute poverty. Her prolonged kidney ailment had made her bedridden. It was next to impossible for Sabita to make both ends meet with a family of three children to support. Hence the onus of earning a livelihood for the family was on the young shoulders of her seven year old son Subham. The boy had to manage the family by begging from the neighborhood.

Helping Hand- On coming to know about her wretched predicament, KISS Foundation & Prof. Achyuta Samanta have extended helping hand to the family. Sabita was provided with an immediate cash allowance of Rs. 15000/- (Rs. Fifteen thousand only) along with food & grocery items. Besides this a monthly allowance of Rs. 5000/- was sanctioned to the family for their maintenance. Arrangement was also made for the continuing education of the children in KISS, Balasore. Liasoning is being made to provide one house to the family in coordination with the Govt. of Odisha under Government scheme. Efforts are also made to provide medical treatment of Sabita for her chronic ailment.

The role of KISS foundation support for family affected by COVID-19: Smt. Kinalata Sahoo, w/o late Biswa vijayee Sahoo of Beguni, Balikuda, Jagatsinghpur was facing a lot of difficulty to make a living with her two children & mother-in-law after the death of her husband in COVID -19.

Helping Hand- KISS Foundation, came to her rescue by supporting her financially. Necessary steps were taken to provide them with all kinds of help. KISS Foundation has come forward by providing a monthly allowance of Rs. 5000/- (Five thousand only) to the family for meeting the maintenance & educational expenses of the family & children. A fund of Rs. 5000/- was immediately released for the upkeep of the family.

Financial support to Kumari Nirupama Mallick from Jajpur district: Kumari Nirupama Mallick, is one or the three children of Late Durvodhan Mallik of Majhi Patna village, Deoda, Dharmasala of Jajpur district. On the death of her parents, Nrupama & her siblings nad become totally nelpless a had to quit their studies. KISS Foundation has come to their aid & has sanctioned Rs 5000/- per month for their maintenance. This has come as a big relief for the distressed familv

Assistance for empowering widows and supporting children's education: In jajpur district: Smt. Sumitra Jena, the wife of Late Siba Prasad Jena of village Baridi, Sukinda in Jajpur District was pushed to quagmire of poverty after the death of her husband. Helping Hand - On knowing about her precarious financial condition after the passing away of her husband, KISS Foundation has extended a helping hand to provide her the much needed succour at the time of crisis. The Foundation true to its ethos has ensured that the children are not deprived of education. Accordingly, the Foundation has sanctioned a monthly allowance of Rs. 2000/- to the family for the continuing education of the children. This amount was disbursed from the month of Nov-2021 for a period of two years.

Handholding the Siblings: KISS Foundation has taken the responsibility of six helpless orphan siblings of Gajapati district of Odisha who lost both the parents last year and the elder sisters Surajani and Urbhani started working as daily labourers to look after the family. KISS Foundation immediately sent financial assistance of Rs. 5000 through our representative, assured admission at KISS and monthly assistance for sustenance.

Aid to Tribal Sisters: KISS Foundation has come forward to take the responsibility of two sisters, orphaned due the untimely death of their parents, Umesh Munda & Santoshini Munda. They belong to ST-Munda community of Banianidhi village of Badabahal GP, Redhakhol Block of Sambalpur district. The sisters had taken shelter in the house of their grandparent, Rengutu Munda. Dr. Achyuta Samanta on learning about their misfortune has immediately sanctioned a financial support of Rs. 4000/- & has assured them of monthly support of Rs. 4000/- for their studies & living expenses on behalf of KISS Foundation. Further they have been assured of continuing education at KISS, absolutely free of cost. Since KISS is closed now, due to the pandemic, they will be

admitted on reopening of KISS as per Govt. Guidelines. Rengutu Munda & his two granddaughters are grateful for this timely support to KISS Foundation.

Alleviating plight of minor orphans: This is a moving story of four helpless minor children whose mother Chandrama Pula had expired four years ago. The father had also ditched the children & was absconding. The family belong to Pulapali village of Bhojaguda GP in the Malkangiri district. The family was finding to make both ends meet having taken shelter in their paternal uncle's house. Dr. Achyuta Samanta came to know about their plight & expressed his happiness on being informed that the children were continuing their studies despite the enormous difficulties. KISS Foundation has decided to take the responsibility of their studies & secured future. Hence an immediate monthly allowance of Rs. 5000/- was made available to the family. After KISS reopens after the pandemic, the children will be admitted as per Govt. guidelines. The four children namely Bhima Pula (Class-X), Minati (Class-VII), Sabita (Class-VI) & Shiba (Class-IV) have expressed their gratitude to KISS Foundation.

Efforts for supporting families affected by HIV/AIDS by providing financial assistance and hope: Smt. Dolly Sahani, the wife of late Prabhakar Sahani, Sahaspur, Uttarkula, Cuttack had to face a cruel stroke of fate when her husband passed away in 2019 due to HIV AIDS. In course of time, Smt. Dolly Sahani was herself diagnosed with HIV (Positive). Life became extremely difficult for her & her only daughter as they struggled for two squares of meals. Medicines & healthy food were out of her reach. In this hour of crisis, it became too difficult for her to think about educating her only daughter.

Helping Hand - On learning about her plight, KISS Foundation has come forward to help her with a monthly allowance of Rs. 2000/- (Rs. Two thousand only) from December 2021 for the maintenance of the mother & the daughter.

Community Support for Medical Emergencies: KISS Foundation's Assistance to a Family in Need: Sri Dipti kumar Routray, husband of Smt Rashmi Rekha Nayak, English Teacher at KISS was admitted to KIMS since 10.01.2022 due to Gall bladder stone & other complications. He underwent two major surgeries. He also suffered from failure of multiple organs & was on ventilator support. The medical expenses incurred at KIMS were

beyond the Insurance limit including the top up facility. Sri Dipti kumar Routray had no fixed income & his wife Smt Rashmi Rekha Nayak is the only source of income. The family ran out of funds & appealed for financial support for continuing the treatment of the critically ill patient. Helping Hand - KISS Foundation supported the family by financing Rs. 1.00 lakh for the cause.

Rescuing and Rehabilitating Burn Victim Pinki Mallik with Compassionate Healthcare Initiative: Pinki Mallik of Gadama village of Jhinjiriguda Gram Panchayat in Daringibadi Block of Kandhamal District was admitted into S.C.B Medical College in half burnt condition. However she could not continue her treatment due to lack of funds & suffered from infection & struggled to survive at her home.

Fig. 1.9: Pinki Mallik with her mother and KIIT-KISS staff

Helping Hand - On being informed about the matter, authorities at KISS Foundation took charge of the patient & got her readmitted into S.C.B Medical College. Her treatment was monitored regularly. After undergoing plastic surgery & skin grafting, Pinki Mallik is able to get a new lease of life. After complete recovery, she was discharged from the hospital. KISS Foundation bore all the expenses of hospitalization/treatment, lodging & boarding. Funds were also provided to the family for taking care of her health post recovery. It was also decided to provide support for higher education of Pinki Mallik.

Support for the Education of Medical Student Rupashree Senapati: Ms. Rupashree Senapati, daughter of Sri Krushna Chandra Senapati of Prasanti Vihar, a slum in Odisha, had qualified in the All India NEET Examination & tookaken admission in the Govt. Bhimabhoi Medical College at Bolangir. Born into a very poor family, Rupashree had a very difficult

childhood & struggled a lot to come up in life. She completed her matriculation from the Sitanath High school at Patia, Bhubaneswar. The School is financially supported by a Block Grant. Then she passed her higher secondary education in science from the Rama Devi University. Her father Krushna Chandra, an auto rickshaw driver lost his livelihood after a road accident. Mother was the sole breadwinner for the family & she worked as a cook in households. But her meager earnings were insufficient to make both ends meet. In spite of all these hurdles, Rupashree continued her education without any tuition with the help of You-tube lessons & came out successful in the NEET examination. The family arranged Rs. 30,000/- with a lot of difficulty & she took admission in the Govt. Medical college. But Rupashree was extremely worried about arranging further funds to complete her medical course.

Helping Hand- KISS Foundation, on knowing about the case came forward to fund the total education of Rupashree. Rs. 30,000/- was mmediately disbursed as reimbursement of the admission fees. Besides that Rs. 30,000/- per year has been sanctioned till completion of the studies. If needed, mother of Rupashree will get employment at KIMS as per her eligibility. Rupashree has been advised to concentrate on her studies henceforth.

Fig. 1.10: Ms. Rupashree Senapati

KISS Foundation's Support for Laxmipriya Dehuri's Higher Studies: The tribal family of Sukunu Dehuri and Kuni Dehuri, with their three children, residents of Balisahi under Salipur District of Cuttack were daily wage earners, struggling to meet both ends. Their eldest daughter Laxmipriya Dehuri with her grit and determination and hard work was never subdued due to financial constraints for pursuing her education at local school. With all sincerity and dedication she successfully completed her HSC examination with flying colors securing more than 60 percent marks which was unbelievably a good score braving the abject poverty and hardship she encountered. Other peers of her class, as usual, pursued higher education in Degree Colleges in the locality. Laxmipriya cherished dreams to continue her higher studies. But the economic hardship and financial condition thwarted her ambition for pursuing higher education. Despite her inclination for studies, she opted to supplement family earnings by supporting her parents as daily wagers.

Financing education of a hapless child: Upendra Prusty used to live in Hadabai Basti, Chakeisiani, in Bhubaneswar with his family of son, daughter & wife. He used to sell vegetables to make a living. Then he started to sell snacks in the campus of the Utkal University. He passed way some time back being afflicted with a disease. He being the only bread winner in the family, it became extremely difficult to run the family for Sarojini the widowed mother. Hence she was forced to send her minor son Amit, a student of class –IX to sell snacks in the place of his father in the University campus. Amit continued his study despite the depravity. Dr. Achyuta Samanta, being himself an alumnus of Utkal University has decided to extend a helping hand by providing a financial grant of Rs. 2000/- & assured to support his further studies on behalf of KISS Foundation. The mother Sarojini & Amit has expressed their gratefulness for this benevolence.

Tending the Disabled: KISS Foundation has been supporting the India Charitable Trust of Divyang and visually impaired boys & girls for the last five years by providing financial assistance for creating different avenues of income for them. During the pandemic induced lockdown, the physically challenged inmates encountered multiple difficulties. During this time, KISS Foundation came to their rescue in a big way. After normalcy was restored, efforts were made to help more people with disabilities to lead a life of dignity & self-esteem. The Trust had requested for a hall for the accommodation of the inmates so that they do not have to encounter daily challenges. KISS Foundation had assured its help for the cause and sponsored it.

Donation of Wheelchair to Differently-abled Girl Subhadra: Subhadra Gumjira, a resident of Teranti village under Sukuli block in

Mayurbhanj district is differently abled from childhood. Subhadra's father died some years ago, while her mother strives to make both ends meet working as a daily wage laborer. Though Subhadra has an intense penchant to pursue her study career, she is being compelled to rely on others to attend school. On getting to know about Subhadra's plight Dr. Samanta extended his helping hand to Subhadra. He arranged financial assistance to Subhadra on behalf of KISS Foundation by providing two thousand rupees as a monthly allowance. Besides, Subhadra was assured free education as long as she would like to pursue her study. A wheel chair was donated to Subhadra. The local district authority was requested to provide them with a house as per Government norms. Dry food, fruits & groceries were also offered to the family. Subhadra's brother would also pursue his study in KISS.

Fig 1.11: Dr. Achyuta Samanta, Founder KIIT & KISS with Miss. Subhadra Gumjira

Repaying the loans of a Mountaineer: After the publication of news on the extremely challenging journey of mountaineer Ganesh Jena who had once made the state proud by successfully scaling the Everest ten years ago in a Odia Daily, KISS Foundation extended the hand of help to him. While Ganesh celebrated the tenth anniversary of his phenomenal achievement, he is still struggling to repay the debt which he had to bear for his very first attempt. He still owes a debt of One Lakh to an agency in Nepal. Being informed about the struggle of Ganesh, KISS Foundation stepped forward to offer an immediate assistance of Rs.50,000/. It also declared that KIIT & KISS will completely support Ganesh during his second attempt to scale Everest.

Fig. 1.12: Mountaineer Ganesh Jena

Education for the whole family: Amulya Champia, a resident of Chhanchunia village of Palalahada block in Angul district, passed away last year. Amid immense adversities, his wife Subuni continued to survive with her six children. All of a sudden, Subuni died of Malaria three months ago which left these children extremely helpless. The eldest daughter Rashmita, who is married, has been feeding her siblings with meager earnings while taking care of the cattle in the village.KISS Foundation, after learning about it sent an immediate assistance of Rs.10,000 for their subsistence. Apart from this, they will be supported by KISS Foundation with a monthly allowance of Rs.10,000 towards their studies and vital expenses. They will also get an opportunity to study at KISS.

Fig.1.13: Mrs. Subuni, W/o: Late. Amulya Champia, with her six children

A job in hand for Ranjita: The plight of Ranjita Biswal agonised KISS Foundation beyond repair. Daughter of Late Amiya Biswal and Kumari Biswal of Harikundabaradi village located in Khurda district, Ranjita became helpless after losing her parents. First she lost her mother, just one year after her birth and then she became fatherless in a year's time. In their wait for a male child, late Amiya and Kumari gave birth to four girl children before

their untimely demise .Ranjita, the youngest one, undeterred with her indomitable will and determination continued to move on by studying till Grade IX, enrolling herself into a training institute and working at a mall. All the other sisters, were married to economically deprived families. But, Ranjita wanted to study all the while. Being informed about her hardships, KISS Foundation came forward to assist Ranjita immediately. To her utmost delight, Ranjita got her offffer letter to join KISS. She can also go for higher studies while working at KISS if she desires.

Fig. 1.13: Dr. Achyuta Samanta, Founder KIIT & KISS with Miss. Ranjita Biswal

Rescuing Orphaned Adolescents: Support for Arpita and Ankita's Education and Well-being: Arpita and Ankita are two orphan adolescent girls from Gopalpur village in Rajnagar Block, Kendrapara district. They were left helpless after the untimely death of their parents. Living in deplorable conditions, they were on the verge of abandoning their studies, struggling even to arrange two meals a day. Upon learning about their miserable situation, the KISS Foundation extended a helping hand. The girls were granted immediate cash relief of Rs. 2000/- and promised a monthly allowance of Rs. 2000/- until the completion of their education. The foundation also pledged to provide further financial assistance based on their progress. The local community and public representatives have praised the noble work of the KISS Foundation.

Assistance for Orphaned Siblings Rajesh and Sasmita Nayak's Education and Well-being: Rajesh and Sasmita Nayak two siblings from Sankharisahi village in Biridi, Jagat Singhpur district, became orphans after the passing away of their parents and grandparents. They were living in dire circumstances, unable to pursue further education. Even their daily

sustenance was out of reach due to their poor financial condition. In response to their distressing situation, the KISS Foundation extended a helping hand to these vulnerable children. An immediate cash relief of Rs. 2000/- was sanctioned, and a monthly allowance of Rs. 2000/- was promised until the completion of their studies. Further assistance was also assured based on their progress. The local community and public representatives have appreciated the noble work of the KISS Foundation.

Empowering Orphaned Sisters: Assistance for Parimita and Pranamika's Education and Well-being: Parimita and Pranamika, two sisters from Pandhado village in Banta block, Bhadrak district, lost their father at an early age and were living in destitution with their mother. With the sole breadwinner of the family gone, they were in dire straits, struggling to arrange two meals a day. Recognizing their plight, the KISS Foundation came forward to support these orphaned children. They were provided with immediate cash relief of Rs. 2000/- and a monthly allowance of Rs. 2000/- until the completion of their studies. The local community and public representatives have applauded the noble work of the KISS Foundation.

Supporting Widowed Mothers and Children's Education: Assistance for Laxmipriya Nayak's Family: Laxmipriya Nayak, the widow of late Sri Umakanta Nayak from Haridagadia village, Manipur, Soro, Balasore district, faced extreme difficulties after her husband's tragic and untimely death. She resorted to working as a housemaid in various households to survive and educate her children. However, her financial condition deteriorated, forcing her eldest son to abandon his studies and work as a migrant laborer in a distant city. Her second son, a student in the ninth grade, also struggled due to the lack of funds, and Laxmipriya herself suffered from various ailments. Upon learning about their wretched condition, the KISS Foundation provided immediate financial assistance of Rs. 5000/- and decided to support the education of the children with a monthly grant of Rs. 5000/- for the next three years. Further assistance will be considered based on the family's situation. The local community and public representatives have commended the noble work of the KISS Foundation.

Support for Laxmi Priya Dehuri's Higher Studies: Kumari Laxmi Priya Dehuri, the daughter of Sukanta Dehuri and Kuni Dehuri from Bali Sahi village in Salipur, Cuttack district, excelled in her secondary education. However, due to her family's poor financial condition, continuing her higher studies seemed impossible. Her parents, who worked as daily laborers, could not afford to fund her education. Laxmi Priya's determination to study led her to approach the KISS Foundation. After considering her case, the foundation decided to support her education with a monthly grant of Rs. 2000/-. If needed, the foundation will continue to support her higher studies in the future. It is hoped that Laxmipriya will build a bright future through her studies. The local community and public representatives have praised the noble work of the KISS Foundation.

Supporting Individuals with Disabilities: Assistance for Sri Akshya Kumar Jena and His Family: Sri Askhya Kumar Jena, a resident of Khadisinga village in Bhandaripokhari, Bhadrak district, suffered a critical accident that resulted in a broken spinal cord eight years ago. Since then, he has been physically handicapped and unable to earn a livelihood. As the sole breadwinner of his family, this development plunged them into financial hardship, making their survival a challenge. Even arranging two meals a day became difficult, and Sri Jena's physical condition deteriorated due to the lack of proper follow-up treatment. Recognizing the family's plight, the KISS Foundation learned about their miserable condition and extended a helping hand to alleviate their suffering. The family will receive a monthly financial grant of Rs. 3000/- for five years. Afterward, their situation will be reassessed, and further assistance will be provided if necessary. The local community and public representatives have praised the noble work of the KISS Foundation.

Assistance for Orphaned Children: Achyutananda and Ananta Bhoi : Achyutananda and Ananta Bhoi, two orphaned boys from Ukundura village in Biridi, Jagatsinghpur district, faced a tragic fate when they lost both their parents, mother Ranjita Bhoi and father Arun Kumar Bhoi, to Jaundice within a span of six months in 2020. The elder son, now seven years old, is a student in the third grade, while the younger son is four years old. Their paternal uncle, Mitu Bhoi, and his wife have adopted them, but it has become increasingly difficult for them to raise the two orphaned boys alongside their own two sons due to their meager income from daily labor. Despite the challenges, Mitu Bhoi continued to prioritize their education. Upon learning about their situation, the KISS Foundation decided to support the two children with a monthly grant of Rs. 2000/-. It is hoped that they will overcome this crisis and achieve success in life. The local community and public representatives have praised the noble work of the KISS Foundation.

1.13. Free education for children of Covid- deceased in Odisha

University has declared technical and professional education absolutely free of cost to the children of the Covid deceased in the state of Odisha, India. Sons and daughters of the Covid deceased, who are interested, can apply to different technical and professional courses of KIIT-DU, including ITI and Diploma Engineering, as per their eligibility for admission. This facility has been provided for two academic years, 2020- 21 and 2021-22 only. Preference are given to the children of Covid deceased from BPL, SC, ST and SCBC categories. 94 students have been given full fee waiver under this scheme in 2022.

https://www.edexlive.com/news/2020/jul/28/free-education-in-kiit-du-for-children-of-covid-deceased-in-odisha-13522.html

1.14. Student Scholarship Schemes

To support the deserving students, the University has established a number of various types of scholarships. To avoid any disruptions in their education, the University provided educational help and resources to the children of staff members who came from low socio-economic backgrounds. Additionally, there are provisions in place for staff members' children to pursue higher study at the University with full or partial cost waivers. Total scholarship outlay amount for the year 2021-22 being 47.7 crore INR.

For more details:
https://kiit.ac.in/community-engagement/

https://nss.kiit.ac.in/

https://kiit.ac.in/campuslife/kiss/

2 ZERO HUNGER

End hunger, achieve food security and improved nutrition and promote sustainable agriculture

KIIT University has been taking major steps towards target set by the UN towards achieving 'Zero Hunger' as described below:

2.1. Agribusiness Management

Masters programme (Business Administration) in Agribusiness Management is being offered in the University. Agribusiness includes all the activities that take place from the farm to the final consumers. It covers the agricultural inputs, production, processing, distribution logistics and marketing all the agricultural products. With liberalization and globalization, tremendous amount of opportunities have been created in this sector. The aim of the course is to prepare qualified and well trained professionals to cater to various needs of the agribusiness sector. This course has direct relevance to agricultural input industry, food processing industry, retail industry, development sector, E-commerce, agricultural commodity trading center, agricultural warehousing sector and agricultural export houses. 187 students are pursuing this course. It is expected that the graduates of the course will become responsible professionals contributing to the proper functioning of food commodity markets and their derivatives.

https://ksrm.ac.in/academics/mba-agribusiness-management/

2.2. KISS-MEGA KITCHEN

The Mega Kitchen of KISS, featured in National Geographic, helps to provide food for all 30,000+ tribal students of KISS by harnessing steam as a sustainable source of energy. KIIT is enormously helping KISS in this mega Kitchen forProviding balanced meals with high micro-nutrients and protein value to all the tribal students studied at KISS. Reducing malnutrition especially among indigenous children by providing them with nutritious food.

https://www.youtube.com/watch?v=wypm9BqRgy0

2.3. Projects on Food Security

KIIT-KISS Implementing two research projects aimed at addressing food security issues: TIGR2ESS Project with University of Cambridge, and Project CHIRAG with University of East Anglia.

https://tigr2ess.globalfood.cam.ac.uk/partners

https://www.facebook.com/watch/?v=602835257041643

2.4. National Conference on Realigning Indian Agriculture for Sustainable Future'

The 3rd National Conference on 'Realigning Indian Agriculture for a Sustainable Future' commenced on March 10, 2022, with a prestigious inauguration ceremony attended by notable dignitaries. Dr. Gargi Dey, Dr. Mrutyunjay Suar, Dr. Trilochan Mohapatra, Dr. K. K. Narayanan, Dr. Suren Tikoo, Dr. P. K. Agrawal, Prof. Aparajita Chowdhury, and Dr. Gopal Chowdhury were among the esteemed guests. This event, organized by the School of

Biotechnology at KIIT-DU, in collaboration with the Foundation for Advanced Training in Plant Breeding (ATPBR), Institute of Life Sciences (ILS), and Odisha University of Agriculture & Technology (OUAT), aimed to explore sustainable agricultural practices.

Dr. Trilochan Mohapatra emphasized the role of sustainable agriculture in reducing environmental footprints and rural poverty. Dr. Jackie Hughes, addressing the audience virtually, underscored the importance of modernizing agriculture and improving supply chains. Dr. P. K. Agrawal discussed the 5F's of agriculture, while Prof. Aparajita Chowdhury highlighted resource conservation-based agriculture. Dr. Mrutyunjay Suar stressed the need for strategic coordination in sustainable agriculture. The day also featured an inter-university Agri Quiz and a captivating cultural performance by KSBT students, adding vibrancy to the conference's proceedings.

Fig. 2.1: National Conference on Realigning Indian Agriculture for Sustainable Future

https://news.kiit.ac.in/kiit-events/conference/national-conference-on-realigning-indian-agriculture-for-sustainable-future-inaugurated-at-kiit/

The second day of the conference featured enlightening talks by eminent scientists and experts, covering various themes like Sustainable Crop Improvement, Modern Technology & Biotic Resistance (GMO & Non-GMO), and Sustainable Farming - Agronomy Interventions.

Mr. Ram Kaundinya, Director-General of the Federation of Seed Industry of India (FSII), delivered a keynote address, outlining four key priorities to elevate the Indian seed industry to global standards. These priorities included developing high-performing cultivars, producing world-class seeds, generating

intellectual property, and positioning India as an export hub. Mr. Prashant Belgamvar, Business Director (South Asia) at Advanta India Ltd., shared his company's initiatives in promoting sustainable agriculture during a session on 'Sustainable Crop Improvement.' This conference served as a vital platform for discussions on reshaping India's agriculture towards sustainability and innovation.

Fig. 2.2: Day-2 of National Conference on 'Realigning Indian Agriculture for a Sustainable Future

https://news.kiit.ac.in/kiit-events/conference/day-2-of-national-conference-on-realigning-indian-agriculture-for-a-sustainable-future

2.5. KINS NSS Unit Celebrates 'Poshan Pakhwada

The NSS Wing of Kalinga Institute of Nursing Sciences (KINS) (nursing unit of KIIT) embarked on a meaningful journey by celebrating Poshan Pakhwada (Nutrition Fortnight) from March 21st to April 4th, 2022. The dedicated NSS volunteers from KINS, under the guidance of Dr. Niyati Das (Principal, KINS) and Dr. Kajal Parashar (NSS Programme Coordinator, KIIT-DU), along with the support of NSS Programme Officers, Ms. Daini Sunita and Ms. Anita Panigrahi, initiated a series of impactful programs.

During this period, the volunteers engaged in assessing the health status of 50 children under the age of 6 at the KIMS Pediatrics ward. They employed anthropometric measurements and calculated BMI while gathering crucial data on each child's nutrition, anaemia, breastfeeding, weaning practices, and dietary habits. This assessment revealed some children were underweight and anemic.

On April 4th, the volunteers organized a health education program that addressed essential topics like weaning, anaemia

identification, and the significance of breastfeeding. They also provided guidance on proper breastfeeding techniques and storage of breast milk, utilizing audiovisual aids such as posters, flashcards, and pamphlets. This initiative not only contributed to raising awareness about nutrition and child health but also provided a valuable opportunity for volunteers to interact with mothers and children at the KIMS Pediatrics ward.

Fig. 2.3: Poshan Pakhwada

https://news.kiit.ac.in/kins/kins-nss-unit-celebrates-poshan-pakhwada/

2.6. Project on Wellness of Tribal Children in Kandhamal District of Odisha

In August 2022, KIIT, under the auspices of the Department of Science and Technology (DST), Govt. of India, initiated a significant study titled "Wellness of Tribal Children in Kandhamal District of Odisha." The project launch took place at Govt. (SSD) Girls High School, Belapadar. Prof. Achyuta Samanta, Founder of KIIT & KISS, expressed his dedication to the welfare of tribal children, praising the involvement of senior faculty members in this noble endeavor.

The study's focal points encompass safe drinking water awareness, oral and menstrual hygiene among school students. Dr. Rojalin Sahu, the project's principal investigator, underscored the significance of quality drinking water. The coming year will witness the extension of the projects' reach to numerous schools in the district.

Experts from KIIT's School of Applied Sciences, including Dr. Prasanta Rath, Dr. Alok Kumar Panda, Manoja Kumar Senapati, and Niharika Das, educated students about water quality testing and purification techniques. In the domain of healthcare, Professors Brig. (Dr.) Sudhanshu Rath and Dr. Jyochnamayi Panda,

along with Dr. P.V. Samir and his team, imparted valuable insights on menstrual health and oral hygiene. Coordinated by PA-ITDA, Phulbani, the initiative strives to holistically uplift the wellness of tribal children, contributing to their healthier future.

Fig. 2.4: Project on Wellness Of Tribal Children in Kandhamal

https://news.kiit.ac.in/kiitnews/kiit-launches-project-on-wellness-of-tribal-children-in-kandhamal-district-of-odisha/

2.7. KIIT NSS Electronics Organizes Awareness Program on Omicron with Food & Mask Distribution

On January 8, 2022, the KIIT NSS Bureau, School of Electronics Engineering, orchestrated a food and mask distribution drive at Tangibanta village. Led by Prof. Sruti S. Singh, NSS Program Officer, the volunteers aimed to raise awareness about the Omicron variant amid the third wave of the Covid-19 pandemic. Recognizing the dire circumstances faced by those without shelter or sustenance, the dedicated team distributed over 70 food packets and 100 masks to the villagers. Heartfelt appreciation was expressed towards Dr. Achutya Samanta, Prof. Sasmita Samanta, Prof. Kajal Parashar, and the KIIT NSS Electronics Program Officers for their unwavering support and guidance.

Fig. 2.5: Awareness Program on Omicron with Food & Mask Distribution

https://news.kiit.ac.in/nss/kiit-nss-electronics-organizes-awareness-program-on-omicron-with-food-mask-distribution/

2.8. KINS NSS Unit Organizes "Swastha Balak Balika Spradha" 2022

On January 10, 2022, the NSS Unit of Kalinga Institute of Nursing Science (KINS), KIIT, organized a virtual seminar titled "Swastha Balika Balak Spradha." This informative event was led by dedicated NSS volunteers from the 2nd and 3rd year of B.Sc. Nursing at KINS, with guidance from NSS Program Officers, Ms. Diani Sunita and Ms. Anita Panigrahi.

The seminar began with Dr. (Prof.) Niyati Das, Principal and HOD of Child Health Nursing at KINS, emphasizing the mission behind "Swastha Balika Balak Spradha," focusing on combatting malnutrition in children under five and anemia in adolescent girls. Dr. Kajal Parashar, Deputy Director CEC, highlighted the importance of nutrition across all age groups and the crucial role nurses play in the community.

Throughout the seminar, topics like government schemes, growth monitoring, health, and nutrition were discussed by various presenters, including Ms. Tithi Pal, Ms. Mehreen Akhtar, Ms. Mamta Kesson, Mr. Kamran Rashid, and Ms. Ritika Roy, all underlining the significance of a nutritious diet for a healthy and thriving nation.
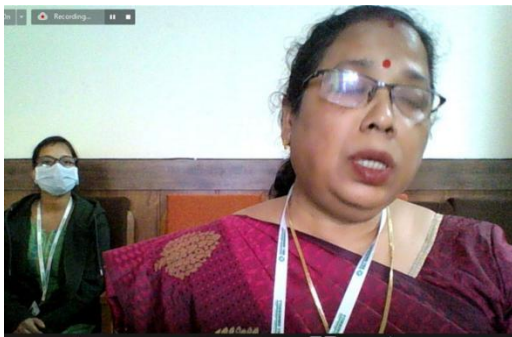

Fig. 2.6: Swastha Balak Balika Spradha

https://news.kiit.ac.in/kiitnews/kins-nss-unit-organizes-swastha-balak-balika-spradha-2022/

2.9. KIIT-KISS Inks MoU with Choice Welfare Foundation Choice-KISS Residential School to open in Maharashtra

An MoU was signed on January 16, 2022, between Kalinga Institute of Social Sciences (KISS) and Choice Welfare Foundation of Mumbai. The collaboration aims to establish Choice – KISS Residential School in the outskirts of Mumbai, Maharashtra. The school's inception is set to benefit marginalized and tribal students in the region. The MoU was signed by Sunil Patodia of Choice Welfare Foundation and Dr. Achyuta Samanta, Founder of KIIT and KISS. The Foundation, led by Mr. Patodia, has secured 25 acres of land and funds for the school's infrastructure. This expansion aligns with KISS's successful educational model and its presence in three major Indian cities. Dr. Samanta expressed pride in KISS's recognition and success, emphasizing its positive impact on society. The new school in Mumbai marks a significant step toward providing quality education to underprivileged youth in Maharashtra.

Fig. 2.7: Choice Welfare Foundation Choice-KISS Residential School

https://news.kiit.ac.in/mou/kiss-inks-mou-with-choice-welfare-foundation-choice-kiss-residential-school-to-open-in-maharashtra/

2.10. KIIT Organizes 3rd National Rural Management Conclave

On February 5, 2022, KIIT School of Rural Management organized the 3rd National Rural Management Conclave, centered around the theme "Inclusive Finance - An Enabler of SDGs and Civil Society Organizations in Advancement of SDGs." The keynote address was delivered by Shri Jagadananda, a prominent figure associated with NITI Aayog and CYSD. He highlighted the catalysts of change, such as universal basic income, localized economies, and empowered youth, emphasizing the pivotal role of civil society in facilitating connections and influencing progress.

The conclave featured insightful panel discussions. The 'Inclusive Finance - An Enabler of SDGs' panel included distinguished members from the microfinance sector, who discussed the sector's evolution, significance, and its alignment with Sustainable Development Goals (SDGs). Trust, outreach, and technology emerged as crucial aspects of microfinance.

The 'Civil Society Organizations in Advancement of SDGs' panel stressed the importance of academia-civil society partnerships in shaping worldviews. However, it also acknowledged the challenge of engaging youth in this sector. The panel passionately advocated for students and young individuals to become agents of change, working towards a more equitable and just society that upholds human dignity.

Fig. 2.8: 3rd National Rural Management Conclave

https://ksrm.ac.in/ksrm-organises-3rd-national-rural-management-conclave/

2.11. KIIT Organizes Webinar on Perspectives in Development

As part of the "Perspectives in Development" webinar series, KIIT School of Rural Management (KSRM) organized an insightful talk on February 23, 2022, for students pursuing MBA (RM), MBA (ABM), and PGDCD programs. Mr. V. Vivekanandan, Director of FishMARC at Vrutti – livelihood impact partners, took the floor and shared his valuable experiences, harking back to his days as a pioneer in the first batch of students at IRMA (Institute of Rural Management Anand).

During his talk, Mr. Vivekanandan highlighted the dynamic nature of rural management as a discipline, shedding light on its continuous evolution. Drawing from his own illustrious career, he discussed the formation and significance of fisheries cooperatives, elaborating on their models, regional impacts, and the challenges faced in their

implementation. He emphasized the vital role played by rural management professionals in safeguarding the well-being of rural communities, stressing their commitment to the welfare of specific sectors while staying true to the broader goal of rural development.

https://news.kiit.ac.in/schools/ksrm/ksrm-organizes-webinar-on-perspectives-in-development-4/

2.12. Talk Show by Keurig Society of KIIT

"Keurig," the KIIT Food Society operating under the KIIT Student Activity Centre (KSAC), recently hosted "Dawat-e-Keurig 2.0," an engaging Talk Show featuring Chef Muraleedharan Parammal, currently serving as the Executive Chef at Radisson, Goa, with a remarkable 28-year culinary career. The 40-minute interview was broadcast live on the KSAC Facebook page, providing students with a unique opportunity to delve into Chef Parammal's career journey and his passion for crafting special dishes.

During the discussion, Chef Parammal generously shared culinary tips with the students, fostering valuable exchanges and sparking creative ideas. The event concluded with an interactive Q&A session, where Chef Parammal addressed queries from Keurig members. Aniket Patro skillfully hosted the talk show, and the entire event was meticulously coordinated by the dedicated team behind "Keurig." Dr. Shyam Sundar Behura, Deputy Director-Student Services at KIIT-DU, expressed gratitude to the speaker for imparting his expertise to the young audience and commended Team Keurig for their excellent presentation.

Fig. 2.9: Talk Show by Keurig Society of KSAC

https://news.kiit.ac.in/ksac/talk-show-by-keurig-society-of-ksac/

2.13. KIIT Organizes Seminar on 'Growth, Development & Sustainability: Challenges in India'

In the pursuit of understanding the complex dimensions of growth, development, and sustainability, KIIT School of Social, Financial & Human Sciences (KSFH) orchestrated a compelling talk titled "Growth, Development & Sustainability: Challenges in India." The session featured Prof. Satya N. Mishra, Dean of KIIT School of Management, as the expert speaker. Prof. Mishra embarked on a journey from the classical theories of economics, as elucidated by Adam Smith, to their contemporary relevance, delving into the challenges that have shaped India's developmental trajectory since gaining independence. He also underscored the remarkable achievements India has accomplished over the past seven decades.

KSFH has consistently been at the forefront of organizing seminars and workshops on pressing issues, and this event marked a significant return to physical gatherings after the pandemic-induced hiatus. The palpable joy on the faces of students and faculty members reflected their enthusiasm for this in-person engagement. Moreover, the occasion was also an opportunity to honor and celebrate the exceptional performance of KSFH students in the recently concluded 1st Odisha Inter-University Games at Baripada.

Fig. 2.10: Growth, Development & Sustainability: Challenges in India

https://news.kiit.ac.in/ksfh/ksfh-organizes-seminar-on-growth-development-sustainability-challenges-in-india

2.14. KINS Organizes School Health Programme

The 2nd Year M.Sc. Nursing students of Community Health Nursing Department, KINS and 3rd Year GNM students organized a School Health Service on 26th March 2022. The program was conducted under the mentorship and guidance of Prof. Dr. Niyati Das, Principal; Prof. Dr. Anasuya Pattanayak, HOD Community Health Nursing Department; Mrs. Trupti Rekha Swain, Assistant Professor; and Mrs. Prativa Ray, Tutor, KINS at Sarkari Uccha Prathamik Vidyalaya, Harekrishna Nagar, Niladri Vihar Urban slum. School children of Class 6-8 participated in the programme, under which their health assessment, including anthropometric measurement and physical examination, was performed by GNM students. They demonstrated hand washing techniques and provided health education on personal hygiene to the school students. A role-play was also enacted by GNM students on the topic "Good Touch – Bad Touch".Prof. Dr. Niyati Das; Prof. Dr. Anasuya Pattanayak; and Mr. Chandan Pradhan, Assistant Professor KINS were present. It was a pleasant experience for KINS students to conduct an offline program after the lockdown. The programme ended with distribution of food packets among the children and teachers of the school.

Fig. 2.11: School Health Programme

https://news.kiit.ac.in/schools/school-of-nursing-sciences/kins-organizes-school-health-programme

2.16. 18th Foundation Day of KIIT-DU India's Food Security System is an Example before the World: Mr. Bishow Parajuli, WFP India Representative

On the 16th of February 2022, Mr. Bishow Parajuli, the United Nations World Food Programme (WFP) Representative and Country Director to India, delivered the 18th Foundation Day Lecture at Kalinga Institute of

Industrial Technology (KIIT) Deemed to be University in Bhubaneswar.

He extended his congratulations to Prof. Achyuta Samanta, the Founder of KIIT & KISS, for creating an institution that has significantly contributed to knowledge dissemination, job creation, transformation of lives, and nation-building. KIIT, established in 1992 and granted Deemed to be University status in 2004, boasts a diverse student body of 30,000 from across India and 65 countries. It is renowned for its student-friendly campus culture rooted in compassion and humanity.

Mr. Parajuli also highlighted India's impressive progress in food security over the past five decades, transitioning from a food-dependent nation to a food surplus one. He attributed this achievement to factors like food production, supportive policies, advancements in science and technology, efficient supply chains, and market access.

Mr. Parajuli's extensive experience in development, humanitarian affairs, diplomacy, fundraising, and management spanning over 35 years added weight to his insights and observations. KIIT's recognition as an 'Institution of Eminence' by the Government of India and its consistent high rankings in national and global university assessments, such as NIRF, Times Higher Education, and QS, underscore its commitment to quality education and research.

Fig. 2.12: 18th Foundation Day of KIIT-DU

https://news.kiit.ac.in/kiitnews/18th-foundation-day-of-kiit-du-indias-food-security-system-is-an-example-before-the-world/

2.17. NSS Wing of KIDS Organizes Oral Health Awareness and Screening Camp

In line with the profound philosophy of the "Art of Giving," originally championed by the visionary Founder, Dr. Achyuta Samanta, the National Service Scheme (NSS) wing of Kalinga Institute of Dental Sciences (KIDS) orchestrated a remarkable initiative. They organized an Oral Health Awareness and Screening Camp at Adruta Children's Home, situated in Chandaka, Bhubaneswar.

A dedicated team comprising Post-Graduate Trainees and House Surgeons, led by NSS Programme Officer Dr. Dhirendra Kumar Singh and Dr. Arpita Singh, a Ph.D. Scholar at KIDS, executed this noble endeavor. Over 120 children were thoughtfully screened for various oral health issues, with an emphasis on educating them about oral health and hygiene practices. Additionally, valuable guidance was provided on maintaining a healthy diet.

The compassionate team extended their benevolence further by distributing free study materials to the orphaned children. They commended the Founder's unwavering commitment to serving the society and people of Odisha, exemplifying the true essence of the "Art of Giving."

Fig. 2.13: Oral Health Awareness and Screening Camp

https://kids.kiit.ac.in/nss-wing-kids-organizes-oral-health-awareness-and-screening-camp/

2.18. Chudanga Adopted as NSS Village by KIIT NSS Bureau

On April 17, 2022, Chudanga village in Daruthenga Gram Panchayat, situated under Bhubaneswar Block, received a ray of hope as it was adopted as an NSS (National Service Scheme) Village by the KIIT NSS Bureau. This initiative involves the active participation of NSS volunteers from three schools of KIIT Deemed to be University - the School of Mass

Communication, School of Fashion Technology, and School of Film and Media Sciences. Their collective mission is to drive social change and transform Chudanga into a model NSS village.

Chudanga, despite its proximity to Bhubaneswar, had been grappling with developmental challenges, particularly in its tribal community. Dr. Kajal Parasar, Programme Coordinator of KIIT NSS Bureau, expressed the commitment to uplift the village through this noble endeavor.

An adaptation process meeting in Chudanga village featured discussions led by Dr. Prabhat Kumar Rout and Dr. Bidu Bhusan Dash, Programme Officers of KIIT NSS Bureau. They highlighted the significant role NSS volunteers can play in facilitating development and social progress. A coordination committee, comprising both youth and women, was formed to ensure the seamless execution of NSS activities in the village, with Mr. Chakrabarti serving as the chairman and Dr. Dash as the convenor of this committee. This collaborative effort promises a brighter future for Chudanga village and its residents.

Fig. 2.14: Chudanga adopted as NSS Village

https://news.kiit.ac.in/schools/mass-communication/chudanga-adopted-as-nss-village-by-kiit-nss-bureau/

2.19. Art of Giving (AOG) Celebrates 9th Anniversary; observing it as UN Proclaimed Day on cards

On May 17, India and numerous countries globally commemorated the 9th anniversary of the Art of Giving (AOG), an initiative pioneered by Prof. Achyuta Samanta, the founder of KIIT, KISS, and KIMS. AOG aims to foster equitable and harmonious societal relations. This year's theme centered around hope, harmony, and happiness. Prof. Samanta unveiled plans to propose May 17 as the official Art of Giving day to the United Nations.

The event was graced by the Hon'ble Governor of Odisha, Prof. Ganeshi Lal, who lauded Prof. Samanta's groundbreaking initiative. He highlighted how AOG transcends barriers, resonating with all individuals regardless of caste, creed, or religion. Drawing parallels to devotion towards Lord Jagannath, he described AOG as akin to "bringing heaven to earth." AOG has evolved into a grassroots movement, spreading hope and happiness, particularly among marginalized communities. Prof. Achyuta Samanta expressed his optimism about AOG becoming a UN-recognized day by its 10th anniversary, akin to International Yoga Day on June 21. He recounted the inception of AOG in 2013 during a journey to Bangalore, inspired by his belief in compassionate giving's role in his achievements. Swami Sivachidananda Saraswati highlighted the tradition of giving in Guruji Swami Shivananda's teachings, which aligns with AOG's ethos. Prof. Samanta's vision continues to unite people under the banner of generosity and benevolence.

Fig. 2.15: AOG Celebrates 9th Anniversary

https://news.kiit.ac.in/kiitnews/aog-celebrates-9th-anniversary-observing-it-as-un-proclaimed-day-on-cards/

2.20. Inauguration of KISS Kalahandi Residential School

Odisha Chief Minister Shri Naveen Patnaik inaugurated the 'KISS-Kalahandi' Residential School, an initiative by the Kalinga Institute of Social Sciences (KISS), in the Kalahandi District. This eco-friendly and Wi-Fi enabled campus, located in Badli under Bhawanipatna Block, is a significant addition to the state's education landscape. The Chief Minister expressed his happiness at the inauguration and praised Dr.

Achyuta Samanta, the Founder of KIIT & KISS, for his contributions to education and transformation in Odisha.

Highlighting the importance of education, Chief Minister Patnaik emphasized that it is a medium for transformation and has the power to change lives. He acknowledged the impact of KISS in providing quality education to underprivileged children across the state. MP Basanta Kumar Panda and MP Sujit Kumar also commended Dr. Samanta's efforts in tribal development through education. They recognized KISS-Kalahandi's potential to further uplift the education sector in the region.

Dr. Achyuta Samanta, in his welcome address, highlighted the significant investment made in the KISS-Kalahandi campus and announced the opening of a 200-bed hospital in the district. The school will provide free quality education to 1200 underprivileged tribal children in its first phase. KISS has been expanding its reach across Odisha, contributing to the state's educational growth and development.

Fig. 2.16: KISS Kalahandi Residential School Inauguration

https://news.kiit.ac.in/kiss/kiss-kalahandi-residential-school-inaugurated-by-odisha-chief-minister/

2.21. Free Dental Camp By NSS-KIDS at KISS Rathyatra Festival

The NSS Unit of Kalinga Institute of Dental Sciences (KIDS) at KISS Gundicha Temple in Bhubaneswar has initiated a commendable 7-day free screening and treatment camp for oral health. The camp was inaugurated by Prof. Achyuta Samanta, Founder of KIIT & KISS, along with other esteemed individuals, including Dr. Ashwini Kumar Kar, Principal of KIDS, Dr. Jugajyoti Pathi, Assistant Director (Admin.) at KIDS, and Prof. Kajal Parashar, Director of KIIT Community Engagement Cell.

The camp is managed by a dedicated team comprising five postgraduates, 20 interns, and four paramedical staff. On the first day, a total of 79 patients received oral screenings and benefited from free oral prophylaxis. Patients were also counseled and encouraged to seek routine dental treatments at the Dental Hospital.

This special camp will run until the conclusion of the holy Rathyatra festival, with an expected outreach to around 2000 patients, providing much-needed free dental and oral health care. The initiative reflects a commitment to community well-being and oral health awareness.

Fig. 2.17: Free Dental Camp by NSS-KIDS

https://news.kiit.ac.in/kims/free-dental-camp-by-nss-kids-at-kiss-rathyatra-festival/

2.22. KIMS Conducts A Health Check-Up Camp

KIMS (Kalinga Institute of Medical Sciences) organized a Health Check-up Camp at Ramadevi Girls High School, Bhubaneswar, on July 16th, 2022, garnering an overwhelmingly positive response. Around 150 students participated in the Health Screening Camp, reflecting the importance of such initiatives.

To ensure comprehensive care, KIMS provided medical experts from different departments: Dr. Geetanjali from Ophthalmology, Dr. Rajalaxmio Moharana from Gynaecology, and Dr. Ritanjali from Dermatology. The camp also included an Optometrist, two staff nurses, a Housekeeping member, and a Camp Coordinator from the Marketing Team.

The services provided by KIMS were well-received by the school, prompting them to consider similar initiatives more frequently in the future. This collaboration signifies the

commitment of KIMS to contribute to the health and well-being of the younger generation by offering accessible and comprehensive healthcare services.

Fig. 2.18: Health Check-Up Camp

https://news.kiit.ac.in/kims/kims-conducts-a-health-check-up-camp/

2.23. New Benchmarks In Healthcare Services CM Inaugurates KIMS Super Specialty Hospital & Cancer Centre

On a momentous occasion, Odisha Chief Minister Shri Naveen Patnaik inaugurated the KIMS Super Specialty Hospital and the KIMS Cancer Centre, marked by cutting-edge infrastructure and advanced facilities. The event witnessed the presence of Naba Kishore Das, Minister of Health and Family Welfare of the Odisha Government, as well as Dr. Achyuta Samanta, the visionary Founder of KIIT, KISS, and KIMS.

During the visit, the Chief Minister took a tour of the KIMS campus using a battery-operated vehicle, expressing his admiration for the new facilities. He lauded the patient-centric initiatives integrated into KIMS, highlighting their significance in enhancing healthcare accessibility.

Fig. 2.19: Inauguration of KIMS Super Specialty Hospital & Cancer Centre

The expansion of KIMS's infrastructure to include 1600 fully air-conditioned beds signifies a notable step towards catering to the general public and economically disadvantaged

individuals. The state-of-the-art complexes are poised to provide advanced healthcare services to patients not only from Odisha but also from neighboring states like West Bengal, Bihar, and Jharkhand. This development stands as a testament to KIMS's commitment to delivering exceptional healthcare services to a broader demographic, reflecting their dedication to improving the region's medical landscape.

https://news.kiit.ac.in/kims/new-benchmarks-in-healthcare-services-cm-inaugurates-kims-super-specialty-hospital-cancer-centre/

2.24. KSOM Conducts Management Development Program on "Advanced Supply Chain Management"

In July 2022, KIIT School of Management (KSOM) hosted a Management Development Program focused on "Advanced Supply Chain Management" for executives from Crompton Greaves. This program shed light on the critical role that supply chains play in our global economy, often functioning as the lifeblood that sustains commerce and our daily lives.

The pandemic's disruptions highlighted the intricate nature of supply chains, drawing attention to their vulnerability and environmental impact. Much of the handling, movement, and storage of products now relies on specialized logistics service providers, whose operations have grown increasingly complex. As a result, there is a growing need for professionals with specific competencies in supply chain management to ensure their effectiveness. This program aimed to equip executives with the knowledge and skills necessary to navigate this intricate and vital aspect of modern business, ensuring smoother operations and resilience in the face of future challenges.

Fig. 2.20: Management Development Program on "Advanced Supply Chain Management"

https://ksom.ac.in/management-development-program-on-advanced-supply-chain-management-for-crompton-greaves-executives-21st-22nd-july-2022/

2.25. Seminar on Sustainable Tribal Development at KIIT-KISS

The Indian Institute of Public Administration (IIPA), Regional Branch, Bhubaneswar organized a seminar on 'Sustainable Tribal Development' in collaboration with the Kalinga Institute of Social Sciences (KISS), Bhubaneswar on 13th August 2022. Delivering the inaugural address, Dr. Arun Kumar Rath, I.A.S (Retd.), Chairman of IIPA, Regional Branch, Bhubaneswar spoke about the various ways of preserving tribal dialects and culture. He also spoke about integration of tribal communities.

Mr. Sanjib Kumar Hota, I.A.S (Retd.) and former Chairman, IIPA, Regional Branch Bhubaneswar, touched upon various nuances of tribal development, while stressing on ensuring the sustainability of tribal dialects and preservation of their unique way of life. He recommended a new normative yardstick for developing infrastructure in tribal areas and made a case for pro-tribal governance in scheduled areas. The biodiversity in tribal areas has been adversely affected by mindless activities, Mr. Hota lamented, while suggesting application of tribal wisdom and knowledge systems.

Fig. 2.21: Seminar on Sustainable Tribal Development

https://news.kiit.ac.in/kiss/seminar-on-sustainable-tribal-development-at-kiss-du/

2.26. Guest Talk on 'Prospective Development' At KSRM

KIIT School of Rural Management (KSRM) organized a Guest Talk on 'Prospective & Development' by Mr. Debaraj Behera, International Consultant, Food and Agriculture Organization (FAO), UN and Global Food and Agriculture Practice (GFADR), The World Bank on 20th August 2022. Mr. Behera, who holds PG Diploma in Rural Management from IRMA, has designed large scale community-driven development projects of the World Bank in South East Asia and East Asia Pacific. Apart from this, he has fifteen years of implementation experience in the Ministry of Rural Development (Government of India), Department of Rural Development (Government of Bihar), NGOs, and the private sector.

Fig. 2.22: Prospective Development

https://news.kiit.ac.in/kiit-events/talk/guest-talk-on-prospective-development-at-ksrm/

2.26. "Art of Giving" Volunteers Provide Succour to the Flood-Hit

Massive floods resulting from heavy rainfall have engulfed vast swathes of populated land in Odisha. Downstream river Mahanadi inundated thousands of villages and vast tracts of farmlands. Lakhs of vulnerable people and domestic animals have been marooned and rendered homeless. The fury of flood waters has forced them to live a life of great misery.

At this crucial and challenging time, the "Art of Giving" volunteers from KIIT Deemed to be University in collaboration with the local volunteers and ODRAF team members, braving their lives in the gushing flood waters, have come to the rescue of 500 stranded villagers of Sukhukhala under Banki subdivision in Cuttack district.

Playing the role of angels, the "Art of Giving" volunteers provided them with relief materials, including dry food, essential medicines, drinking water, sanitary napkins and fodder for livestock. It is noteworthy that the team was the first to reach the distressed people with relief materials which provided much-needed succour and emotional support in the hour of

crisis. The team is active and is playing a crucial supportive role in various parts of the State.

Fig. 2.23: Art of Giving: Succour to the Flood-Hit

https://news.kiit.ac.in/aog/art-of-giving-volunteers-provide-succour-to-the-flood-hit/

2.27. Kalarabank Smart Village Highlighted At Ideal Village Conference

Dr. Priti Ranjan Sahoo, Associate Professor at KIIT School of Management, presented a technical paper titled "Enhancing the accessibility of school among rural students: A study on Kalarabank Smart Village" at the 7th Ideal Village Conference on "Rural Transformation for Sustainable Growth," hosted by Banaras Hindu University (BHU). This conference, organized by the Stanford Ideal Village Project of Stanford University in collaboration with various esteemed organizations, aimed to address rural development.

The paper highlighted Kalarabank, a remote village in Odisha transformed into a 'Smart Village' by KIIT under the visionary leadership of Prof. Achyuta Samanta. Dr. Sahoo's study showcased the positive impact of Kalinga English Medium School in enhancing primary to high school education accessibility for rural students.

Reviewers appreciated the findings, emphasizing the convenience of the rural campus, equipped with essential amenities. Kalarabank's journey, from becoming a model village to a smart village with Wi-Fi and solar energy capabilities, serves as a remarkable example of rural transformation led by a self-financing university, KIIT.

The conference, attended by dignitaries from various sectors, deliberated on critical aspects of rural development across multiple tracks, reflecting the growing commitment to sustainable growth in rural India.

Fig. 2.24: Kalarabank Smart Village

https://news.kiit.ac.in/kiitnews/kalarabank-smart-village-highlighted-at-ideal-village-conference/

2.28. National Seminar on International Year of Millets 2023 (IYoM-2023): Millets: Miracle Foods For Future

In preparation for the International Year of Millet 2023 (IYoM 2023), the School of Comparative Indic Studies and Tribal Science, along with the Centre for Indigenous Science and Technology at KIIT-KISS, jointly organized a one-day national seminar titled 'Millets: Miracle Foods for Future' on December 19, 2022. This event, conducted in a hybrid mode, aimed to shed light on the significance of millets as a vital component of our dietary future. Keynote speaker Dr. M. Muthamilarasan from the University of Hyderabad, along with distinguished speakers Dr. Seema Pradhan and Dr. Namisha Sharma from the Institute of Life Sciences in Bhubaneshwar, shared their insights on millets.
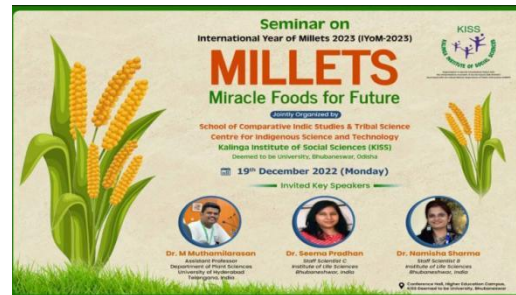

Fig. 2.25: National Seminar on International Year of Millets 2023

Professor Deepak Kumar Behera, KISS, emphasized the importance of raising awareness about millets, especially within tribal communities in Odisha. Their resurgence aligns with several Sustainable Development Goals (SDGs), such as Zero Hunger, Excellent

Health and Well-being, Decent Work and Economic Growth, Sustainable Consumption and Production, Climate Action, and Global Partnership. The seminar set the stage for a year of concerted efforts to promote millets as a sustainable and nutritious food source.

https://news.kiit.ac.in/kiit-events/seminar/national-seminar-on-international-year-of-millets-2023-iyom-2023-millets-miracle-foods-for-future/

2.29. KIDS Conducts Free Dental Screening and Treatment Camps

The Department of Public Health Dentistry at Kalinga Institute of Dental Sciences (KIDS), Bhubaneswar, has embarked on a collaborative effort with the HMV Driver Training Institute in Chhatia, in line with the philanthropic philosophy of the "Art of Giving" championed by Founder Prof. Dr. Achyuta Samanta. Dr. Jugajyoti Pathi, Deputy Director (Administration) at KIDS, and Principal Dr. Aswini Kumar Kar spearheaded this initiative.

Through joint cooperation and coordination, led by Dr. Ipseeta Menon (HoD and Professor) and the Public Health Dentistry Department's staff, the institutes have planned to conduct free dental screening and treatment camps on a weekly basis at the HMV Driver Training Institute in Chhatia. Patients attending these camps will receive consultation and various treatments such as teeth cleaning, extractions, and fillings at no cost. For more complex treatments, patients will be referred to KIDS.

Fig. 2.26: Free Dental Screening and Treatment Camps

This initiative not only benefits the drivers' training institute's staff and students but also underscores the importance of oral health and hygiene. The recent dental camp at the HMV Driver Training Institute, where 66 individuals received basic dental care and referrals for further treatment, highlights the positive impact of this collaboration in promoting oral health awareness and providing essential dental services.

https://news.kiit.ac.in/kids/kids-conducts-free-dental-screening-and-treatment-camps/

2.30. Medical Emergencies: KIMS to Upgrade Knowledge Base of Doctors in Remote Odisha

Kalinga Institute of Medical Sciences (KIMS), a part of KIIT-Deemed-to-be-University, is reinforcing its commitment to "healthcare with a healing touch" by extending its outreach to primary health centers (PHCs) and community health centers (CHCs) across Odisha. This initiative aims to impart crucial knowledge about managing medical emergencies to healthcare professionals in these rural healthcare facilities.

During the 5th Continuing Medical Education (CME) event held as part of KIIT-DU's Silver Jubilee celebrations, doctors from PHCs and CHCs in the state were given the unique opportunity to enhance their skills in treating trauma and emergency cases. Renowned experts shared valuable insights on efficiently and accurately managing critical cases within the crucial "golden hour" following an emergency. By extending their expertise and knowledge, KIMS seeks to empower healthcare providers in remote areas to save lives and improve healthcare outcomes in Odisha.

Fig. 2.27: Medical Emergencies

https://news.kiit.ac.in/kims/medical-emergencies-kims-to-upgrade-knowledge-base-of-doctors-in-remote-odisha/

For more details:
https://news.kiit.ac.in/
https://nss.kiit.ac.in/

3 GOOD HEALTH AND WELL-BEING

Ensure healthy lives and promote well-being for all at all ages

KIIT University is focused on providing an ecosystem for good health and well being for its staff, students and community around and has taken major initiatives which are discussed as follows-

3.1. Super-specialty Hospital-KIMS and its Activities in Health Care

The Kalinga Institute of Medical Sciences (KIMS), a medical unit of KIIT University has etched its place among the premier medical institutions in Odisha and outside because of its consistent efforts to maintain and nurture the highest standard of medical care. It has 1,750 beds and each Department has state-of-art facilities to provide holistic care and treatment to the patients. The hospital provides high-quality comprehensive healthcare providing medical treatment in a wide range of disciplines. It offers super speciality services with state-of-the-art equipment for Gastro Sciences, Cardiac Sciences, Neuro Sciences, Pediatric Sciences, Cancer Care centre, Rheumatology, Nephrology and Urology with dialysis and Kidney transplant facility. It also has departments like General Surgery, Orthopedics, Laparoscopic Surgery, Plastic Surgery, Ophthalmology, Otorhinolaryngology(ENT) , General Medicine, Endocrinology, Pulmonology, Dermatology, Psychiatry and Pain and Palliative Care clinic. Furthermore, a 24 x 7 central National Accredited laboratory (NABL), Radiological services and Blood Bank makes sure that the care is immediate and second to none.
https://kims.kiit.ac.in/

Fig. 3.1: KIMS Hospital, Bhubaneswar

➤ All students and staff members are covered under medical insurance and have got 24x7 access to all medical facilities of the KIMS.
➤ 4 specialized COVID-19 hospitals with total bed capacity of 1050 were established in the City of Bhubaneswar and in the districts of Balangir, Mayurbhanj and Kandhamal along with quarantine centers and isolation facilities in collaboration with Odisha Government and Orissa Mining Corporation. 1,50,000+ patients were successfully treated.
➤ The University has ensured all types of diagnostic facilities (including antigen and RT-PCR test) with approval from the Indian Council of Medical Research. 3,20,000+ tests have been conducted so far.
➤ Specialty Clinic for patients suffering from post-COVID syndrome and specialized Post-

COVID Mother & Child Clinic were established.

- Telemedicine Facility and online healthcare consultancy with solutions was started in 10 districts of the State.
- Tele-counseling Cell has been functioning to provide necessary support for stress management and emotional wellness (06747105371) to the different families affected by the pandemic. Counseling cell has been set up to address the issues associated with stress felt by staff members and students if any.
- Medical clinics exist in different districts of the state providing free medical services and aids to the people of the region and is solely managed by KIMS, the medical unit of the University.
- Rural Health Centre with Tele-medicine Facility established in Kalarabanka in Odisha state of India provides health-care services to the people of the village and nearby villages. The Centre had been set up by KIMS, has tele-medicine facilities which allows people of the area to avail expert consultation from eminent doctors of the super-specialty hospital at their doorstep. It also regularly conducts health camps in the village. Local people have benefitted immensely due to health-care facility and awareness by the 100-bedded primary health centre. Likewise, KIMS has made available latest and affordable medical facility through the tele-medicine centre in many parts of the state.
- Clinical Specialists at KIMS provided remote health consultation including diabetic, Rheumatology, Nephrology and other super specialty consultation services, facilitating the regular interaction of doctors and patients of the village for follow up and obtaining expert clinical opinion.
- KIMS facilitates capturing of patient health data and preservation for certain period time and retrieval for medical analysis, as and when necessary at the time of follow up visits. The interaction with the patients of the village by doctors in KIMS and treatment history are being transcribed and preserved as medical records. The vital parameters of remote patients (like BP, ECG, etc.) are visible to doctors through Tele-presence solutions and there is end-to-end integration of Bio-medical equipment, and video conferencing equipment.

- Mobile Clinic, High-end patient care including super-specialty services were provided at the door step.
- Medical camps and awareness programs have been organized in different districts of the state of Odisha to spread awareness on proper hygiene, sanitation, infectious disease control, prevention measures, healthy nutrition and good food eating habits, cleanliness for different age groups, and ill effects of tobacco products and alcohol consumption.
- Wellness clinics have been established in the city of Bhubaneswar and are several districts of the state by the University supported by its medical unit. These clinics provide services associated with naturopathy treatment, counseling services, rehabilitation and de-addiction therapy. So far, more than 50,000 people have been cured of mental tension and severe addiction.
- Webinars on COVID-19 awareness and Prevention, Impact on Live & Livelihood, Role of Nurses in management of COVID-19, Entrepreneur opportunities during and post COVID-19 etc have been conducted.
- Training Programs were organized on basic life support, cardiopulmonary resuscitation and first aid, and on fire safety and prevention during 2022 with 250+ participants across the state.
- The University has initiated the School of Yoga to emphasize on the yogic practices and its benefits to the students, staff, general public. Awareness programs, webinars, and special sessions are conducted round the year for students, staff members and general public. The International Yoga Day was celebrated on 21st June,2022 amid great enthusiasm.
- The Mega Health Camp with free medicine distribution was held in every block headquarters of the four districts- Kandhamal, Boudh, Nayagarh and Ganjam on first Sunday of every month. The programme was held in 20 blocks of these districts in first phase. Doctors, specialists and para-medical staff from KIMS joined the camp and provided health services. Besides, the mega health camp was also held in district headquarters twice a month. Doctors and specialists with modern medical equipment were available in these health camps.

3.2. KINS NSS Unit Organizes "Swastha Balak Balika Spradha" 2022

The NSS Unit of Kalinga Institute of Nursing Science (KINS), KIIT, organized a virtual seminar titled "Swastha Balika Balak Spradha" on January 10, 2022. This seminar was led by NSS volunteers from B.Sc. Nursing's 2nd and 3rd-year students, under the guidance of NSS Program officers Ms. Diani Sunita and Ms. Anita Panigrahi. Dr. (Prof.) Niyati Das, Principal and HOD of Child Health Nursing at KINS, highlighted the mission's focus on addressing malnutrition in under-five children and anemia among adolescent girls.

Dr. Kajal Parashar, Deputy Director CEC, emphasized the importance of nutrition in all age groups and the significant role nurses play at the community level. The seminar also discussed government schemes like Anganwadi Services and Poshan Abhiyaan, emphasizing growth monitoring. The students covered various aspects of health and nutrition, underlining their critical relationship with improved infant, child, and maternal health. They detailed the specific nutritional needs of both girls and boys, highlighting the importance of a healthy diet in preventing illnesses and enhancing the quality of life. This seminar served as a platform for educating and raising awareness about the crucial role of nutrition in ensuring the well-being of children and adolescents, emphasizing the vital role of healthcare professionals in this mission.
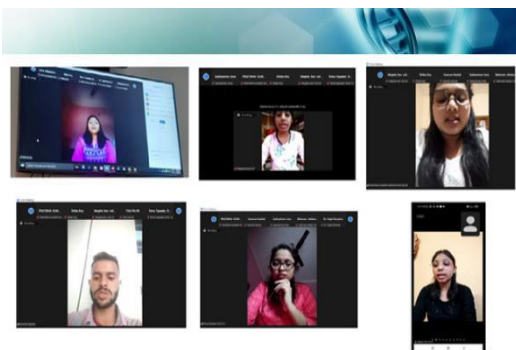

Fig. 3.2: KINS NSS Unit Organizes "Swastha Balak Balika Spradha" 2022

https://news.kiit.ac.in/kiitnews/kins-nss-unit-organizes-swastha-balak-balika-spradha-2022/

3.3. NSS School of Computer Engineering Organizes Happiness Concert

The NSS wing of KIIT School of Computer Engineering marked India's 73rd Republic Day with the 6th edition of the Happiness Concert, centered around the theme 'The Power of Youth - Unleashing a New Perspective.' The event was a vibrant celebration of patriotism, nationalism, and youth spirit, aimed at boosting the enthusiasm of the volunteers. The NSS SCE volunteers showcased their talents through live-streamed street plays (nukkad nataks), YouTube films, and individual performances encompassing music, dance, poetry, art, and other creative expressions. Dr. Kajal Parashar, Program Coordinator of NSS at KIIT-DU, inspired the volunteers with her words of wisdom and expressed her strong belief in the youth as the future leaders of the country. Prof. Sheetal Das, Prof. Ramakant Parida, and Dr. Minakhi Rout, Program Officers of NSS School of Computer Engineering, graced the occasion.

The NSS School of Computer Engineering extended its gratitude to KIIT's Founder, Dr. Achyuta Samanta, Vice-Chancellor Prof. Sasmita Samanta, Director Prof. Biswajeet Sahoo, Deans, and other dignitaries for their continuous support and encouragement. This event served as a platform for the youth to express their creativity, celebrate their patriotism, and be inspired for a brighter future.
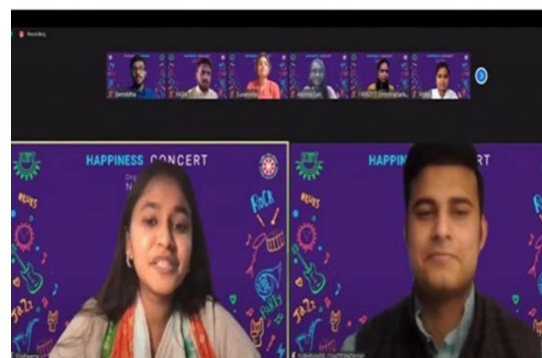

Fig. 3.3: NSS School of Computer Engineering Organizes Happiness Concert

https://news.kiit.ac.in/schools/sot/computer/nss-school-of-computer-engineering-organizes-happiness-concert/

3.4. Department of Community Medicine, KIMS Observes World Leprosy Day

The Department of Community Medicine at Kalinga Institute of Medical Sciences (KIMS) observed World Leprosy Day on January 30th and 31st, 2022, at the Urban Health and Training Centre in Niladri Vihar, Bhubaneswar. This annual event is held every last Sunday of January, with a focus on raising awareness about leprosy, learning from individuals who have experienced the disease, and advocating for the elimination of leprosy-related stigma and discrimination. The theme for the year 2022 was 'United for Dignity.'

During the event, Dr. Prem Sagar Panda and Dr. Alpana Mishra addressed the audience, shedding light on various aspects of leprosy. The program also featured an interactive session with the local community. Other notable participants included faculty members like Prof. Dr. S. R. Nayak, Dr. Ipsa Mohapatra, Dr. Geeta Chand Acharya, postgraduate student Dr. Laxmi Priyanka, and UHTC staff members, including Mr. Swarup Raychoudhury, Shradha Nayak, Satya Priya Nayak, and Ramesh Nayak. The program commenced with a warm welcome address by Dr. Krishna Mishra, In-Charge of UHTC. This observance of World Leprosy Day not only educates and raises awareness but also fosters a sense of community involvement and compassion in the fight against leprosy and the quest for dignity for affected individuals.

Fig. 3.4: Department of Community Medicine, KIMS Observes World Leprosy Day

https://news.kiit.ac.in/kims/department-of-community-medicine-kims-observes-world-leprosy-day/

3.5. KIMS Doctors Imparts WHO RAC Training

Reducing maternal mortality rates (MMR) is a critical goal for India, with unsafe abortions contributing to 8% of maternal deaths. To address this issue, the Ministry of Health and Family Welfare (MOHFW) amended the Medical Termination of Pregnancy (MTP) laws in India in September 2021, seeking to enhance women's access to safe abortion services. In line with this, the concept of Respectful Abortion Care (RAC) has been introduced as a collaborative effort between the World Health Organization (WHO) and the Federation of Obstetric and Gynecological Societies of India (FOGSI) to prevent maternal deaths related to abortions.

FOGSI, in partnership with the All Odisha Gynecological Obstetrics and Fertility Society (AOGO), organized a WHO RAC Training session on February 23, 2022, conducted online. Dr. Manasi Pattnaik from Kalinga Institute of Medical Sciences (KIMS) played a pivotal role in this training, educating over 150 doctors. The training covered pre and post-abortion care and highlighted the diverse safe abortion methods available today. This initiative reflects the commitment to improving women's reproductive health and ensuring that abortions are conducted with respect, dignity, and safety, thus contributing to the broader effort of reducing maternal mortality in India.

Fig. 3.5: KIMS Doctors Imparts WHO RAC Training

https://news.kiit.ac.in/kims/kims-doctors-imparts-who-rac-training/

3.6. KIMS Conducts Yoga Classes For First Year MBBS Students "Samatwam Yoga Uchyate" I.E. Evenness Of Mind Is Called Yoga

Kalinga Institute of Medical Sciences (KIMS) conducted a Yoga session for its 1st-year MBBS students on March 27, 2022, as part of their foundation course aligned with the revised CBME curriculum. The program, held at the KIIT Hockey stadium, was inaugurated by the Principal of KIMS, Brig. Dr. Ambika Prasad

Mohanty, who stressed the significance of incorporating yoga into daily life and the medical curriculum. Dr. Biswabandita Kar, Dean of KIIT School of Spiritualism & Yogic Sciences (KSSYS), highlighted the pivotal role of yoga during the Covid-19 pandemic in enhancing immunity and maintaining mental and physical strength.

Under the guidance of KSSYS faculty, the students demonstrated Yogasanas with proficiency. The session was attended by the Principal, Prof. Dr. Shubhransu Patro, Vice Principal of KIMS, Dr. Jayanti Mishra, Professor & Head of the Department of Physiology and Joint Coordinator of MEU, and Dr. Soumya Mishra, Student Counsellor & Associate Professor in the Department of Physiology. This initiative underlines the recognition of yoga as a valuable tool for promoting physical and mental well-being among future medical professionals and reflects the institution's commitment to holistic healthcare education.

Fig. 3.6: Yogic Session by KIIT School of Spiritualism & Yogic Sciences

https://news.kiit.ac.in/kims/kims-conducts-yoga-classes-for-first-year-mbbs-students-samatwam-yoga-uchyate-i-e-evenness-of-mind-is-called-yoga/

3.7. KIMS Orthopaedic Doctor Motivates 'Peer Trainers' for Persons with Spinal Injury

Dr. Tanmoy Mohanty, the Professor and Head of Orthopaedics at Kalinga Institute of Medical Sciences (KIMS) in Bhubaneswar, played a significant role as the Guest of Honour at the annual gathering of 'peer trainers' for individuals with spinal injuries at SVNIRTAR, Olatpur, Odisha, on March 22, 2022. The event was organized by The Ganga Foundation (TGF), which is dedicated to alleviating the challenges faced by individuals with spinal injuries. Their

flagship program, the 'peer trainer' initiative, involves individuals who have successfully navigated the difficulties of spinal injuries and emerged as survivors. These peer trainers serve as role models, offering hope and inspiration to fellow patients, encouraging them to recover and lead fulfilling lives.

The annual gathering brought together participants from all across India, creating a platform for interaction and motivation. Dr. Mohanty engaged with the peer trainers and organizers, delivering a motivational address to further encourage and empower those living with spinal injuries. The event symbolizes the vital support provided by organizations like TGF and the dedication of professionals like Dr. Mohanty in facilitating the recovery and well-being of individuals facing the challenges of spinal injuries.

Fig. 3.7: KIMS Orthopaedic Doctor Motivates 'Peer Trainers' for Persons with Spinal Injury

https://news.kiit.ac.in/kims/kims-orthopaedic-doctor-motivates-peer-trainers-for-persons-with-spinal-injury/

3.8. NSS Wing of KIDS Organizes Oral Health Awareness and Screening Camp

In alignment with the ethos of the "Art of Giving" initiated by the Founder, Dr. Achyuta Samanta, the National Service Scheme (NSS) wing of Kalinga Institute of Dental Sciences (KIDS) organized an Oral Health Awareness and Screening Camp at Adruta Children's Home in Chandaka, Bhubaneswar. The camp was a testament to the institution's commitment to community service and well-being.

A dedicated team of Post-Graduate Trainees and House Surgeons, under the supervision of NSS Programme officers, Dr. Dhirendra Kumar Singh and Dr. Arpita Singh, Ph.D. Scholar, KIDS,

conducted oral health screenings for more than 120 children. Besides the check-ups, the children received valuable education on maintaining oral health and hygiene, along with counseling regarding a nutritious diet for overall well-being. Furthermore, the team generously distributed free study materials to the orphaned children, further enriching their lives.

The management officials of Adruta Children's Home expressed their gratitude to Dr. Jugajyoti Pathi, Assistant Director (Admin.) and the entire team from KIDS. They also commended the Founder, Dr. Achyuta Samanta, for his unwavering dedication to serving society and the people of Odisha. This initiative exemplifies the institution's commitment to holistic community service and reflects the profound impact of the "Art of Giving" philosophy in transforming lives and fostering well-being.

Fig. 3.8: NSS Wing of KIDS Organizes Oral Health Awareness and Screening Camp

https://kids.kiit.ac.in/nss-wing-kids-organizes-oral-health-awareness-and-screening-camp/#iLightbox[gallery_image_1]/4

3.9. KIIT-NSS, KIDS Organize Workshop on "Yoga for Well being"

In preparation for International Yoga Day, the KIIT-NSS Bureau, in collaboration with Kalinga Institute of Dental Sciences (KIDS), organized a "Yoga for Wellbeing" workshop on April 30, 2022. This event featured two inspirational sessions by esteemed guest speakers, Dr. Niranjan Kar, Ex. DHS Odisha, and BK Durgesh

Nandini, Centre-in-Charge of Brahmakumaris Unit-8, Bhubaneswar. Dr. Kar emphasized the importance of maintaining a healthy lifestyle and explored the opportunities that come with a healthy life, while BK Durgesh Nandini delved into various modes of practicing Yoga and Pranayamas and their practical applications in daily life. She also conducted a live training session on yoga and meditation with the participants.

The workshop was inaugurated by Dr. Jugajyoti Pathi, Assistant Director (Admin.) of KIDS, and Prof. Dr. Aswini Kumar Kar, the Principal. They highlighted the significance of yoga in nurturing both the physical and mental well-being of individuals. Dr. Dhirendra Kumar Singh, a faculty member and the NSS Program Officer at KIDS, stressed the importance of self-reliance and self-support to lead a life free from stress and social burdens. He expressed gratitude to Dr. Achyuta Samanta, the Founder of KIIT & KISS, for serving as an inspiration to hold such events and programs. This workshop served as a meaningful step towards promoting the benefits of yoga and overall well-being in the community.

Fig. 3.9: Workshop on 'Total Well Being'

https://news.kiit.ac.in/kiitnews/kiit-nss-kids-organize-workshop-on-yoga-for-wellbeing/

3.10. KIMS Doctors' Innovation: A Device to Measure Pain

A significant breakthrough has emerged from Kalinga Institute of Medical Sciences (KIMS) as a team of doctors has successfully developed a device called the "Objective Pain Score" (OPS) akin to a thermometer for measuring pain in humans. This innovation promises to provide an objective and accurate measurement of a patient's pain, allowing treating physicians to tailor their care and prescribe appropriate medications for effective pain management during consultations or in intensive care units

(ICUs). The OPS prototype is the result of research conducted by Dr. Sailaja Sukanya, a Post-Graduate Resident in the Department of Anaesthesiology at KIMS, under the guidance of Prof. (Dr.) Amit Pradhan and Dr. Ashok Kumar Badamali.

The newly developed OPS offers a novel approach to pain management and can have a profound impact in the medical field. This device, when validated alongside the patient's physical condition or the Visual Rating Scale (VRS), could revolutionize how analgesics and painkillers are administered during surgical procedures and mechanical ventilation in ICUs. Dr. R C Das, the Medical Superintendent at KIMS, highlighted the potential for an automatic delivery system for analgesics based on a patient's objective pain score. While various methods exist to quantify pain, such as Numerical Rating Scale (NRS), Verbal Rating Scale (VRS), and Visual Analogue Scale (VAS), they have predominantly been subjective in nature, relying on the patient's perception of pain. The OPS offers an objective and potentially groundbreaking solution for pain assessment, filling a critical gap in the field of pain management. This innovation has garnered significant attention and appreciation from experts in the medical community and could transform how pain is assessed and treated in clinical settings.

Fig. 3.10: KIMS Doctors' Innovation: A Device to Measure Pain

https://news.kiit.ac.in/kims/kims-doctors-innovation-a-device-to-measure-pain/

3.11. KIMS Central Laboratory All Set to Provide Doorstep Service

The Central Laboratory of Kalinga Institute of Medical Sciences (KIMS) is introducing a convenient and personalized home sample collection service to make high-quality laboratory investigations more accessible to the public. This service is provided by the NABL-accredited laboratory, which upholds rigorous quality standards and is staffed by well-trained technologists and experienced faculty from the Medical Laboratory Diagnostics Department. The Central Laboratory's Home Collection Team is committed to delivering responsible, accountable, and precise medical laboratory diagnostic services directly to people's homes. This initiative aims to streamline the process of accessing essential diagnostic testing by eliminating the need for patients to visit the laboratory in person. It not only enhances the convenience and comfort for individuals but also ensures that they receive accurate and reliable results from a trusted institution. By extending its services to the home environment, the Central Laboratory of KIMS is taking a significant step in improving healthcare accessibility and promoting the well-being of the community it serves. This initiative aligns with the institution's commitment to delivering high-quality medical services and emphasizes the importance of convenience and quality in healthcare provision.

Fig. 3.11: KIMS Central Laboratory All Set to Provide Doorstep Service

https://news.kiit.ac.in/kims/kims-central-laboratory-all-set-to-provide-doorstep-service/

3.12. Free Dental Camp By NSS-KIDS At KISS Rathyatra Festival

The NSS Unit of the Kalinga Institute of Dental Sciences (KIDS) has established a 7-day free screening and treatment camp at KISS Gundicha Temple in Bhubaneswar. This special camp was officially inaugurated by prominent figures including Prof. Achyuta Samanta, the Founder of KIIT & KISS; Dr. Ashwini Kumar Kar,

the Principal of KIDS; Dr. Jugajyoti Pathi, Assistant Director (Administration) at KIDS; and Prof. Kajal Parashar, the Director of KIIT Community Engagement Cell. The camp is being managed by a dedicated team consisting of five postgraduates, 20 interns, and four paramedical staff members.

During the first day of operation, a total of 79 patients attended the camp and received valuable oral health screening and care. The services offered included free oral prophylaxis, consultations, and motivation for patients to visit the Dental Hospital for further routine dental treatments. The special camp is set to continue until the conclusion of the holy Rathyatra festival, with an expected turnout of approximately 2000 patients who will benefit from free dental and oral health treatments.

The initiative aims to provide essential dental healthcare services to the community and is a testament to the commitment of KIDS and its NSS Unit to improving oral health and hygiene. Faculty members and staff played a crucial role in organizing and facilitating this initiative for the benefit of the local population.

Fig. 3.12: Free Dental Camp By NSS-KIDS At KISS Rathyatra Festival

https://news.kiit.ac.in/kims/free-dental-camp-by-nss-kids-at-kiss-rathyatra-festival/

3.13. KIMS Conducts A Health Check-Up Camp

On July 16, 2022, Kalinga Institute of Medical Sciences (KIMS) organized a Health Check-up Camp at Ramadevi Girls High School in Bhubaneswar, and the response from the community was overwhelming. Approximately 150 students attended the Health Screening Camp, where KIMS provided a team of dedicated medical professionals to offer their services. The medical team included doctors from various departments, such as Dr.

Geetanjali from Ophthalmology, Dr. Rajalaxmio Moharana from Gynaecology, and Dr. Ritanjali from Dermatology. Additionally, the team consisted of an optometrist, two staff nurses, one housekeeping staff, and a Camp Coordinator from the Marketing Team.

The camp's success left a positive impact on the school and the students, as they received valuable medical guidance and check-ups. The school management expressed their satisfaction with the services provided by KIMS and appreciated the initiative. They acknowledged the importance of such health-focused endeavors and expressed their commitment to conducting similar initiatives more frequently in the future. This collaboration between KIMS and Ramadevi Girls High School underscores the significance of community health awareness and the mutual efforts to ensure the well-being of the younger generation, promoting a healthier and brighter future.

Fig. 3.13: KIMS Conducts A Health Check-Up Camp

https://news.kiit.ac.in/kims/kims-conducts-a-health-check-up-camp/

3.14. Community Engagement Cell & KIIT NSS Electrical Engineering Organize Awareness Session On Platelets Donation

On August 23, 2022, the KIIT NSS Electrical Engineering unit organized an enlightening session on Platelet Donation Awareness and its critical role in saving lives. This event marked one of the first mega initiatives undertaken by the NSS Electrical since the reopening of the University in July. The session was graced by the presence of esteemed figures, including Prof. Kajal Parashar, the Programme Coordinator of KIIT NSS Bureau; Prof. Samresh Mishra, the Director of Student Affairs; and Prof. Shyam Sundar Behura, the Deputy Director of Student

Services. The event aimed to raise awareness about the significance of platelet donation and its life-saving impact, fostering a sense of social responsibility among students and encouraging them to contribute to this noble cause.

Prof. Snehalika, the NSS Programme Officer for Electrical Engineering, extended her gratitude through the vote of thanks, acknowledging the support and active participation of the attendees. This event not only highlighted the commitment of KIIT University to community welfare but also reinforced the value of education and awareness in bringing about positive changes in society, particularly in matters of healthcare and public well-being. The active involvement of students and faculty members in such initiatives reflects their dedication to making a meaningful difference in the world.

Fig. 3.14: Community Engagement Cell & KIIT NSS Electrical Engineering Organize Awareness Session On Platelets Donation

https://news.kiit.ac.in/nss/community-engagement-cell-kiit-nss-electrical-engineering-organize-awareness-session-on-platelets-donation/

3.15. Project On Wellness Of Tribal Children In Kandhamal District Of Odisha

On August 24, 2022, KIIT initiated a crucial study titled "Wellness of Tribal Children in Kandhamal District of Odisha." This study, sanctioned by the Department of Science and Technology (DST), Govt. of India, was launched at the Govt. (SSD) Girls High School in Belapadar. Professor Achyuta Samanta, the Founder of KIIT & KISS, inaugurated the study, emphasizing his commitment to the welfare and wellbeing of tribal children. He expressed his delight that senior faculty members from KIIT

are joining in to work towards this noble endeavor.

During the launch event, Dr. Rojalin Sahu, an Associate Professor in Chemistry and Associate Dean of Central Research Facility at KIIT, enlightened the students about the significance of safe and quality drinking water. The project's primary objective is to assess and raise awareness about safe and high-quality drinking water, oral hygiene, and menstrual hygiene among school students in the region. Dr. Sahu, who is also the Principal Investigator (PI) for this ambitious project, outlined that the study will extend its coverage to a large number of schools in the district over the next year.

The students were also educated on various aspects of water quality assessment to ensure the safety of drinking water by Dr. Prasanta Rath, a Professor in Chemistry and the Dean of KIIT School of Applied Sciences. Furthermore, a team of researchers from KIIT School of Applied Sciences demonstrated the measurement of water quality parameters and discussed the importance of different water purification processes.

In addition to water quality, the study also addressed other critical health aspects. Brigadier (Dr.) Sudhanshu Rath and Dr. Jyochnamayi Panda, Professors in Obstetrics & Gynecology at KIMS, imparted knowledge about menstrual health to young girls, encouraging them to embrace this stage as part of their maturing process. Dr. P.V. Samir, an Associate Professor in Paediatric Dentistry at KIDS, along with a team of interns and a dental hygienist, surveyed and educated children about oral and dental health.

Fig. 3.15: KIIT Launches Project On Wellness Of Tribal Children In Kandhamal District of Odisha

The event saw the presence of the Head Mistress of Govt. (SSD) Girls High School, Belapadar, the B.D.O. of Phulbani, and the

District Welfare Officer of Phulbani. The program was efficiently managed by the PA-ITDA, Phulbani. The vote of thanks was extended by Dr. Jyochnamayi Panda, Co-PI, and Head of the Gynecology Department at KIMS. This collaborative effort aims to improve the overall wellness and health of tribal children in the Kandhamal District of Odisha.

https://news.kiit.ac.in/kiitnews/kiit-launches-project-on-wellness-of-tribal-children-in-kandhamal-district-of-odisha/

3.16. Lecture on Nanoscale Brachytherapy For Cancer Treatment At KIIT

On September 2, 2022, Dr. Sudipta Chakraborty, Head of the Radiochemicals Section at the Bhabha Atomic Research Centre (BARC)'s Radiopharmaceuticals Division and an Associate Professor at the Homi Bhabha National Institute in Mumbai, delivered a lecture on "Nanoscale brachytherapy for cancer treatment using radioactive functionalized nanoparticles – An emerging field." During this session, Dr. Chakraborty provided an in-depth exploration of the synthesis, quality control, and assessment of functionalized nanoparticles labeled with various radioisotopes, highlighting their potential for application in 'nanoscale brachytherapy.' The lecture emphasized the intrinsic radiolabeling approach and its significance in the development of next-generation radio-nanomedicine formulations.

Fig. 3.16: Lecture On Nanoscale Brachytherapy For Cancer Treatment At KIIT(Applied Science)

Dr. Chakraborty's work has made significant contributions to the indigenous development of several radiolabeled formulations that are currently employed in human patients for the diagnosis, staging, and treatment of cancer and other diseases as approved radio

pharmaceuticals. In recognition of his contributions, Dr. Chakraborty was felicitated during the event by Dr. P. Rath, the Dean of KIIT School of Applied Sciences. The lecture was expertly coordinated by Dr. Jasaswini Tripathy, an Associate Professor in the Department of Chemistry at KIIT School of Applied Sciences. This event provided an excellent platform for participants to gain profound insights into the advancements in radio-nanomedicine and its potential implications for cancer treatment.

https://news.kiit.ac.in/schools/sot/as/lecture-on-nanoscale-brachytherapy-for-cancer-treatment-at-kiit/

3.17. International Webinar On 'Mental Health Among Tribes: Awareness, Prevention And Intervention Strategies'

On September 10, 2022, in observance of World Suicide Prevention Day, the School of Tribal Heritage and Tribal Indology (THTI) at Kalinga Institute of Social Sciences (KISS) organized an international webinar titled "Mental Health among Tribes: Awareness, Prevention, and Intervention Strategies." The event was designed to increase awareness of mental health, particularly within tribal communities and the broader population. The featured speaker, Professor Angel Bondoc Masanda from the National University, Philippines, highlighted the significance of adopting positive life skills practices and addressing societal stigmas as means to effectively manage mental health and reduce suicide rates. Professor Masanda discussed various strategies for intervention and prevention, focusing on the higher suicide rate among males and the mental health status of tribal communities. Interestingly, Professor Deepak Kumar Behera, from KISS, pointed out that tribal communities tend to have lower suicide rates than non-tribal populations, often attributed to their simpler way of life and strong connection to nature. Dr. Prashanta Kumar Routray, also from KISS, emphasized the role of stress, especially among youth, as a major contributor to suicide cases and underscored the need for youth education on developing life skills for better mental health. Professor Emerita Namita Mohanty emphasized the importance of mental health awareness, highlighting that mental disorders are a

significant factor in youth suicides. She suggested the establishment of wellness and counseling centers within organizations and the promotion of government-provided helpline numbers. The event concluded with a question and answer session initiated by Dr. Madhubrata Mishra, an Assistant Professor in Home Science. Prominent figures from the KISS community, including Dr. Manoj Kumar Behera, Dean of the School of THTI, and Dr. Sujata Acharya, KISS Principal, shared their insights. The webinar aimed to raise awareness about mental health and promote effective strategies to prevent suicide, particularly within tribal communities.

Fig. 3.17: International Webinar On 'Mental Health Among Tribes: Awareness, Prevention And Intervention Strategies'

https://university.kiss.ac.in/posts/international-webinar-on-mental-health-among-tribes-awareness-prevention-and-intervention-strategies/

3.18. KIMS Conducts Mega Health Camp At Nayagarh

Kalinga Institute of Medical Sciences (KIMS) marked the International Day for the Elderly by organizing a Mega Health Camp on October 1, 2022, at Brajendra High School in Nayagarh. In partnership with the district administration, the health camp provided services to over 270 elderly individuals. The event featured doctors from various specialties at KIMS, including Cardiology, Orthopaedics, Neurology, Medicine, and Rheumatology and Clinical Immunology. The camp was inaugurated by the Nayagarh Collector, and it was coordinated by KIMS's Marketing Department executives and dedicated volunteers. The initiative aimed to promote the well-being and health of the elderly population by offering comprehensive

medical services and addressing their healthcare needs.

Fig. 3.18: KIMS Conducts Mega Health Camp At Nayagarh

https://news.kiit.ac.in/kims/kims-conducts-mega-health-camp-at-nayagarh/

3.19. KIMS Observes Global Hand Washing Day

On Global Handwashing Day 2022, students and faculty members from the Department of Community Medicine at Kalinga Institute of Medical Sciences came together to promote universal hand hygiene. The event, held at the Immunization Clinic and Urban Health and Training Centre on October 15, aimed to raise awareness about the importance of hand hygiene as the world moves beyond the COVID-19 pandemic. Awareness activities were conducted for mothers attending the immunization OPD and those with children admitted to the Department of Pediatrics. Students from the Department of Nursing, along with Deputy Nursing Superintendent Rama Nayak, also participated in the event. Dr. Geeta Chand Acharya, the duty doctor in charge of the immunization clinic, highlighted the theme for 2022, "Unite for universal hand hygiene," emphasizing the significance of collective efforts in ensuring proper hand hygiene.

Fig.3.19: KIMS Observes Global Hand Washing Day

https://news.kiit.ac.in/kims/kims-observes-global-hand-washing-day/

3.20. KIIT School Of Public Health Organizes State Expert Consultation Workshop

On November 14, 2022, the School of Public Health (KSPH) at KIIT Deemed to be University organized a one-day State Expert Consultation workshop with the aim of gathering valuable insights and expert guidance for the development of a Pharmacists' competency assessment tool. This tool will play a pivotal role in the "Competency Assessment of in-service Pharmacists in Primary Health Care settings in Odisha" project. The workshop was a collaborative effort with the "Health Systems Transformation Platform (HSTP), New Delhi," and it is generously funded by Access Health International Inc. The event began with a warm welcome and opening remarks from Prof. (Dr.) Sudhir Kumar Satpathy, the Director of KIIT School of Public Health. Ms. Purnima Bhoi, an Assistant Professor at KSPH and the Principal Investigator for the project, provided a comprehensive overview of the project's objectives. Following this introduction, Mr. Sanjeev Kumar, a Research Specialist from HSTP, led an insightful discussion on the competency framework tailored for pharmacists, a critical component of the project's implementation. This collaborative workshop served as an essential step in enhancing the capabilities of in-service pharmacists in primary healthcare settings in Odisha, ultimately contributing to improved healthcare services in the region.

Fig. 3.20: KIIT School Of Public Health Organizes State Expert Consultation Workshop

https://news.kiit.ac.in/kiit-events/workshop/kiit-school-of-public-health-organizes-state-expert-consultation-workshop/

3.21. Renowned Kidney Transplant Surgeon Dr Harsha Jauhari Delivers Guest Lecture At KIMS

On November 28, Dr. Harsha Jauhari, a renowned kidney transplant surgeon from Sir Ganga Ram Hospital in Delhi, delivered a special guest lecture at KIMS, Bhubaneswar. This lecture was a significant part of the Silver Jubilee Year celebrations of KIIT Deemed-to-be-University and was aimed at benefiting undergraduate and post-graduate students and faculty members.

Dr. Jauhari is a distinguished figure in the field of kidney transplant surgery, having performed over 6,500 kidney transplant surgeries, making him one of the most prolific surgeons in India. Beyond his surgical expertise, he is actively involved in teaching, innovations, and various social and educational activities. He also serves as an advisor to the National Council on Skill Development Committee of the Government of India. During his visit to KIMS Medical College and Hospital, Dr. Jauhari not only delivered a motivating lecture but also interacted with the Renal Transplant Team. Eminent nephrologist Prof. S. C. Dash, along with other senior faculty members and students, attended the lecture, where they were inspired to pledge for organ donation.

Fig. 3.21: Renowned Kidney Transplant Surgeon Dr Harsha Jauhari Delivers Guest Lecture At KIMS

https://news.kiit.ac.in/kims/renowned-kidney-transplant-surgeon-dr-harsha-jauhari-delivers-guest-lecture-at-kims/

3.22. KIMS Student Seminar On Epidemiology Climate Change

The Academic Society of Kalinga Institute of Medical Sciences (KIMS) in Bhubaneswar organized a student seminar on "Shifting epidemiology of communicable and non-communicable diseases due to climate change" on November 26, 2022. This educational event was held in LT-5, KIMS, with guidance from faculty members including Dr. Ratikanta Tripathy, Dr. Jyotirmayee Bahinipati, Dr. Nirmal K. Mahakud, Dr. Swarnalata Das, and Dr. Alpana Mishra.

Brig. Prof. Dr. Ambika Prasad Mohanty, the Principal of KIMS, delivered an address highlighting the importance of the seminar and commended the Academic Society for its efforts in organizing the event. The seminar featured presentations from students of the 2019 MBBS batch. Hiya De introduced the topic, followed by Sayanjyoti Mohapatra, who spoke on "Climate change associated infections," and Dristi Shahi, who presented on the "Effect of climate change on non-communicable diseases."

Fig. 3.22: KIMS Student Seminar On Epidemiology Climate Change

https://news.kiit.ac.in/kims/kims-student-seminar-on-epidemiology-climate-change/

3.23. KIDS Conducts Free Dental Screening And Treatment Camps

The Department of Public Health Dentistry at Kalinga Institute of Dental Sciences (KIDS), Bhubaneswar, has initiated a collaboration with the HMV Driver Training Institute in Chhatia, aligning with the philanthropic principles championed by Founder Prof. Dr. Achyuta Samanta. Spearheaded by Dr. Jugajyoti Pathi, Deputy Director (Administration) at KIDS, and Principal Dr. Aswini Kumar Kar, this joint endeavor focuses on providing weekly free dental screening and treatment camps at the Heavy Motor Vehicle (HMV) Driver Training Institute in Chhatia. These camps offer patients consultations and various dental procedures,

such as teeth cleaning, extractions, and fillings, all provided free of cost. For more complex treatments that cannot be performed on-site, patients are referred to KIDS. These weekly dental check-up camps not only benefit the staff and students of the driver training institute but also contribute to promoting oral health and hygiene within the community. On January 5, the organizing team, led by Dr. Kunal Jha (Professor), along with postgraduates, interns, and paramedical staff, screened and provided basic dental treatments to 66 staff and students at the HMV Driver Training Institute. Additionally, four individuals with potentially malignant oral conditions were referred to KIDS for tobacco counseling and further necessary treatment. Prof. Dr. Kunal Jha also delivered an educational oral hygiene talk to the institute's staff and students, emphasizing the importance of oral health, prevention of tooth decay and gum diseases, and tobacco cessation. These dental camps will continue fortnightly to ensure ongoing oral care and health education.
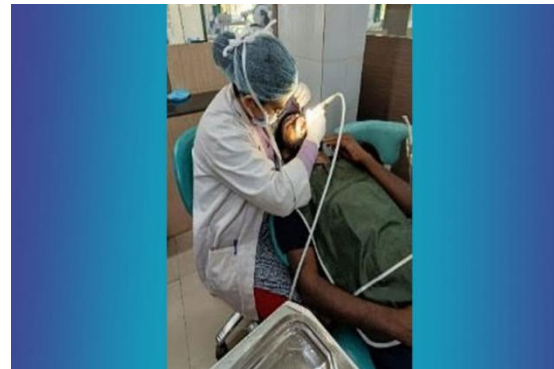

Fig. 3.23: KIDS Conducts Free Dental Screening And Treatment Camps

https://news.kiit.ac.in/kids/kids-conducts-free-dental-screening-and-treatment-camps/#:~:text=The%20Department%20of%20Public%20Health,Dr.

More details can be found

Link for KIIT Event:
https://news.kiit.ac.in/

Link for KIMS (medical unit of KIIT):
https://kims.kiit.ac.in/

Link for School of Sports and Yogic Sciences:
https://yoga.kiit.ac.in/

4 QUALITY EDUCATION

Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all

The primary motto of the University is "Quality Education for All" largely addressing SDG4. The University believes in empowering all the segments of society and eradicating poverty with education through compassionate approaches. The major initiatives are described as follows:

4.1. Free Education to Tribal Students

The University provides free education to the tribal students coming from the poorest of the poor communities in different undergraduate and post graduate degree programmes taken up after counselling.

Two new schools KISS-Oswal and KISS Adani of its sister organization, Kalinga Institute of Social Sciences (KISS) have been established in Bolangir and Mayurbhanj districts of Odisha in 2020 to provide fee education, accommodation ad healthcare facilities to tribal students of these districts. 30,000 students benefited

The faculty members and students of the University are voluntarily engaged in educational activities at KISS to prepare the children and students for higher studies. Details about KISS are provided in **Appendix-I**.
https://kiss.ac.in/

4.2. Special Scholarship for the children of COVID deceased

Special scholarship was established for the children of COVID deceased for pursuing technical and profession education at KIIT. Students have been given full fee waiver under this scheme.

https://form.kiit.ac.in/special-covid-scholarship/

4.3. Educational Outreach Programmes by KSAC and NSS

The faculty members and students from different societies under the umbrella of KIIT Student Activity Centre (KSAC) and National Service Scheme (NSS) have been actively engaged in educational outreach programmes beyond the campus in villages, Schools and Orphanages.
https://nss.kiit.ac.in/
https://ksac.kiit.ac.in/kiit-societies/

4.4. KIIT adopted Panchayats, Villeges and Rural Schools

The University has adopted 10 Panchayats, villages and 16 schools in the state with the commitment to provide them with all facilities and support for quality education and employability skills. Dedicated team comprising University staff and student coordinators from different societies have been actively involved in educational outreach activities in these regions and schools.

4.5. Free access to Digital Resources

The University provides free access to its digital resources through its central library for students, researchers, scholars and faculty members from all institutions. Free access is also provided to its magazine lounge KEN, Kavya, Kamyaa, Gandhian library 'Karamchand' and Jagannath temple spiritual library.

https://library.kiit.ac.in/

4.6. Motivational Programmes

Motivational programmes to inspire the youth for higher studies are carried out every year through 'Education for All' summit and 'Education for All' marathon. More than 1.5 million people motivated to join higher education.
https://educationforall.kiit.ac.in/

4.7. Free access to various laboratories and COE

The University provides free access on request to different laboratories across different departments (including research labs, centres of excellence (COEs) and KIIT- Technology Business Incubation (KIIT-TBI) cell to carry out tests on innovative ideas and do research work). https://kiit.ac.in/coe/

4.8. Qualitative Lectures, Seminars, Workshops and Conferences

A horde of guest lectures, seminars, workshops and conferences were organised which were open for the general public. Details are given in **Appendix II.**
https://kiit.ac.in/news

4.9. Qualitative Skill Development Programmes

The University also provides skill development training under different government schemes like Deen Dayal Upadhyaya Grameen Kaushalya Yojana (DDU-GKY) and Pradhan Mantri Kaushal Vikas Yojana (PMKVY) to the unemployed youth to make them job ready. Details of the skill development programmes are given in **Appendix III.** The University has been acting as an advisor to the Royal Government of Bhutan and is actively involved in providing skill development training to the youth of their nation.

4.10. Dedicated Placement Cell

Dedicated placement cell exists to maintain liaison with the corporate and different job sectors to facilitate placement for its students graduating from different programmes; the students hailing from tribal background are provided with special mentoring for placement; placement drives are also organized for the

trainees under skill development programmes. More than 15,000 youth have been employed.

https://kiit.ac.in/training-placement/training-placement-contact/

4.11. Establishment of COEs

A wide spectrum of COEs have been set up in the University with knowledge and technical support from different organizations to carry out quality research, studies and innovations in avenues of sustainable development goals.
https://kiit.ac.in/coe/

4.12. KIIT Smart Campus Initiative

The University smart campus initiative aims to fully automate different processes of the University related to academics, research, consultancy, patient care, quality assurance and administration through integration of multiple platforms with the SAP based ERP system and by deploying AI based recommender systems and as well as IoT integrated facilities.
The Smart Campus team is working on the following domains under this initiative:
➢ Facilitating tasks associated with student life cycle management, human resource management, administration, medical services, community engagement etc. through the SAP based ERP system running on process automation and AI controlled recommendations.
➢ Continuously updating COVID patient database which is instrumental in understanding the nature of the virus and future implications of the pandemic.
➢ Optimal distribution of power to different campus, labs, medical units and hostels from the grids.
➢ Smart classrooms
➢ Dynamic bandwidth allocation for intranet usage.
➢ Scalable solutions for other local institutions in the region for developing similar smart features.

4.13. IOT Laboratory and Research

The University has established a number IOT labs in various schools to carry out the research works in IOT along with its applications in various fields such as agriculture, environment, healthcare, academics etc. The University works on the various healthcare digitization initiatives. Furthermore, the University has carried out the work on IOT environment system and resource

management, IOT applications on Safety and Security Solutions etc.

https://iotkiit.in/
https://kiit.ac.in/coe/

4.14. Leadership Training Programme

World is going through a transformational phase, where the culture, the practices, the way of life is evolving fast to generate a global culture, by respecting the individual culture and beliefs. KIIT along with World Academy of Leadership bring people, culture, ideas, technologies, teachers, students, researchers, investors, innovators together who are committed to transform the world for establishment of Truth. Several training programmes along with valuable lecture series are conducted. More details can be found in below links:

https://www.worldleadershipacademy.live/news/1st-world-leadership-convention-in-kiit/

4.15. KIIT-KISS Organizes Workshop on 'Entrepreneurship Sensitization & Development Programme'

Centre for Indigenous Innovation & Entrepreneurship, and School of Tribal Resource Management, KISS jointly organized a workshop on 'Entrepreneurship Sensitization and Development Programme' in association with MSME-DI, Cuttack, Ministry of MSME, Government of India on 12th April 2022. The objective of the workshop was to sensitize the students on the importance of entrepreneurial skills. Speaking at the workshop, Dr. Shibananda Nayak, Assistant Director (EI), MSME-DI, Cuttack said that MSME aims to promote entrepreneurship, skill the educated unemployed and help them build their own business. He also presented brief activities of the MSME-DI and some of the major schemes of the Ministry of MSME, like PMEGP, CGTMSE, MUDRA, SPURTI, and EDP. Shri. Subas Kumar Sahu, Assistant Director, MSME-DI spoke about the Service Oriented Section, the importance of generating ideas, and ways to identify the requirements of large-scale industry and the need for market identification, and value addition to the product. The students learnt about key topics like registering themselves under UDYAM, as well as various initiatives and schemes of MSME-DIs.Earlier, in his welcome address, Dr. Prashanta Kumar Routray,

Registrar, KISS-DU motivated the students to become job givers rather than job seekers. He also spoke about how KISS is emphasizing vocational skills to encourage students to become entrepreneurs. The session witnessed a stimulating question and answer session facilitated by Dr. Snigdharani Panda, Dean, School of Tribal Resource Management, KISS-DU. Ms. Namaswinee Das, Faculty Member, School of Tribal Resource Management, KISS-DU moderated the workshop, while Professor Jagannath Lenka, Professor Emeritus, KISS-DU, proposed the vote of thanks.

Fig. 4.1: Workshop on Entrepreneurship Sensitization and Development Programme

https://news.kiit.ac.in/kiit-events/workshop/kiss-du-organizes-workshop-on-sensitization-cum-awareness-programme-on-msme/

4.16. KIIT School of Applied Sciences & ISCA Bhubaneswar Chapter Organize Outreach Program for College Students

The School of Applied Sciences (SAS), KIIT Deemed to be University in association with Indian Science Congress Association (ISCA), Bhubaneswar Chapter, organized an outreach programme for BSc. 3rd year students of P N College, Khurda & Sailabala Women's College, Cuttack in the campus on 13th April 2022. Around 170 students along with their teachers visited the UG/PG/Research labs of the school, Central Research Facility (CRF) and the Central Library of the university. The visit was followed by an interactive session with the students and the accompanying faculty members. During this interactive session, Dr. Kajal Parashar, Convener of ISCA emphasized mutual collaboration and deeper engagement with the colleges for pursuit of science. Prof. Prasanta Rath, Dean (SAS) gave an overview of the School highlighting its

strengths and achievements. Prof. P. K. Das shared his personal experience and emphasized how a university like KIIT has developed world-class infrastructure that is as good as anywhere else in the world. Dr. Dibyaranjan Rout, Head, PG program highlighted the uniqueness of the MSc program offered by the School and encouraged the students to apply. Dr. Gopal K. Pradhan, Prof. P. K. Das, Dr. S. Praharaj and Dr. D. Rout addressed various questions raised by the students about the program. The faculty members from the participating colleges shared their experience about the program and expressed, they were overwhelmed to see the research facilities, infrastructure and beauty of the campus. The overall program was coordinated by Dr. Jatin Sinha, Dr. Gopal K. Pradhan, Dr. Dibyaranjan Rout, Dr. Kajal Parashar, Dr. Tapan Bastia, Dr. Satya Ranjan Mishra with active support from Prof. Prasanta Rath, Dean SAS.

Fig. 4.2: Outreach Program at KIIT

https://news.kiit.ac.in/schools/sot/as/kiit-school-of-applied-sciences-isca-bhubaneswar-chapter-organize-outreach-program-for-college-students/

4.17. KIIT-KISS Organizes Session on 'Entrepreneurship Ecosystem in Tribal Areas'

On the occasion of the legendary Biju Patnaik's death anniversary on April 17, 2022, the Biju Patnaik Research Chair and Centre for Indigenous Innovation Incubation and Entrepreneurship at Kalinga Institute of Social Sciences (KISS) organized a session focused on 'Entrepreneurship Ecosystem in Tribal Areas.' This session paid homage to Biju Patnaik, a revered figure in Indian politics.

During the inaugural session, Dr. Prashanta Kumar Routray, Registrar of KISS, emphasized the importance of entrepreneurship within the KISS ecosystem and elucidated the objectives behind establishing the Biju Patnaik Research Chair. Paresh Sabar, a KISS postgraduate student, shared insights into Biju Patnaik's enduring legacy.

In the technical session, Dr. Subrat Kumar Biswal, Regional Head of the Entrepreneurship Development Institute of India (EDII), shed light on entrepreneurship within tribal communities, revealing that only 2% of the tribal population had registered under UDYAM. He highlighted potential areas for entrepreneurial growth in tribal regions, such as agriculture, food processing, arts, culture, crafts, tourism, forest-based entrepreneurship, and mining.

Subhasis Das, Branch Manager at the National Scheduled Caste & Scheduled Tribe Hub (NSSH), National Small Scale Corporation Limited (NSIC), discussed the necessity of entrepreneurship in tribal areas, emphasizing women's entrepreneurship and introducing various startup-related policies.

The session also featured the release of two books aimed at improving language learning among tribal learners. Professor Ashok K. Mohapatra introduced the books, and an engaging Q&A session moderated by Dr. Snigdharani Panda, Director of the Centre for Indigenous Innovation Incubation and Entrepreneurship, concluded the event. This session highlighted the significance of entrepreneurship in tribal areas and celebrated the enduring legacy of Biju Patnaik.

Fig. 4.3: Session at KISS

https://news.kiit.ac.in/kiss/kiss-du-organizes-session-on-entrepreneurship-ecosystem-in-tribal-areas/

4.18. Inauguration of Emami-KISS Balasore Residential School

Odisha Chief Minister Naveen Patnaik virtually inaugurated the Balasore branch of The Kalinga Institute of Social Sciences (KISS) Emami-KISS Residential School on June 13. During the inauguration, he emphasized the transformative power of education, noting that it brings significant change to one's life. Patnaik commended the state government's commitment to education, which includes transferring schools under the 5T program, leading to the transformation of over four thousand high schools and igniting student interest.

Fig. 4.4: Emami-KISS Balasore Residential School Inaugurated by CM Education Brings Biggest Transformation in Life: Naveen Patnaik

KISS, in collaboration with Emami, has undertaken the commendable initiative of establishing fully free residential schools for underprivileged tribal children in 30 districts across Odisha. Chief Minister Patnaik applauded this joint effort. Dignitaries, including Aswini Kumar Patra, Balasore MP Pratap Chandra Sarangi, and Remuna MLA Sudhansu Sekhar Parida, lauded Dr. Achyuta Samanta, the founder of KISS, for his transformational work in providing education to disadvantaged tribal children. Dr. Samanta described the new Balasore campus as eco-friendly and Wi-Fi enabled, highlighting the substantial investment by Emami and KIIT. The Emami-KISS Residential

School, akin to KISS-Bhubaneswar, will initially educate 1200 students from standard-1 to standard-12 under the CBSE curriculum. This endeavor is poised to provide quality education and uplift underprivileged children in Balasore, strengthening the state's commitment to education and empowerment.

https://news.kiit.ac.in/kiss/emami-kiss-balasore-residential-school-inaugurated-by-cm-education-brings-biggest-transformation-in-life-naveen-patnaik

4.19. Inauguration of KISS Kalahandi Residential School

Odisha Chief Minister Shri Naveen Patnaik inaugurated the Kalinga Institute of Social Sciences (KISS) 'KISS-Kalahandi' Residential School, extending the reach of this exceptional educational institution. The new campus, situated in Kalahandi's Badli under Bhawanipatna Block, is an eco-friendly and Wi-Fi-enabled hub, a testament to KISS's commitment to providing quality education to underprivileged children.

The Chief Minister expressed his happiness at inaugurating the KISS campus in Kalahandi, highlighting the transformation of the district into an education hub. He underlined the transformative power of education and lauded KISS's contribution, noting that through the 5T initiative, the state government has transformed over four thousand schools.

Political leaders and representatives, including Kalahandi MP Basanta Kumar Panda, Rajyasabha MP Sujit Kumar, and Lanjigarh MLA Pradeep Kumar Dishari, praised Dr. Achyuta Samanta for his tireless efforts in tribal education development.

Dr. Samanta, the Founder of KIIT & KISS and MP Kandhamal, expressed his gratitude to the investment from KIIT, which amounted to Rs. 50 crore. The KISS-Kalahandi campus is fully residential, with an initial capacity of 1200 students, ensuring quality education for underprivileged children in Kalahandi District.

This expansion of KISS's network is set to boost the educational sector in Kalahandi, strengthening the state government's commitment to providing quality education to all children. The occasion also saw the announcement of a forthcoming 200-bed hospital in Kalahandi, furthering the institution's impact on the community.

Fig. 4.5: KISS Kalahandi Residential School Inaugurated by Odisha Chief Minister

https://news.kiit.ac.in/kiss/kiss-kalahandi-residential-school-inaugurated-by-odisha-chief-minister/

4.20. Seminar On Sustainable Tribal Development At KIIT-KISS

The Indian Institute of Public Administration (IIPA), Regional Branch, Bhubaneswar organized a seminar on 'Sustainable Tribal Development' in collaboration with the Kalinga Institute of Social Sciences (KISS), Bhubaneswar on 13th August 2022. Delivering the inaugural address, Dr. Arun Kumar Rath, I.A.S (Retd.), Chairman of IIPA, Regional Branch, Bhubaneswar spoke about the various ways of preserving tribal dialects and culture. He also spoke about integration of tribal communities.

Mr. Sanjib Kumar Hota, I.A.S (Retd.) and former Chairman, IIPA, Regional Branch Bhubaneswar, touched upon various nuances of tribal development, while stressing on ensuring the sustainability of tribal dialects and preservation of their unique way of life. He recommended a new normative yardstick for developing infrastructure in tribal areas and made a case for pro-tribal governance in scheduled areas. The biodiversity in tribal areas has been adversely affected by mindless activities, Mr. Hota lamented, while suggesting

application of tribal wisdom and knowledge systems.

Fig. 4.6: Seminar On Sustainable Tribal Development At KIIT-KISS

https://news.kiit.ac.in/kiss/seminar-on-sustainable-tribal-development-at-kiss-du/

4.21. KIIT-KISS & NWWA Enter Pact To Work Towards Tribal Students' Welfare & Educational Enhancement Courses For Naval Students

The MoU was signed during the visit of the President of NWWA Mrs Kala Hari Kumar to the KIIT-KISS campus. Addressing students, she said the entry of the children of the Naval family to the KIIT group of institutes "will be the anchor that will prepare them for life". Encouraging students of KIIT & KISS to build a career in the armed forces, she said that the country needs talented smart young men and women.

Fig. 4.7: KIIT-KISS & NWWA Enter Pact To Work Towards Tribal Students' Welfare & Educational Enhancement Courses For Naval Students

"A career in the armed forces is both aspirational and inspirational. You could look both at the entry as an officer through the National Defence Academy or the Indian Naval Academy or join our sailor ranks". Talking about the recently launched Agniveer scheme, Mrs Kumar said it will provide the youths with the training exposure and the confidence to excel in any area in life.

4.22. Webinar On National Education Policy At KLS

A Special Lecture on 'National Education Policy and its Imperative for Professional Education' was organized by the Department of Social Sciences and Humanities, KIIT Law School (KLS) on 26th August 2022 in hybrid mode. Delivering the lecture, Prof. N. V. Varghese, Vice Chancellor, National Institute for Educational Planning and Administration (NIEPA), New Delhi said that legal education in India has ample scope for growth and employment. He called for gender parity and representation of all social groups in legal education as well as profession. The futuristic university may not be close to anything that we see now due to the growth of virtual space, he said, informing that the National Education Policy speaks of continuation as well as flexibility, which implies 'out of box' changes.

Fig. 4.8: Webinar On National Education Policy At KLS

Prof. Bhavani Prasad Panda, Director, KLS chaired the session, which was meant only for the faculty members of the School. The lecture was followed by a Q&A session in which participants interacted with the speaker. It was anchored by Dr. Binita Behera, one of the faculty conveners. Prof. Sanghamitra Patnaik and Dr. Amar Kumar Mohanty also spoke.

4.23. 100 VCs, IIT, IIM Directors 300 Principals Attend KIIT-Organised Int Education Conference

As many as 100 Vice Chancellors and directors from IITs, IIMs and NITs along with 300 principles from across the country converged here on Sunday for a KIIT DU-organised International Conference coinciding with its Silver Jubilee Celebration to discuss the National Education Policy (NEP) 2020 and its implementation.

The 'International Conference on Education for Building Humanity with Harmony and Peace' was inaugurated by Odisha Governor Hon'ble Prof Ganeshi Lal, saying NEP should play a critical role in shaping a child into a good human being who upholds high moral values in the society. He said that parents should praise their wards for the good qualities they possess and encourage them to build on those qualities rather than asking the child to ape others.

Fig. 4.9: 100 VCs, IIT, IIM Directors 300 Principals Attend KIIT-Organised Int Education Conference

4.24. Academic Career Opportunity Interaction By Maitri Global Education At KIIT

An Academic Career Opportunity Interaction session was conducted by Maitri Global Education, a leading global education consultancy based out of Florence, Italy, with students and staff of the Schools of Fashion Technology, Film & Media Sciences, and Mass Communication, KIIT-DU on 24th November 2022.

Speaking at the session, Mr. Devraj Pradhan, Former Diplomat and DG, International Relations, KIIT traced the influence of fashion and trends since the olden days. He talked about the scope and opportunity KIIT is providing the students for a better career and future. Prof. Bauri Raula, Course Coordinator, School of Fashion Technology enlightened students on the importance of portfolio development, fashion marketing and branding. He suggested students seek career options in collaboration with Maitri Global Education.

Fig. 4.10: Academic Career Opportunity Interaction By Maitri Global Education At KIIT

Mr. Abraham Chorikpara Mani and Mr. George Syriac, Co-Founders, Maitri Global Education introduced the organization. It was registered in 2009 to promote the exchange between cultures, specifically focusing on international education, they said, informing that its core purpose is to be a bridge between cultures, extending high-quality education and services reachable to every aspiring student, they added. MGE is dedicated to finding institutions where talented students are given the opportunity to be trained under experts, making the international experience a reality, they added. Ms. Gipsita Nayak, Dy. Director, School of Fashion Technology proposed the vote of thanks.

https://news.kiit.ac.in/kiitnews/academic-career-opportunity-interaction-by-maitri-global-education-at-kiit/

4.25. 8th KiiT Int School Literary Festival Kicks Off

The 8th National Children's Literary Festival 2022 of KiiT International School kicked off here on Saturday in the presence of actor and director Nandita Das, well-known author and storyteller Jeeva Raghunath and author Ravinder Singh. Award-winning novelist Ruskin Bond, who has conceptualized the literary festival, would join the event virtually during the course of the event. President of KIIT and KISS Saswati Bal was present on the occasion.

Raghunath made a colourful and vibrant beginning to the festival by sharing a story artfully and imitating different sounds, which was well appreciated by students who joined her during her brief storytelling session.

Fig. 4.11: 8th KiiT Int School Literary Festival Kicks Off

https://news.kiit.ac.in/kiitis/8th-kiit-int-school-literary-festival-kicks-off/

4.26. KIIT Signs MoU With NBCC; Skill-Based Training For KIIT-KISS Students

The function was attended by the Founder of KIIT-KISS Dr Achyuta Samanta and GM HR of NBCC Debasis Satapathy. As per the MoU, skill

development and industry-oriented internship training will be provided for KIIT and KISS students with a focus on SC/ST and students from the financially weaker section. In his address, Dr Samanta called upon NBCC to also set up a research facility on the KIIT campus. He said that KIIT has witnessed significant growth over the years and has excelled in various national and international rankings.

The GM of NBCC hailed the achievements of KIIT and said that it is one of the few institutions from Odisha known the world over. He said that under the skilling initiative, students from KIIT and KISS can also visit NBCC project sites outside the State for exposure. NBCC also signed an MoU with the Kandhamal district administration for the construction and renovation of CHCs under various social welfare schemes. Dr Samanta, who represents Kandhamal as an MP in the Lok Sabha, said the district has shown phenomenal developments in different socio-economic parameters and stands at the 9th place among all aspirational districts in the country. Kandhamal CDMO Dr. Manoj Kumar Upadhyaya has signed MoU on behalf of the District Administration.

Fig. 4.12: Medical Emergencies: KIMS To Upgrade Knowledge Base Of Doctors In Remote Odisha

https://news.kiit.ac.in/kiit-events/mun/kiit-signs-mou-with-nbcc-skill-based-training-for-kiit-kiss-students/

4.27. 1st World Leadership Convention in KIIT

The 1st World Leadership Convention on 'World is One,' held on February 5, 2022, was a collaborative effort between the World Leadership Academy (WLA) and KIIT DU. The convention saw prominent voices sharing insights and perspectives on global unity, wisdom, and education's transformative role. Dr. Ramesh Pokhriyal Nishank, Former Union Minister of Education and Hon'ble Member of Parliament, emphasized India's historical leadership and its potential to lead the 21st century. Shri Ram Madhav, Eminent Thinker & Writer, stressed the need for wisdom to uphold the world's unity, while Dr. Achyuta Samanta, Founder of KIIT & KISS, highlighted the institution's commitment to humanity and compassion. The event marked the launch of WLA's initiatives, including the 'L-Index,' a digital library, and a project database. Prof. Sasmita Rani Samanta, Vice Chancellor of KIIT-DU & President of WLA, encapsulated the academy's mission to bring together diverse stakeholders for positive global transformation.

Fig. 4.13. 1st World Leadership Convention

https://news.kiit.ac.in/kiitnews/37268/

4.28. National Science Week 2022

As part of the Azadi Ka Amrit Mahotsav, a series of grand programs and exhibitions showcasing indigenous science, technology, and innovations took place at 75 locations across India, including KiiT International School in Bhubaneswar, from February 22nd to 28th, 2022. Themed 'Vigyan Sarvatra Pujyate', the week-long celebrations were jointly organized by the Ministry of Culture, Government of India, Office of the Principal Scientific Officer to the Government of India, Vigyan Prasar, and supported by various government departments and organizations. The event concluded on February 28th, coinciding with National Science Day. In Bhubaneswar, the festival was hosted under the aegis of the Science and Technology Department, Government of Odisha, in collaboration with Odisha Bigyan Academy, Bhubaneswar City Knowledge Innovation Cluster, KIIT Deemed to be University, and Regional Science Centre, Bhubaneswar. The valedictory ceremony at KiiT International School was attended by distinguished personalities from various scientific and academic institutions, recognizing the

significance of science and innovation in the country's progress.

Fig. 4.14: National Science Week 2022 Concludes at KiiT International School

https://news.kiit.ac.in/kiitis/national-science-week-2022-concludes-at-kiit-international-school/

4.29. KIIT School of Applied Sciences & ISCA Bhubaneswar Chapter Organize Outreach Program for College Students

The School of Applied Sciences (SAS) at KIIT Deemed University, in collaboration with the Indian Science Congress Association (ISCA) Bhubaneswar Chapter, organized an outreach program on April 13, 2022. This event welcomed BSc. 3rd year students from P N College, Khurda, and Sailabala Women's College, Cuttack, with approximately 170 students and faculty members in attendance. The program encompassed visits to UG/PG/Research labs, the Central Research Facility, and the Central Library of KIIT. An interactive session followed, where Dr. Kajal Parashar, ISCA Convener, emphasized collaboration between institutions for scientific pursuits.

Fig. 4.15: Outreach Program For students
https://news.kiit.ac.in/schools/sot/as/kiit-school-of-applied-sciences-isca-bhubaneswar-

chapter-organize-outreach-program-for-college-students/

4.30. KIIT-DU & World Leadership Academy Organize Seminar on "Relevance of Education in Building a Sustainable Society"

The seminar titled 'The Relevance of Education in Building a Sustainable Society' held on April 17, 2022, was a collaborative effort between the World Leadership Academy (WLA) and KIIT Deemed to be University. Prof. Achyuta Samanta, Founder of KIIT & KISS, emphasized the significance of discipline in education and societal advancement. KIIT's role in elevating educational standards through support for over a hundred state colleges and the provision of resources like e-libraries and e-labs was highlighted. Prof. Samanta shared a four-point development mantra for education. Prof. Sasmita Samanta, Vice-Chancellor of KIIT-DU and WLA President, underscored the transformative potential of a robust education system and stressed the importance of human and intellectual resources in contemporary education. Over 20 MoUs were signed between KIIT-DU and participating colleges to enhance education. The seminar featured a panel discussion, hands-on training on digital libraries, interactive sessions, and tutorials by renowned publishers. Overall, the seminar served as a platform to exchange ideas and initiatives for advancing education's role in shaping a sustainable society.

Fig. 4.16: Seminar on "Relevance of Education in Building a Sustainable Society"

https://news.kiit.ac.in/kiit-events/seminar/kiit-du-world-leadership-academy-organize-seminar-on-relevance-of-education-in-building-a-sustainable-society

4.31. South Asia Women's Conference at KIIT discusses the path to inclusive development

KIIT and KISS , distinguished for their commitment to gender equality, zero-tolerance against gender-based violence, and empowerment initiatives, inaugurated the South Asia Women's Conference (SAWC) 2022 on May 27, 2022. In partnership with the United States Consulate General Hyderabad and several UN bodies, the two-day event aims to foster sustainable networking for the advancement of women and girls in the South Asian region. The conference theme, "Towards an Equitable, Inclusive and Sustainable World," resonates with the participants from various walks of life.

The conference's opening day, marked by insightful sessions, brought together seventy delegates. Prof. Sasmita Samanta, Vice-Chancellor of KIIT Deemed University and Chair of the inaugural session, emphasized the significance of women's power and knowledge on a global scale. She underscored the unique culture of women in South Asia, who embody qualities like tolerance, peace, and patience while often neglecting their own well-being. The conference's objective is to dissect the reasons behind this neglect and pave the way for a future that prioritizes the well-being of women.

KSOM of KIIT conducted a 'Knowledge Dialogue' session on "What Women Entrepreneurs Bring to the Table in the 21st Century" on February 4, 2022. The student panel discussion featured Riddhi Bhattacharya, Bicky Rauniyar, and Simon Macharia, BBA-II students of KSOM, with Mayank, an MBA-I student, as the moderator. The session explored women's roles in entrepreneurship, referencing Swami Vivekananda's quote. Riddhi envisioned herself as a future women entrepreneur, Simon highlighted Wangarĩ Muta Maathai's impact, and Bicky stressed the need for compassionate female leaders. Success stories of Vandana Luthra (VLCC) and Falguni Nayar (Nykaa) were shared. The discussion concluded with the importance of women standing up for their dreams. Anchored by Shatabdi Ghosh and Tapaswanee Sahoo, the session underlined women's potential in leadership and entrepreneurship.

Fig.4.18: Student Panel Discussion on Women Entrepreneurship

https://news.kiit.ac.in/schools/ksom/student-panel-discussion-on-women-entrepreneurship-at-ksom/

The more details can be found in following links

Link for Community Engagement
https://kiit.ac.in/community-engagement/

Link for NSS
https://nss.kiit.ac.in/

Link for KIIT Event:
https://news.kiit.ac.in/

Link for AOG
https://artofgiving.in.net/

Link for Kanyakiron
https://kanyakiran.com/

Fig. 4.17: South Asia Women's Conference

https://news.kiit.ac.in/kiit-events/conference/south-asia-womens-conference-at-kiit-discusses-the-path-to-inclusive-development/

Student Panel Discussion on Women Entrepreneurship at KSOM

Gender equality is a human right. Empowered women contribute to health and productivity of their families, communities and countries, creating a ripple effect that benefits everyone. Gender equality is essential at all levels for appropriate representation of human resource. KIIT university has been working on this SDG 5 relentlessly over the year.

5.1. Representation of women at the University

➤ There is a significant representation of women among the senior management of the University including Deans, Directors and Hon'ble Vice-Chancellor.

➤ As per the norms of the Government of India, 30% seats in all programs are reserved for women candidates. The University has a female representation of about 51% in all programmes across the University during 2022.

➤ There is female representation of over 40% in the University workforce.

5.2. Existence of Standard Committee for Diversity and Inclusion

KIIT University has a standard committee to ensure the development of an dynamic governance system for implementation of equality along with diversity and inclusion in the campus; Conduct of audits to check the accountability of the strategies followed for equality diversity and inclusion and analysis

of gaps found; Review of implementation of existing policies and its progress; Formulating customized policies and regulations for maintaining equality, diversity and inclusion and monitoring its effective implementation; Re-dressal of grievances related to inequalities due to caste, creed, race, gender or disability. The committee has worked effectively in the year of 2022 towards the implementation of gender equality and inclusion to the campus.

5.3. All India Inter-University Athletics (Women) Championship Inaugurated at KIIT

The 81st All India Inter-University Athletics (Women) Championship 2021-22, being organized by KIIT-DU and supported by KISS, was inaugurated by Dr. Achyuta Samanta, Founder, KIIT & KISS. It is for the first time Odisha is hosting this Championship, which is being held under the aegis of the Association of Indian Universities (AIU), NewDelhi. More than 2000 athletes, officials and coaches from more than 200 universities are participating in this mega event from 21st to 24th February 2022. Sports offer a bright future and one should consider pursuing a career in sports, said Dutee Chand, Olympian &Arjuna Awardee and a student of KIIT at the inaugural ceremony. Parents should encourage their children to get involved in sports apart from studying, she added. There are many Dronacharya Awardee and reputed coaches who are part of this mega event. The competition will be held in 24 events for 100, 200, 400, 800, 1500, 5000, and

10,000 meters race; 100 and 400 meters hurdles, half marathon, 20 km race walk, Long Jump, High Jump, Triple Jump, Pole vault, shot-put, discus throw, Javelins throw, hammer throw, heptathlon, 3000-meter steeplechase, 4 x 100 mts, 4 x 400 mts relay and 4 x 400 mts mixed relay. The Indian Universities teams for World University Games 2022 at Chengdu, China will be selected from this Championship. Also, the top eight athletes from each event will qualify for the Khelo India University Games 2022 at Bangalore.

Fig. 5.1: India Inter-University Athletics (Women) Championship Inaugurated at KIIT

https://news.kiit.ac.in/sports/all-india-inter-university- athletics-women-championship-inaugurated-at-kiit/

5.4. Inauguration of National Seminar on "Sustainable Development with Women Empowerment"

A National Seminar on "Sustainable Development with Women Empowerment", organized by Indian Science Congress Association (ISCA), BBSR Chapter in association with KIIT & KISS and College of Basic Science & Humanities, OUAT, was inaugurated at KIIT on 2nd March 2022. Article 5 of the Sustainable Development Goals (SDGs) concerns gender equality and is among the 17 SDGs established by the United Nations in 2015. SDG 5 has nine targets and 14 indicators. One of the means of achieving targets is by promoting empowerment of women through technology. Agriculture, medicinal, physical, chemical, biological, and environmental sciences have all made substantial contributions to the creation of contemporary technology. It is impossible to attain without gender equality. Women's empowerment is a critical component in achieving long-term economic growth, social development, and environmental sustainability. Inaugurating the Seminar, Prof. Vijay Laxmi Saxena, General President, ISCA emphasized the importance of gender equality and introduced the theme. The inaugural session was graced by Prof. C. S. K. Mishra, Director, CBSH (OUAT); Padma Shri Prof. A. P. Dash, Vice Chancellor, AIPH University, Bhubaneswar; Dr. B. K. Dash, Director, CIFRI, Kolkata; Prof. P. P. Mathur, Vice-Chancellor, Birla Global University, Bhubaneswar; Prof. Deepak Kumar Behera, KISS, and Prof. Pawan Kumar Agrawal, Vice-Chancellor, OUAT. Welcoming the guests, Dr. Kajal Parashar, Convener, ISCA BBSR thanked ISCA for providing this opportunity to propagate the science. She also expressed her heartfelt thanks and gratitude to Prof. AchyutaSamanta, Founder, KIIT & KISS. The inaugural session was anchored by Ms. Ritu Roumya Samal, Research Scholar, SAS, KIIT-DU. The first session was chaired by Prof. A.K. Mishra. It comprised six oral presentations by young researchers. The second and third technical sessions were chaired by Dr. C. R. Mishra and Dr. C. S. K. Mishra respectively. The eminent speakers motivated the young minds to work for women empowerment through Science and Technology.

Fig. 5.2: Seminar on Sustainable Development with Women Empowerment by (ISCA), BBSR Chapter with KIIT & KISS and College of Basic Science & Humanities, OUAT

https://news.kiit.ac.in/kiit-events/seminar/inauguration-of- national-seminar-on-sustainable-development-with-women-empowerment

5.6. KIIT & KISS Celebrate International Women's Day "Let the Women Realize Their Inner Power"

Celebration on International Women's Day is not about the women, it is about the respect we have for women, said Dr. Achyuta Samanta, Founder, KIIT & KISS. Speaking at the function on the eve of International Women's Day, he said, "to empower women first, we should encourage and empathize with the helpless and needy women to help them lead a respectful life." "Development can be possible when we respect women. The more we respect women, the more we prosper and grow in our lives", he added. He said, where there was no respect for women, there was no development. "The Society, state or nation, which gives more respect to women, that society, state, and nation is more developed. Respect for women should begin in our own family," he added. Reminiscing the early days of KIIT & KISS, Dr. Samanta said, how, the leading institutions have been respecting and providing equal opportunities to women in every field. "Motherhood itself is the power", said Prof. Sasmita Samanta, Vice-Chancellor, KIIT Deemed to be University. She also added that with the power of motherhood women are always sources of strength, across the globe, where they can enlighten the entire humanity. "According to Swami Vivekanand, let the women work out their own destiny, '' the VC said.Prof. Dr. C. B. K. Mohanty, Pro-VC, KIMS said, "Women are always empowered. They have enormous power and skill just like their male counterparts. They only need to realize their inner strength. We should have to be aware of their hidden talents and skill," he said. Prof. Saranjit Singh, Pro-VC, KIIT DU, gave the welcome address, while Prof. Jnyanaranjan Mohanty, Registrar, proposed the vote of thanks. On this occasion, KIIT & KISS Women Forum was also inaugurated.

Fig. 5.3: Celebration of International Women's Day

https://news.kiit.ac.in/kiitnews/kiit-kiss-celebrate-international-womens-day-let-the-women-realize-their-inner-power/

5.7. KIIT Team Wins AICTE Lilavati Award 2021-22 for Women Empowerment

A four-member team from Kalinga Institute of Industrial Technology (KIIT) Deemed to be University led by its Vice-Chancellor, Prof. SasmitaSamanta has been conferred with the prestigious AICTE Lilavati Award 2021-22 under the sub-theme "Legal Awareness". Prof. Anil D. Sahasrabudhe, Chairman, AICTE presented the award to Prof. SasmitaSamanta, Vice-Chancellor, KIIT-DU at a special felicitation ceremony in New Delhi on 8th March 2022, on the occasion of International Women's Day. Smt. SmritiIrani, Hon'ble Union Minister for Women and Child Development virtually addressed the award ceremony.A Govt. of India initiative aimed at creating an ambiance of equality and fairness for women in educational institutions, AICTE Lilavati Awards are given across eight sub-themes, which include Women and Adolescent Health; Self- Defense; Environment, Sanitation, and Hygiene; Literacy and Life Skills; Women Entrepreneurship; Legal Awareness; Technology for Women; and Women Innovators.

Fig. 5.4: AICTE Lilavati Award begged by KIIT

KIIT was selected as the winner in the 'Legal Awareness' sub-theme for its contribution to the establishment of an equitable just society with peace and happiness. The award carries prize money of Rs. 1,00,000/-. Earlier, a winner and two runners-up from among over 500 participants were recommended in each sub-theme by an expert committee formed by

AICTE, after a thorough scrutiny of the work done in the field of women empowerment. The winners were announced by the AICTE on the basis of recommendations of the expert committee.KIIT Deemed to be University, an 'Institution of Eminence' recognized by the Govt. of India, is remarkable in having a really wide spectrum of social outreach activities. It has promoted women empowerment since its inception and more than 60% of staff at KIIT are women, including several at top positions. Expressing his happiness, Dr. AchyutaSamanta, Founder, KIIT & KISS thanked AICTE for giving the award to KIIT.

https://news.kiit.ac.in/awards/kiit-team-wins-aicte-lilavati-award-2021-22-for-women-empowerment/

5.8. South Asia Women's Conference at KIIT discusses the path to inclusive development

KIIT and KISS Universities of the Temple City, the flag bearer global institutions practicing and propagating gender equality, zero-tolerance against gender-based violence, an entrepreneurship programme for tribal women and girls, capacity building of women in tribal districts, education for all and empowerment through sports, held the opening day sessions of South Asia Women's Conference (SAWC) 2022 on 27th May 2022. The two-day event, in association with the United States Consulate General Hyderabad, held in association with multiple UN bodies, has started discussing sustainable networking for the development of women and girls in South Asia. The SAWC 2022 theme this year is ``Towards an Equitable, Inclusive and Sustainable World." Seventy delegates are participating in the meet. Welcoming the delegates Vice-Chancellor of KIIT Deemed University and Chairman of the inaugural session, Prof SasmitaSamanta said "Women are the epitome of knowledge and we have to connect to the globe to assert the power that we possess with humility." She also observed that women of South Asia have the unique culture of safeguarding the well-being of all around them with their noble qualities like tolerance, peace, and patience, but neglecting their own selves. This conference will try to zero in on the reasons behind such neglect so that the well-being of women folks would be taken care of, in the future.

Fig. 5.5: South Asia Women's Conference at KIIT discusses the path to inclusive development

https://news.kiit.ac.in/kiit-events/conference/south-asia- womens-conference-at-kiit-discusses-the-path-to-inclusive-development/

5.9. Student Panel Discussion on Women Entrepreneurship at KSOM

Synergy, the HR Club of KSOM, conducted a 'Knowledge Dialogue' session on "What Women Entrepreneurs Bring to the Table in the 21st Century" on February 4, 2022. The student panel discussion featured Riddhi Bhattacharya, Bicky Rauniyar, and Simon Macharia, BBA-II students of KSOM, with Mayank, an MBA-I student, as the moderator. The session explored women's roles in entrepreneurship, referencing Swami Vivekananda's quote. Riddhi envisioned herself as a future women entrepreneur, Simon highlighted Wangari Muta Maathai's impact, and Bicky stressed the need for compassionate female leaders. Success stories of Vandana Luthra (VLCC) and Falguni Nayar (Nykaa) were shared. The discussion concluded with the importance of women standing up for their dreams. Anchored by Shatabdi Ghosh and

Tapaswanee Sahoo, the session underlined women's potential in leadership and entrepreneurship.

Fig. 5.6: Student Panel Discussion on Women Entrepreneurship

https://news.kiit.ac.in/schools/ksom/student-panel-discussion-on-women-entrepreneurship-at-ksom/

5.10. KINS Organizes CNE On "Step Up For Breastfeeding: Educate And Support"

Kalinga Institute of Nursing Sciences (KINS) organized a one-day CNE on "Step up for Breastfeeding: Educate and Support" on 4th August 2022 in virtual mode to celebrate the World Breastfeeding Day. Prof (Dr.) Niyati Das, Principal, KINS; Mrs Trupti Rekha Swain, Asst. Professor; and Dr. V. Sivashankari, Asso. Professor also spoke at the CNE, which was anchored by Miss Disha Sinha, M.Sc. (N) 2nd year student. The vote of thanks was proposed by Prof. Kalyani Rath, Vice Principal, KINS. Around 150 participants joined the program.

Fig. 5.7: KINS Organizes CNE On "Step Up For Breastfeeding: Educate And Support"

https://news.kiit.ac.in/schools/school-of-nursing-sciences/kins-organizes-cne-on-step-up-for-breastfeeding-educate-and-support/

5.11. Kalinga Institute of Nursing Sciences (KINS) celebrated National Girl Child Day under "Azadi Ka Amrit Mahotsav"

The NSS wing of Kalinga Institute of Nursing Sciences (KINS) celebrated National Girl Child Day under "Azadi Ka Amrit Mahotsav" on 24th January 2022. several activities were performed by NSS volunteers of B.Sc. Nursing 2nd year and 3rd year to spread awareness among the public about gender equality, rights of the girl child , the importance of female education, health, and nutrition and steps to be undertaken for bringing down the female feticide.

Fig. 5.8: KINS celebrated National Girl Child Day under "Azadi Ka Amrit Mahotsav"

https://news.kiit.ac.in/kins/kins-nss-unit-celebrates-national-girl-child-day-2022

5.12. NSS School of Computer Engineering Celebrates National Girl Child Day

National Girl Child Day is celebrated every year on 24th January to change society's perspective towards girls. It was started in 2008 by the Ministry of Women and Child Development. Dr. Kajal Parashar, Program Coordinator, KIIT NSS Bureau, Prof. Sheetal Das, Prof. Ramakant Parida and Dr. Minakhi Rout, Program Officers of NSS School of Computer Engineering graced the celebration of National Girl Child Day by NSS School of Computer Engineering on 24th January 2022. They told the volunteers about the significance of the day. The NSS volunteers presented their thoughts

through beautiful poems and life stories of powerful and inspiring women like Kiran Bedi, Rani Lakshmibai, and Kalpana Chawla. The guest speakers - Sadhana Mishra, Field Officer, KISS-DU; Ms. Bobby, Deputy Registrar (Exam) & Liaison Officer (PwD), NIT Patna, and Dr. Kumari Geeta, Assistant Professor in Public Nutrition, Delhi University - addressed the gathering with thought provoking speeches on women empowerment and women equality.

Fig. 5.9: National Girl Child Day Celebrated NSS School of Computer Engineering

https://news.kiit.ac.in/schools/sot/computer/nss-school-of-computer-engineering-celebrates-national-girl-child-day/

5.13. Women's Society of KSAC Organizes Open Mic Event

'Kamakshi', the Women's Society under KIIT Student Activity Centre (KSAC), conducted an open mic discussion on the occasion of National Girl Child Day on 24th January 2022 virtually. The topic of the event, held in the backdrop of 75 years of Indian Independence, i.e Azadi ka Amrit Mahotsav by NIC & Ministry of Culture through AICTE, was "Empowerment of Girls". From Amelia Earhart to Asha Bhosle, Audrey Hepburn to Savitribai Phule, there's a girl for everyone. These girls, despite hailing from many walks of life and different eras, have defied expectations and served as pillars of strength for girls in this society. To exemplify such sentiment, the members of the society had prepared a video where they shared their inspirational stories. This was followed by a presentation by the faculty coordinator, Ms. Parthiba Chakraborty, where she spoke about the statistics depicting the position of girl child in various categories like literacy rate, employment, the key problems of a girl child, their rights and how they are treated by our society, the government schemes for the female child, and the impact of mass media on the

issues of a female child. She also spoke on how we can make a change in society.

Fig. 5.10. Kamakshi conducts Open Mic Event

https://news.kiit.ac.in/ksac/national-girl-child-day-womens-society-of-ksac-organizes-open-mic-event

5.14. National Girl Child Day Observed by Enactus, KISS-KIIT

Enactus KISS-KIIT, an outreach programme of KSAC, undertook a social-media campaign #mypadmystory, which is an empowering movement to de-stigmatize menstruation and delineate all the taboos associated with it which are socially abhorrent. With the sole belief that every boy and girl should be made aware of all the right information when it comes to menstruation, this campaign attempted to bridge the gap for a safer future, where no girl feels unsafe or disgusted by something as normal as getting their periods. Following this suit, on 23rd January 2022, the Enactus team organized a virtual meeting with an extremely fun pop quiz targeted mainly towards the non-menstruating audience to test their knowledge about periods.
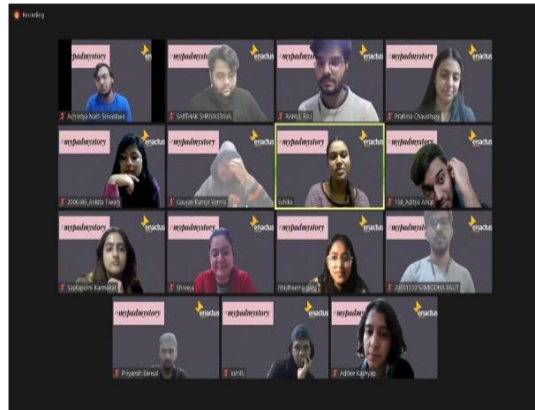

Fig. 5.11: National Girl Child Day Observed by Enactus, KISS-KIIT DU

https://news.kiit.ac.in/kiitnews/national-girl-child-day-observed-by-enactus-kiss-kiit-no-country-can-ever-truly-flourish-if-it-stifles-the-potential-of-its-women-and-deprives-itself-of-the-contribution-of-its-half-citizens

5.16. KIIT Law School Organizes Panel Discussion on Increase of Women's Age for Marriage: Social and Legal Ramifications

KIIT Centre for Constitutional Law Studies & Research (CCLSR), KIIT Law School (KLS) organized a Panel Discussion on the topic "Increase of Women's Age for Marriage: Social and Legal Ramifications" on 30th January 2022.

Fig. 5.12: Panel discussion by KIIT Law school

Prof. S. N. Mishra, Dean, KIIT School of Management; Adv. Ashwini Upadhyay, Advocate, Supreme Court of India; and Dr. Tapan Mohanty, Professor, National Law Institute University, Bhopal were the key speakers of the panel discussion. Adv. Ashwini Upadhyay stated that Financial independence, mental and physical maturity can't be attained at the age of 18 so, increase of women's age at marriage is a great initiative and should be debated in each part of the country. The speakers emphasized the advantages of increasing the age and explained the constitutional validity of the bill.

https://news.kiit.ac.in/schools/law/kiit-law-school-organizes-panel-discussion-on-increase-of-womens-age-for-marriage-social-and-legal-ramifications/

5.17. KINS Celebrates "Kids Smile Day"

The NSS Wing of Kalinga Institute of Nursing Sciences (KINS) celebrated the "Kids Smile Day" at Basundhara, an orphanage in Bidanasi,

Cuttack on 31st January 2022. The celebration, which had "Enhancing This World, One Smile" as its motto, aimed to motivate students to come forward for such kids who have not got the opportunity to know the world properly. The event was conducted by NSS volunteers of B.Sc. Nursing who demonstrated the basic first aid care for the children in case of any injury (stop bleeding and bandaging), choking (Heimlich maneuver procedure) and fever (cold sponging) followed by personal hygiene with hand washing practice. A platform was provided to the children where they showcased their talent like poem recitation, dance, singing, etc. and volunteers joined in entertainment with kids. Healthy snacks were also arranged for the children. The volunteers expressed special thanks to Dr. Kajal Parashar, Program Coordinator, KIIT NSS Bureau and for her motivation and Dr. Niyati Das, Principal, KINS for her cooperation to make the event successful.

Fig. 5.13: Celebration of at Orphanages

https://news.kiit.ac.in/schools/school-of-nursing-sciences/kins-nss-unit-celebrates-kids-smile-day-at-orphanage/

5.18. Nurses Served as Heroes during Covid pandemic; Remember KIMS Doctors on International Nursing Day

Noted physician and Pro-Vice-Chancellor of KIMS Prof Dr CBK Mohanty on Thursday lauded the "heroic" role played by the nurses during the Covid pandemic and encouraged students to build on their skills sets and tap on the expected 43-lakh job opening for them by 2024. He inspired the nursing students to set an example for the rest with their steadfast commitment to the profession, dedication,

sympathy and compassion. Addressing the students at an event organized by the Kalinga Institute of Nursing Sciences (KINS), a KIIT Constituent, to commemorate International Nurses Day, Dr Mohanty said nursing is a noble profession, a profession where the nurses are a patient's constant companion and instill hope and confidence in them. Nursing is to nourish; to take care and to serve.

Fig. 5.14: Nurses Served as Heroes during Covid pandemic; Remember KIMS Doctors on International Nursing Day

To serve without expectations is akin to motherly care. It is a relationship of confidence and this confidence brings confidence in the minds of patients," Dr Mohanty said. "Nurses were heroes during the Covid pandemic and worked like angels during epidemics and disasters. They are the beacon of hope and compassion," he underlined. Maj Gen DG Dr P K Patnaik of the School of Medicine asked the nursing students to develop their skill sets on the ground as these traits will help them earn the dependence of the seniors. "You are entering a new phase in your life and this is a worthy and pious profession. Your commitment and dedication to the profession will take you ahead in life," he said and alluded to studies saying that by 2024 India will be requiring 43 lakh trained nurses. He also underscored the need to find an Indian icon from the nursing profession who can be an inspiration for lakhs of nurses in the country. The International Nursing Day is celebrated in the memory of Florence Nightingale, hailed as the founder of modern nursing. In all, 138 students took the oath before her portrait to commit themselves and their best to the profession. Former principal of the College of Nursing, Cancer Hill Hospital, Gwalior Prof Renuka Das elucidated on the critical role played by nurses in handling patients with care, saying the service requires 24 hours of dedication and sincerity. Nursing Superintendent PBHM, KIMS Col Susamma Sahu called upon the students to utilize the facilities at KINS to the best of their abilities. She said knowledge and skills are key attributes for a nurse to save the patients. Principal of KINS Prof Dr Niyati Das harped on the need to invest in the future of the nursing students to strengthen the healthcare system across the world, referring to a WHO study that highlighted the shortage of 27 million nurses worldwide.

https://news.kiit.ac.in/schools/school-of-nursing-sciences/nurses-served-as-heroes-during-covid-pandemic-remember-kims-doctors-on-international-nursing-day/

The more details can be found in following links

Link for Community Engagement
https://kiit.ac.in/community-engagement/

Link for Kanyakiron
https://kanyakiran.com/

Link for KIIT Event:
https://news.kiit.ac.in/

The University is engaged in various initiatives in addressing the SDG 6. There are already several initiatives in place and associated activities relate to this goal. Several new initiatives and program in this regard have been carried out in the stipulated period which is outline in this section.

6.1. KIIT Green-an initiative towards Environment

KIIT Green, the bold initiative of KIIT University to control environmental pollution and to create a healthy ambience in and around 25 sq. km. area in which different campuses of KIIT are located has been successfully implemented. Different new units for rain water harvesting and sewerage treatments were added to various buildings and are currently taken care of by KIIT Green team.

https://kiit.ac.in/campuslife/green-campus/

6.2. Outreach Activities Towards SDG 6 by KIIT Students

The students of KIIT University have been participating in different outreach activities to promote awareness on social Distancing, washing hands, drinking clean water and respiratory hygiene in their respective districts. Awareness on such activities have been carried out through online mode during the COVID-19 Pandemic. 500 volunteers were involved for this purpose and 220 villages in aspirational districts of Rayagada, Koraput and Malkangiri were covered. They also helped the state government in monitoring and administering Quarantine Centers in these areas. The work covers 6 aspirational Districts of Odisha: Raygada, Malkangiri, Koraput, Kandhamal, Balangir, and Gajpati. Nearly 4000+ people have been made aware about the importance of social distancing, proper hand washing etc.

6.3. Water Purification and Treatment Plant at University

Water supply to all campuses, units and residential complexes of the University is provided only after proper treatment and Purification.

6.4. Swachh Bharat Mission

Swachh Bharat Mission (SBM), Swachh Bharat Abhiyan (SBA), or Clean India Mission is a Pan India campaign initiated by the Government of India in 2014 to stop open defecation and improve solid waste management. KIIT and its student societies regularly and annually take part in the SBM to spread awareness on the health dangers of open defecation. Several public toilets have also been set up by the University in remote areas to prevent open defecation.

6.5. Health Education Program and Sanitation Awareness programme in Rural Villages

KIIT University conducted health education program and sanitation awareness campaigns at Tangibanta Village. KIIT School of Electronics Engineering and Kalinga Institute Dental

Science (KIDS) collaborated and took an initiative to educate people of Tangibanta village about the basic steps of hygiene and sanitation. Nearly 500+ people got benefited.

KIIT had initiated the project on "Tap Drinking Water Project" to supply purified water to each household of Kalarabank village. The project has brought down incidents of water borne diseases, which were widespread earlier. Nearly 2,500+ people got benefited.

6.6. Research Funded Project Towards SDG 6 in 2022

KIIT along with various agencies carry out numerous research projects on "clean water and Sanitation". Some of the project titles are highlighted below:

➢ 'Toilet Stories from a Coastal Village of Odisha:-A Participatory Study of Sanitation and Social Change' in collaboration with Mahatma Gandhi National Council of Rural Education. (Project related to Sanitation)

➢ 'Relationship between household sanitation and woman's experience of menstrual hygiene under Swachha Bharat Mission. (Project related to Sanitation)

➢ (Clean India Mission) in Odisha', in collaboration with Indian Council of Social Science and Research (ICSSR). (Project related to Sanitation)

➢ 'Estimation of Garbage and quantification in and around Bhuasuni Dumping Yard' in collaboration with the Bhubaneswar Municipal Corporation, Odisha, India. (Project related to Sanitation)

➢ Anthropogenic and Geogenic contamination of groundwater in Bhubaneswar Urban catchment, A Systematic Investigation. (ICSSR-Major Project). This project mostly focus on the ground water quality management and also protecting groundwater from contamination due to the human activities and industrial growth. (Project related to Clean Water and Sanitation)

6.7. Project on Wellness of Tribal Children in Kandhamal District of Odisha

In August 2022, KIIT, under the auspices of the Department of Science and Technology (DST), Govt. of India, initiated a significant study titled "Wellness of Tribal Children in Kandhamal District of Odisha." The project

launch took place at Govt. (SSD) Girls High School, Belapadar. Prof. Achyuta Samanta, Founder of KIIT & KISS, expressed his dedication to the welfare of tribal children, praising the involvement of senior faculty members in this noble endeavor.

The study's focal points encompass safe drinking water awareness, oral and menstrual hygiene among school students. Dr. Rojalin Sahu, the project's principal investigator, underscored the significance of quality drinking water. The coming year will witness the extension of the projects' reach to numerous schools in the district.

Fig. 6.1: Project on Wellness Of Tribal Children in Kandhamal

Experts from KIIT's School of Applied Sciences, including Dr. Prasanta Rath, Dr. Alok Kumar Panda, Manoja Kumar Senapati, and Niharika Das, educated students about water quality testing and purification techniques. In the domain of healthcare, Professors Brig. (Dr.) Sudhanshu Rath and Dr. Jyochnamayi Panda, along with Dr. P.V. Samir and his team, imparted valuable insights on menstrual health and oral hygiene. Coordinated by PA-ITDA, Phulbani, the initiative strives to holistically uplift the wellness of tribal children, contributing to their healthier future.

https://news.kiit.ac.in/kiitnews/kiit-launches-project-on-wellness-of-tribal-children-in-kandhamal-district-of-odisha/

6.8. International Conference On "Living Sustainability in Harmony With Nature" 'WED 2022'

World Environment Day is the biggest international day for the environment, led by the United Nations Environment Programme (UNEP), and held annually since 1974. It has grown to be the largest global platform for environment outreach. It is celebrated by

millions of people across the world. This year, World Environment Day 2022 is hosted by Sweden. "Only One Earth" is the campaign slogan, with the focus on "Living Sustainably in Harmony with Nature". KIIT DU celebrating this day by organising an INTERNATIONAL CONFERENCE ON "LIVING SUSTAINABILITY IN HARMONY WITH NATURE", during June 4th – 5th, 2022.
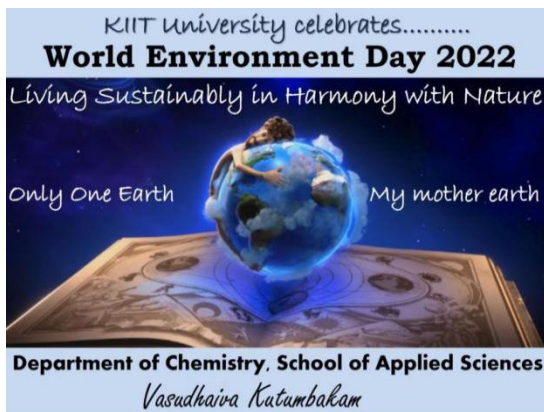

Fig.6.2: Celebration of World Environment Day 2022

https://kiit.ac.in/event/international-conference-on-living-sustainability-in-harmony-with-nature-wed-2022/

6.9. National Jal Jeevan Mission at KIIT-TBI

Department of Drinking Water and Sanitation (DDWS), Ministry of Jal Shakti and Invest India have launched an Innovation Challenge to develop "portable devices that can be used at the household level; to test the drinking water quality instantly, easily and accurately." Keeping in view the source of water, three variants of portable devices will be developed under this program.

Invest India & KIIT-TBI are working together to develop (a) devices that can be used at the household level to test the drinking water quality instantly, (b) a portable device only to detect the presence or absence of bacteriological contamination, (c) a portable device to test one or Multiple parameters.
https://kiitincubator.in/jal-jeevan/

6.10. KIIT DU certification courses on "Modeling Applications in Water Resources Engineering"

KIIT has started the cerification courses on" Modeling Applications in Water Resources Engineering". The objectives of the course To build the capacity of interns in understanding, assimilating and applying various statistical, mathematical (numerical and analytical) and optimization techniques along with various modeling principles in the planning, development and management of water resources. The internship aims at providing the interns various advanced methods and techniques which are quite relevant to optimize and manage various processes of planning, development and management of water resources of any river basin or State or Country. At the end of this internship, the interns will be in a position to apply the acquired knowledge of statistical methods, mathematical solutions both in terms of numerical and analytical way, development and application of various modeling principles (both physical and mathematical), and various optimization techniques for efficient and effective planning, development and management of water resources.
https://civil.kiit.ac.in/water-resources-engineering/

6.11. KIIT organizes guest lecture on "Over-extraction of Groundwater"

On the 4th of March 2022, Professor M. M. Awad, an esteemed expert in Thermal Engineering and an Associate Professor in the Mechanical Power Engineering Department at Mansoura University, Egypt, delivered a compelling virtual Technical Talk titled "Energy-Water Nexus: Case Studies in Egypt." This enlightening lecture was part of the Colloquium Lecture Series for the 2021-22 academic year, organized by the KIIT School of Mechanical Engineering.

Professor Awad's talk addressed a pressing issue that affects many countries, including India and Egypt: the over-extraction of groundwater, which poses a significant threat to the environment. His innovative solution, condensing moisture from the air using solar energy and environmentally friendly materials like Calcium Chloride, garnered international praise. This approach holds the potential to revolutionize the way we tackle water scarcity in the future.

Professor Bharat Chandra Routara, Dean of the School of Mechanical Engineering,

expressed gratitude for Professor Awad's valuable insights, highlighting the importance of his work. The interaction session moderated by Dr. Spandan Guha followed the lecture, further enriching the discussion.
https://news.kiit.ac.in/schools/sot/mechanical/kiitschool-of-mechanical-engineering-organizes-colloquium-lecture-series/

6.12. Talk on "Water conservation and the role of society"

On May 2, 2022, KIIT School of Mechanical Engineering, in collaboration with the KIIT Alumni Association, hosted the fifth installment of its 'Alumni Talk Series.' The featured speaker for this engaging webinar was Mr. Shashank Singh, a distinguished alumnus from the 2013 batch of the school and the Founder & Director of GRAM Association in Jharkhand.

During his talk on "Water conservation and the role of society," Mr. Singh shared insights into the vital role society plays in water conservation. Drawing from his experiences, including work with Barefoot College in Rajasthan and initiatives like Harvesting The Heaven Campaign India, he highlighted various water conservation methods, especially in regions with low rainfall. His emphasis was on utilizing surface water resources instead of depleting deep groundwater reserves. Mr. Singh also discussed how his NGO facilitates community-led projects, such as building small dams and digging ponds, through crowd funding.

Expressing gratitude to KIIT for his achievements, Mr. Singh praised the institution's alumni connect program. The session, which included interactions with students and alumni, was expertly coordinated and moderated by Prof. Prakash Ghose, the Alumni Coordinator, and witnessed the participation of Prof. Bharat Chandra Routara, Dean of the School of Mechanical Engineering.

https://news.kiit.ac.in/schools/sot/mechanical/alumni-talk-at-kiit-school-of-mechanical-engineering/

6.13. Project on "Social determiners of water inequity – A Systematic investigation at Bhubaneswar"

From the whole study of all the Zone of Bhubaneswar Municipal Corporation with respect to basic water quality parameters, it has been concluded that most of the areas almost all the quality parameters (pH, DO, Conductivity, Alkalinity, Hardness, Chloride, TDS and BOD) which has been taken in our project lies within the permissible limit. Societal Impact of the Project are-

It has been concluded that social determiners are not affecting the water distribution which indicates the SDG6 is fulfilled in each house.

As there is no Quality inequity exists in the supply water so people of BBSR are getting good water supply irrespective of their location and social status.

The ultimate problem remains in access to 'water filtration devices' for the economically weaker sections in the wards. The necessity exists for the government to implement a Scheme for subsidized filtration devices distribution in Bhubaneswar Wards.

Fig. 6.3: Project study on Social determiners of water inequity

6.14. Project on "Anthropogenic and geogenic contamination of ground water in Bhubaneswar Urban Catchment-A systematic investigation"

The Project focuses the Study of ground water contamination in BBSR due to Anthropogenic and Geogenic activities. The ground water samples collected in three-time intervals /year (Pre-monsoon, monsoon, and post-monsoon) in the same locations with Geo-tagging. The Laboratory testing of Physio chemical parameters and the other contaminants like F-, No3, Fe, Cl- and SO4 has been found out by laboratory testing. The analysis of samples will be done using statistical software.

This study will help to find out the effect of industrialization, population growth, huge dumping of waste materials on the quality of ground water. Also, it will help the government

to take suitable precautions for protection of groundwater in the areas where the contamination has already started. It will help the policy makers to create law and order for protection of ground water.

6.15. KINS Organizes School Health Programme

The B.Sc. 4th year nursing students of Kalinga Institute of Nursing Sciences organized School Health Service on 15th Dec, 2022. The program was conducted under the mentorship and guidance of Mrs. Soumya Sonalika, Asst. Prof department of Community Health Nursing and Mrs. Sasmita Nayak, Asst. Prof Department of Community Health Nursing at Sarkari Uccha Prathamik Vidyalaya, Harekrishna Nagar, Niladri Vihar.

School children of Class V and Class VIII participated in the programme, under which their health assessment, including anthropometric measurement and physical examination, was performed by B.Sc. students. They provided health education on 'Personal Hygiene and hand washing techniques' followed by 'Good Touch-Bad Touch' to the 8th standard school students.

First aid box was donated to the school. The program ended with distribution of snacks among the children and teachers of the school. The programme was successful with constant support and motivation of Prof. Dr. Anasuya Pattanayak ,HOD Community Health Nursing Department.

Fig. 6.4: KINS Organizes School Health Programme

https://news.kiit.ac.in/schools/school-of-nursing-sciences/kins-organizes-school-health-programme-2/

6.16. Project on "Relationship between household sanitation and women's experience of menstrual hygiene under Swachh Bharat Mission (Clean India Mission) in Odisha"

Access to water, sanitation, and hygiene (WASH) facilities has been globally recognized as a critical need, especially for women and girls to ensure their menstrual hygiene. This project aims to assess the women's perception of household sanitation facilities and menstrual hygiene management experience and to investigate the association between household sanitation and women's menstrual management experience in Odisha under Swachh Bharat Mission. A cross-sectional study was conducted in Balasore district of Odisha state in India among 694 rural women and girls aged 15-45 years selected using a multi-stage sampling method. The Performance Monitoring and Accountability (PMA) 2020 questionnaire was used for data collection. Multivariate logistic regression analysis was carried out using SPSS version 25.

More than two-thirds (68.4%) of rural households use improved sanitation facilities. Around 30% of families have inadequate sanitation infrastructure, which means at least one household member defecates in the open space. Nearly 64.6% disposed of their menstrual absorbents in the bush or field, while 29.1% disposed in the river and 24.1% in the waste bin. Still, 40.6% of women were using clothes as menstrual absorbents, and 54.9% of the respondents reported washing their menstrual materials for re-use. Of those who washed and re-used, 99.2% said their re-use material was completely dry before re-use. About 69.7% of the respondents mentioned that they change their menstrual absorbents in sleeping areas at home. About 91% of the respondents reported that the place where they changed their menstrual absorbents was safe, clean, and private. Only 22.5% of women responded to having water and soap at their menstruation management area. Further, women and girls with improved sanitation facilities (aOR = 1.56, 95% CI: 1.09 - 2.59) were

more likely to change menstrual materials at the main household sanitation facility than those with an unimproved sanitation facility. In contrast, households using improved sanitation facility were less likely to use bedroom/sleeping areas to change the menstrual materials (aOR=0.65, 95% CI: 0.42-0.99) than those with an unimproved facility Availability of improved household sanitation is critical to good menstruation management practices.

The effort for improvements in sanitary techniques during menstruation is partly effective in creating healthy behavior. The current strategy for developing programs to adopt menstrual hygiene measures needs a bottom- up approach with women at the center. Components associated with menstrual hygiene management, such as women's cleanliness, water supply, and the availability and accessibility of disposable sanitary napkins, should be given specific attention. It is essential to acknowledge the issues like toilet construction and behavior change communication to consolidate the gains in an era of "Clean India Mission." State-specific policy for menstrual health and hygiene could provide the much-needed impetus to strengthen WASH infrastructure in rural and tribal regions of Odisha.

This project was the first in the state of Odisha that offer data on a large scale on various aspects of menstrual hygiene of women and girl and their association with household sanitation in rural areas. This project brought attention that seeks to engage in transformations that can make a real difference to communities. This project was one of the example of dealing with menstruation management and their association with household sanitation among women and girl, working in some of the world poorest settings such as in Odisha. What we learned from this project was already presented in Consortium of Universities Global Health (CUGH), Washington- international forum of public global health linked to women's health and menstruation. Also two publications have already made in a peer-reviewed international journal with impact factor of 1.4 and 1.6 that gives societal impact. Readers around the globe reading this publication and citing the research paper for more societal visibility and implications. The project outcomes had also led the way forward engaging key discussion points for the national policy makers, state and local administrator and health managers to devise safe menstrual management and other strategies for better health of the women. In the long run, this project will bring the changes in lives of women with more financial gain that can improve quality of life.

Fig. 6.5: Various field study regarding the project on "Relationship between household sanitation and women's experience of menstrual hygiene under Swachh Bharat Mission (Clean India Mission) in Odisha"

https://ksph.kiit.ac.in/research-projects/

The University is engaged in various initiatives in addressing the Sustainable Development Goal 7. There are already several initiatives in place and the associated activities relate to this goal. Several new initiatives and programs in this regard have been carried out in the stipulated period which are outlined in this section.

7.1. KIIT Green Initiatives

KIIT Green envisaged and implemented various pollution control plans in the campus. The University had taken up the ambitious plan of making the campus totally vehicle free. In the first phase, use of bikes, both by students and staffs, has been prohibited after putting in place an effective alternative transport arrangement.

Besides mass plantation and limiting vehicular pollution, other environmentally friendly initiatives under KIIT Green included setting up new rain water harvesting and water management systems, sewerage treatment systems, biogas plants, solar water heating systems, etc in the campus.

https://kiit.ac.in/campuslife/green-campus/#

https://sustainability.kiit.ac.in/

7.2. Campuses with Renewable Energy Sources

The newly constructed buildings in the campuses has the provision of solar energy supply; this initiative has been taken with special reference to renewable energy for fulfilling the objective of SDG 7. The various schools of the University such as School of Electrical Engineering, School of Electronics,

School of computer science and engineering, School of applied Physics carry out significant research towards SDG 7.

All the campuses, units and hostels of the University are equipped with solar panels to utilize the heat and solar energy abundantly available in our country.

Energy efficiency is a key component of our sustainability strategy. KIIT conducts regular energy audits to identify areas of improvement, implement energy-saving technologies, and educate its staff and students about energy-conscious behavior. By optimizing energy consumption across all areas of our institution, we minimize our energy footprint and reduce greenhouse gas emissions.

Fig. 7.1: KIIT won Odisha State Energy Conservation Award-2022

The use of energy-efficient light sources, the use of capacitor banks to improve overall power factor and reduce electricity waste, the replacement of conventional motors with modern, high efficiency motors, the upgrading and routine maintenance of air conditioning systems for low power consumption, and the

implementation of IoT-based smart lighting systems are major initiatives. The University saved 10,273,000 kWh units of energy in the year 2022. The State Government of Odisha has recognized KIIT University in the category "Educational Institute - Best Performance in the field of Energy Saving and Conservation" for our exceptional commitment to energy saving in the year 2022. The University has committed to enhance its current energy saving and conservation projects in the upcoming years.

https://news.kiit.ac.in/achievements/kiit-bags-odisha-state-energy-conservation-award-2022/

Fig.7.2: Evolution and projection of installed capacity (in kWh) of Renewable Energy at KIIT

KIIT is committed to increasing its use of renewable energy sources. The University explored opportunities to install on-site renewable energy systems, such as solar panels or wind turbines, and actively seek partnerships with local renewable energy providers. KIIT's goal is to make a transition to a sustainable energy mix and reduce dependence on fossil fuels. By increasing the share of renewable energy in our energy supply, we will contribute to university's goal of reaching carbon neutrality by 2050. In the last 5 years, the total energy generation through our solar PV systems is 4782151 kWh. KIIT's plan is to incorporate other types of renewable sources such as from Wind Power, Fuel Cells, etc. The University intends to procure more power from utilities sourcing renewable power than fossil fuels.

https://sustainability.kiit.ac.in/?page_id=190

7.3. Waste Management

KIIT recognizes the importance of responsible waste management practices. We have implemented comprehensive waste management systems, including recycling, composting, and proper disposal of hazardous materials. Our focus is on waste reduction, promoting a circular economy, and encouraging reuse and recycling initiatives.
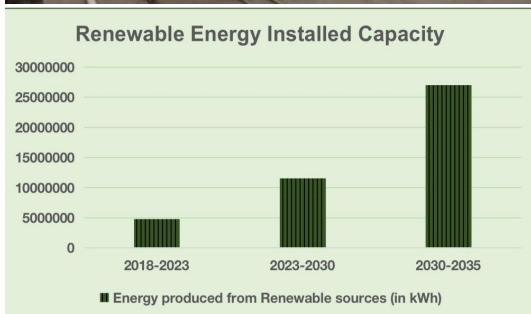

Fig. 7.3: Organic waste based Bio-gas generation plants placed at the campus

The University explores innovative waste management technologies and collaborate with waste management experts to optimize our

waste management practices. The University already has 4x500 kg/day capacity Bio-gas plant installed which converts organic waste into 600 cu.cm of bio-gas per day, which is used for cooking and heating purposes at the hostels. Our plan is to double our capacity by 2030.

7.4. Awareness Camps on the use of Solar Energy

Awareness camps have been organized in different rural areas to propagate the message on the use, advantages and maintenance of solar ovens and solar lamps.

7.5. Development of Green Vehicle at KIIT campus

The automobile society of the University and the KIIT student research centre has developed green vehicles (powered by solar energy and electric battery) for commuting within the campus and performing the research on green vehicles.

Fig. 7.4: Development of various green vehicles (Solar Powered) by Automobile Society and KIIT student research group

7.6. National Seminar & Training Programme on 'Plasma, Its Applications and Energy from Nuclear Fusion'

The ISCA Bhubaneswar Chapter, in collaboration with KISS (Kalinga Institute of Social Sciences), KIIT-DU (Kalinga Institute of Industrial Technology - Deemed to be University), and the Institute for Plasma Research in Gandhinagar, Gujarat, organized a comprehensive five-day National Seminar and Training Programme titled "Plasma, Its Applications, and Energy from Nuclear Fusion" (PAENF-2021). Plasma, often referred to as the fourth state of matter, distinguishes itself from traditional states by not adhering to conventional physical rules. Its versatile applications across various industries have garnered significant global attention, prompting intensive research and exploration.

During the seminar's inauguration, Dr. Asoka Kumar Das, Vice Chairperson of the Odisha State Higher Education Council and Professor Emeritus at KISS, highlighted the paramount importance of plasma in contemporary science and technology. Dr. Ravi A. V. Kumar further elucidated the extensive applications of plasma, emphasizing its role in fields ranging from medicine and agriculture to textiles and industry. The event aimed to promote the understanding and utilization of plasma science and technology for societal benefit.

Fig. 7.5: 'Plasma, Its Applications and Energy from Nuclear Fusion'

https://news.kiit.ac.in/kiit-events/seminar/national-seminar-training-programme-on-plasma-its-applications-and-energy-from-nuclear-fusion/

7.7. Virtual Exhibition by KIIT Robotics Society

On January 30, 2022, the KIIT Robotics Society (KRS) made history with its inaugural virtual exhibition, "Pradarshana 1.0." This remarkable event, overseen by Dr. N. K. Rout, showcased the ingenuity of KRS members and students from the class of 2021. The inaugural session featured distinguished speakers, including Dr. Vimal Kumar Shrivastava, Dr. Shyam Sundar Behura, and Prof. (Dr.) Suprava Patnaik. KRS representatives Rohit Mundhra, Somya Joyti Mondal, Malvika Madan, and Maddhuja Sen provided a captivating introduction, while Vandana Shekhar delivered the vote of thanks.

Over 110 students displayed projects spanning Robotics, Embedded Systems, IoT, Web Development, and Machine Learning, each followed by engaging Q&A sessions. Alumni

talks by accomplished former KRS members added depth to the event, featuring professionals from esteemed companies like Wipro and Radisys India. With over 450 participants, Pradarshana 1.0 marked a significant milestone in KRS's journey.
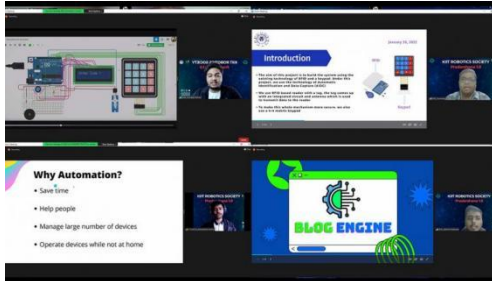

Fig. 7.6: Virtual Exhibition by KIIT Robotics Society

https://news.kiit.ac.in/ksac/virtual-exhibition-by-kiit-robotics-society/

7.8. Inaugural Session of Summer Training Programs at KIIT School of Electrical Engineering

On February 10, 2022, the School of Electrical Engineering at KIIT Deemed to be University hosted a significant event—the Orientation-cum-Inaugural session of its In-house Summer Training Programs. These programs encompassed 'Industrial Automation PLC,' 'Internet of Things (IoT),' and 'Fundamentals of Matlab with Applications.' Distinguished figures within the institution addressed the students, including Dr. B. K. Nayak, the Dean of the School of Electrical Engineering, Prof. Subrat Behera, the Associate Dean of Training & Placement, and training experts Dr. Subhra Debdas for IoT, Dr. Tanmoy Roy Choudhury for Matlab, and Dr. Aliva Mohapatra, also an expert in Matlab.
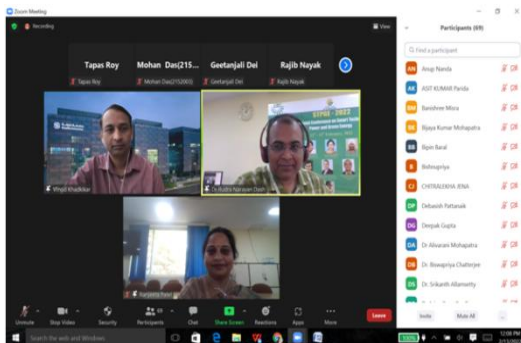

Fig. 7.7: Inaugural Session of Summer Training Programs

The speakers emphasized the significance of this training in the context of the rapidly evolving technology landscape and the demands of the industry. Approximately 60 participants from various academic backgrounds attended this orientation, underlining the enthusiasm and importance of staying abreast of emerging technology trends in today's competitive market and industry.

https://news.kiit.ac.in/schools/sot/electrical/inaugural-session-of-summer-training-programs-at-kiit-school-of-electrical-engineering/

7.9. SOEE Organizes 1st International Springer Conference on Smart Technologies for Power & Green Energy

The School of Electrical Engineering (SOEE) at KIIT Deemed to be University, Bhubaneswar, made a significant stride in the field of technology with the organization of the 1st International Springer Conference on Smart Technologies for Power and Green Energy (STPGE-2022). Held virtually from February 12th to 13th, 2022, this conference attracted notable dignitaries.

The inauguration, graced by Prof. Adam Burakowski, Ambassador of the Republic of Poland to several countries, and luminaries like Prof. Josep M. Guerrero, Prof. Akshay Kumar Rathore, Prof. Bijay Ketan Panigrahi, Prof. Vinod Khadkikar, and others, set the tone for the event. Six keynote sessions and eight technical sessions featuring experts from around the world marked the conference's academic vigor.

The technical sessions covered diverse tracks, including Power Systems, Power Electronics, and Smart Technologies. A total of 37 papers were presented under the guidance of distinguished chairs from renowned institutions. The valedictory function, graced by Prof. Saranjit Singh, Pro Vice Chancellor of KIIT-DU, added a grand finale to this international gathering of minds and ideas.

https://kiit.ac.in/event/1st-international-conference-on-smart-technology-for-power-and-green-energy-stpge-2022/

7.10. Tech-Expo Organized by KIIT Electrical Society

The KIIT Electrical Society (KES) orchestrated a dynamic two-day Tech-Expo at

the KIIT Student Activity Centre (KSAC) on February 26th and 27th, 2022. Carrying the theme 'build Small, Think Big,' KES's mission encompasses the creation of cutting-edge electrical products and fostering social and intellectual growth.

The event commenced with an inspiring inaugural address by Dr. Shyam Sundar Behura, Deputy Director of Student Services at KIIT, who urged participants to delve into their interests and transform ideas into remarkable projects. Faculty Coordinators Dr. Manoj K. Maharana and Dr. Shubhasri Kundu also shared their insights.

The Expo featured six teams, each presenting innovative projects, ranging from Hotel Automation and Automatic Attendance Systems to Light Tracking Solar Panels and Emotion Detection. KES Alumni, including professionals from Jlnphenix Energy Pvt. Ltd. and Cognizant, shared their valuable experiences and insights. The event concluded with an Industry Connect session featuring Mr. Shaon Kanti Bera from BHEL, who offered valuable corporate insights. Additionally, three teams presented projects focused on safety and automation, followed by an engaging quiz and Q&A session, making the Tech-Expo a knowledge-packed and interactive experience.
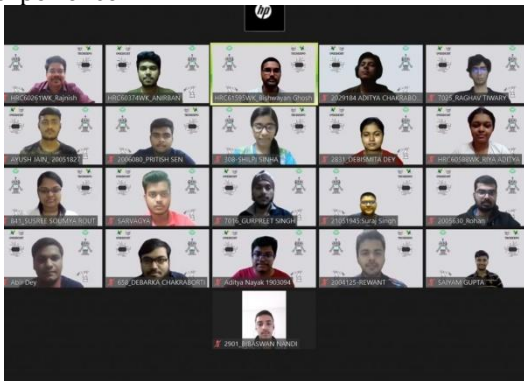

Fig. 7.8: Tech-Expo

https://news.kiit.ac.in/ksac/tech-expo-organized-by-kiit-electrical-society/

7.11. KSOM Knowledge Dialogue Series Webinar on "Energypedia: Energy Conservation& ISO 50001:2018 Energy Management System"

On March 26, 2022, as part of KSOM's Knowledge Dialogue Series, a webinar addressing "Energypedia: Energy Conservation & ISO 50001:2018 Energy Management System" took place. The event featured Shri Sribatsa Panda, an External Faculty from the Petroleum Conservation Research Association (PCRA), as the esteemed guest speaker.

The webinar revolved around ISO 50001:2018, a standard designed to assist organizations across sectors in enhancing energy efficiency through the establishment of an Energy Management System (EnMS). Mr. Panda shared valuable insights, equipping students with the knowledge necessary to leverage ISO 50001 for a more sustainable and energy-efficient future.

The event was skillfully anchored by Miss Shruti Paul and coordinated by Miss Riddhi Goswami. It was organized by Matricks, the Marketing Club of KIIT School of Management, emphasizing the importance of disseminating knowledge and fostering an understanding of energy conservation among students and future leaders.

Fig. 7.9: "Energypedia: Energy Conservation& ISO 50001:2018 Energy Management System"

https://ksom.ac.in/energy-conservation/

7.12. KIIT School of Mechanical Engineering Organizes Seminar Talk on "Energy, Climate Change & I"

Professor Chetan Singh Solanki, known as the "Solar Gandhi of India" from IIT Bombay, has initiated a vital public movement called "Energy Swaraj Yatra" with a vision of raising awareness about the imperative need to conserve energy for the survival of the human race on Earth. This movement, which commenced in November 2020 in Mumbai, aims to inspire a public shift towards 100% adoption of solar energy.

The centerpiece of this journey is the "solar bus" that recently arrived in Bhubaneswar, after traversing through eleven states. Professor Solanki's mobile home is a marvel of sustainability, equipped with 3.2 kW solar panels, 6 kWh of battery storage, and a 3 KVA inverter. While the bus runs on diesel, all its

internal components, from lights to appliances, are powered by solar energy.

As part of the Energy Swaraj Yatra, a seminar was organized by the School of Mechanical Engineering at KIIT Deemed to be University. Professor Solanki emphasized the importance of "avoid, minimize, generate" as a three-step approach to transition fully to solar energy, focusing on efficient energy use and local energy generation. His mission, living and traveling in the solar bus, is slated to continue until 2030, symbolizing an unwavering commitment to a sustainable future.

Fig. 7.10: Seminar Talk on "Energy, Climate Change & I"

https://news.kiit.ac.in/schools/sot/mechanical/kiit-school-of-mechanical-engineering-organizes-seminar-talk-on-energy-climate-change-i

7.13. INDISCON -2022: KIIT School Of Electrical Engineering Hosts 3rd International Flagship Conference

The IEEE India Council's prestigious annual international conference, INDISCON-2022, marked its inauguration at the KIIT School of Electrical Engineering on July 15, 2022. This three-day event is a collaborative effort between IEEE Bhubaneswar Sub-section and the School of Electrical Engineering at KIIT-DU, with the valued support of the IEEE Kolkata Section.

INDISCON-2022 serves as a gathering point for researchers hailing from renowned global institutions. In addition to researchers, professionals and executives from the energy sector, manufacturing industries, and electrical power companies are active participants, convening to exchange ideas and insights on innovative approaches to address contemporary challenges.

The conference's first day commenced with the inauguration of a Missile Park, encompassing both indoor and outdoor installations, by Prof. Sasmita Samanta, Vice

Chancellor of KIIT-DU. The event also witnessed the presence of Executive Council Members of IEEE India Council and officials from ITR (DRDO) Chandipur, Balasore, who shared a captivating video presentation. This conference promises to be a significant platform for knowledge exchange and collaboration in the field of electrical engineering and technology.

Fig. 7.11: INDISCON 2022

https://news.kiit.ac.in/schools/sot/electrical/indiscon-2022-kiit-school-of-electrical-engineering-hosts-3rd-international-flagship-conference/

7.14. KIIT School Of Electrical Engineering Organizes Lecture On "Energy Security And Environmental Wellness"

A guest lecture on "Energy Security and Environmental Wellness-India's Lens" was organized by the School of Electrical Engineering and School of Civil Engineering, KIIT Deemed to be University on 4th August 2022. In his lecture, Dr. Sanath Kumar Saha, Professor, Rani Rashmoni Green University, West Bengal presented the recent and future effects of climate change on the world and gave a clear picture on the natural calamities. He also demonstrated the real impact of pollution.

Fig. 7.12: Energy Security and Environmental Wellness

https://news.kiit.ac.in/schools/sot/electrical/kiit-school-of-electrical-engineering-organizes-lecture-on-energy-security-and-environmental-wellness/

7.15. KIIT School Of Electrical Engineering Organizes Hands-On Practice On Energy System

In August 2022, the School of Electrical Engineering at KIIT Deemed to be University hosted a hands-on "Energy System" practice for student-delegates from Reva University as part of a student exchange program. Dr. S.C. Swain, a Professor at the School of Electrical Engineering and Joint Director of the Skill Project, led the program. The event was graced by the presence of Dr. Satyaranjan Jena, FIC Energy System Lab, Dr. Ritesh Dash, Associate Professor, and Faculty Mentor from Reva University, along with faculty members and staff from KIIT School of Electrical Engineering. This initiative fostered collaborative learning and knowledge exchange between the two institutions.

Fig. 7.13: Hands-On Practice on Energy System

https://news.kiit.ac.in/schools/sot/electrical/kiit-school-of-electrical-engineering-organizes-hands-on-practice-on-energy-system

7.16. KIIT School Of Electrical Engineering IEEE & Bhubaneswar Sub-Section Jointly Organize 'International Conference On Power Electronics & Energy'

From January 3rd to 5th, 2023, the KIIT School of Electrical Engineering and IEEE Bhubaneswar Sub Section, KIIT-DU, jointly organized the 2nd International Conference on Power Electronics and Energy (ICPEE-2023). This significant event, conducted in a hybrid mode, received technical sponsorship from the IEEE Kolkata Section and IEEE IAS Society.

ICPEE-2023 featured an array of keynote addresses delivered by esteemed speakers from both industry and academia, providing insights into their latest research endeavors. Renowned figures like Prof. Josep M. Guerrero from Aalborg University, Prof. Akshay Kumar Rathore from Singapore Institute of Technology, and Dr. Sanjeet Dwivedi from Danfoss Power Electronics A/S Denmark were among the distinguished keynote speakers. Additionally, experts from OPAL-RT Technologies India Pvt. Ltd. were invited to showcase their expertise and product offerings.

The conference served as a platform for the presentation of 47 research papers, fostering knowledge exchange and collaboration in the fields of power electronics and energy.

Fig. 7.14: International Conference on Power Electronics & Energy

https://news.kiit.ac.in/schools/sot/electronics/kiit-school-of-electrical-engineering-ieee-bhubaneswar-sub-section-jointly-organize-international-conference-on-power-electronics-energy/

The more details can be found in following links

Link for KIIT Sustainability
https://sustainability.kiit.ac.in/

Link for Community Engagement
https://kiit.ac.in/community-engagement/

Link for School of Electrical Engineering
https://electrical.kiit.ac.in/

Link for MOUs and Research Collaboration
https://kiit.ac.in/collaborations/

Link for KIIT Event:
https://news.kiit.ac.in/

KIIT is involved in plethora of activities associated with SDG 8 providing and creating avenues for decent work and economic growth for all.

8.1. Imparting Value Based Quality Education of International Standard

KIIT University is participating in the decent work and economic growth by imparting value based quality education of international standard and imbibing skill for solving real life problems; by inculcating global perspective in attitude; by creating leadership qualities with futuristic vision, by fostering spirit of entrepreneurship and realization of societal responsibilities , by cultivating adaption of ethics, morality and healthy practices in professional life; by instilling habit of continual learning, by encouraging and supporting creative abilities and research temperament, by establishing and promoting close interaction with industries and other utility sectors and keep up to date with the state-of-the-art technologies.
https://kiit.ac.in/

8.2. Providing Online Education to the studentS during Pandemic

During the pandemic situation, KIIT conducted online classes and examinations across all centers and schools covering approximately 30,000 children. For the poor students who live in the most backward area, education through WhatsApp was being conducted. KIIT enormously helped in developing online classes for the students of the sister University "Kalinga Institute of Social Sciences" that for 30,000 tribal students from poor families of Odisha. KIIT reaches the poor backward students through a television channel -Kalinga TV. 2,00,000+ students from KIIT, KISS and different parts of the country have benefited from this program.
https://kiit.ac.in/covid-19-news/

8.3. Education of Tribal Students

The University is also involved in facilitating education for tribal students through its association with the sister organization, Kalinga Institute of Social Sciences (KISS) with the voluntary engagement of its faculty members and senior students. Several alumni of KISS hailing from indigenous and poverty stricken background have been brought to the mainstream of the society.
https://kiss.ac.in/

8.4. Camps conducted to identify unemployed potential youths for skill development programme

Offline camps as well as online camps have been organized in different locations of the state of Odisha to identify potential youths who were further trained and made more employable. The training were imparted by experienced University staff members for developing communication skills, business communication writing, basic accounting, ICT technology and Digital skills etc.

The tribal and unemployed youth were referred to the Skill Development Centers for training in different schemes under

Government initiatives (Deen Dayal Upadhyaya Grameen Kaushalya Yojana scheme and Pradhan Mantri Kaushal Vikas Yojana scheme) for making them employable. Details on Skill Development is provided **Appendix-III.**

8.5. Establishment of Learning Development Centers

KIIT has developed learning development centers to facilitate the Preparation of e-learning materials for students from different disciplines across the world, Preparation of specialized courses related to the COVID-19 Pandemic for general public, Workshops for patent and research project applications to scientific organizations, Engaging in collaboration with top ranking Universities for academic exchange and research networking, Organizing certification programs for teaching and laboratory assistants, Organizing bridge courses for students from indigenous communities and other countries to facilitate their learning, Specialized counseling sessions for students with one to one interaction, Promoting peer learning and introducing flipped classroom courses, Guidance in preparation and application for higher studies, Guidance in preparation for Civil Services in the country, Certification programs for tribal communities associated with vocational training entrepreneurship and marketing of forest products, Workshops on entrepreneurship strategies, leadership, marketing and entrepreneurship opportunities in the state of Odisha and India.The learning development center has faculty representatives from different departments and Schools as contact persons to whom their faculty-members and students can approach for availing the services and support of the center.

https://kiit.ac.in/the-learning-development-center/

8.6. Vocational Training to Tribal Students

Online vocational training in candle making, diya making, preparing phenyle and incense sticks etc were also taught to make tribal students self independent.

8.7. Special Recruitment Drives and Dedicated Placement Cell

Special recruitment drives have been organized for the youths leading to economic stability in their families and alleviation of poverty in general. A dedicated placement cell is working continuously to facilitate placement for its students graduating from different programs; the students hailing from tribal background are provided with special mentoring for placement; placement drives are also organized for the trainees under skill development programs.

8.8. KIIT School of Advanced Skill

KIIT University has dedicated skill development school "KIIT School of Advanced Skill (KSAS)" that was set up as part of a national skill development mission to fulfill the growing need in India for skilled manpower in selected sectors and narrowing the existing gap between the demand and supply of skills. Furthermore, KIIT School of Advanced Skill (KSAS) is a Vocational training provider to help bridging the gap between the skilled people required in Industry and the unemployed youth of the country. It also aims at producing the entrepreneurs for the nation enabling more employment opportunity. Our Advanced Skill Center will improve the employability and entrepreneurship of the desirous unskilled resources. Due efforts are underway to create a new wave of entrepreneurship in the country that will result in further employment generation. We always ensure that the right student chooses the right course according to his/her academic background, aptitude and skill-set. Doing this, will help our students get the career edge and the extra push that is so highly needed in a competitive job market, eventually leading to professional success. https://skills.kiit.ac.in/

8.9. Manipur Govt. Inks Agreement with KIIT to Set up Technology Innovation Hub

The Department of Information Technology (DIT), Govt. of Manipur, signed an agreement with KIIT-Technology Business Incubator (KIIT-TBI), KIIT Deemed to be University on January 5, 2022. The agreement aims to establish the Manipur Technology Innovation Hub (MTI-Hub) to promote entrepreneurship in Manipur. The agreement was executed by Shri Nambam Deben, Director (IT), Govt. of Manipur, and Dr. Mrutyunjay Suar, CEO of KIIT-TBI. Under the agreement, the Govt. of Manipur will

provide a furnished 10,000 sq.ft. built-up space along with a portion of the operational costs. Both DIT, Govt. of Manipur, and KIIT-TBI plan to collaborate with other Government of India funding agencies such as DST, MeiTY, MSME, and BIRAC-DBT to strengthen the ecosystem development.

Fig. 8.1: Manipur Govt. Inks Agreement with KIIT to Set up Technology Innovation Hub

https://news.kiit.ac.in/mou/manipur-govt-inks-agreement-with-kiit-to-set-up-technology-innovation- hub/

8.10. KIIT School of Computer Engineering Organizes Lecture on "Digitizing Physical Intelligence"

Dr. Srinath Sridhar, Assistant Professor of Computer Science at Brown University, USA, delivered a lecture titled "Digitizing Physical Intelligence" on January 22, 2022. The lecture was organized by the School of Computer Engineering at KIIT Deemed to be University.
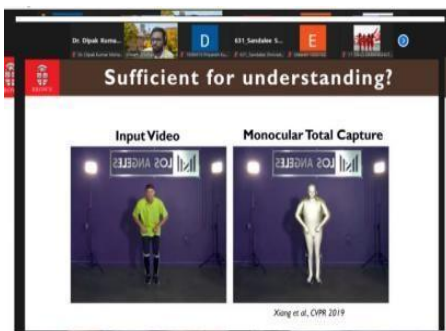

Fig. 8.2: KIIT School of Computer Engineering Organizes Lecture on "Digitizing Physical Intelligence"

https://news.kiit.ac.in/schools/sot/computer/kiit-school- of-computer-engineering-organizes-lecture-on- digitizing-physical-intelligence/

8.11. Pre-Budget Discussion at KIIT School of Management

KIIT School of Management (KSOM) conducted a Pre-Budget Panel Discussion on January 31, 2022, prior to the Union Budget 2022 presentation. Themed "A virtual curtain-raiser to Union Budget 2022 (Predictions and Expectations)," KSOM students engaged in well-structured discussions over virtual mode, analyzing and interpreting their thoughts for various sectors. Participants which highlighted predictions and expectations for the upcoming Budget, focusing on boosting GDP growth across Finance, Healthcare, Education, Agriculture, Rural Development, and Infrastructure sectors.

Fig. 8.3. Pre-Budget Discussion

https://news.kiit.ac.in/schools/ksom/pre-budget-discussion-at-kiit-school-of-management/

8.12. Kraya & Kuber Society of KSAC Conducts Finance Workshop 2.0

"Kraya&Kuber', the Marketing & Finance Society of KIIT, orchestrated the virtual "Finance Workshop 2.0" on February 6, 2022, via the Zoom platform. Themed "Current Trends of Economics" with the topic "Financial Budget-2022", the event featured Prof. S. N. Mishra, Dean of KSOM, as the guest speaker.

Fig. 8.4: Finance Workshop 2.0

Prof. Mishra presented an overview of India's economy in global context, exploring indicators and key government focus areas. The Budget-2022 was summarized, detailing provisions for sectors like education, MSMEs, tax, and more.. The event drew 250 students from KIIT and other institutions.

https://news.kiit.ac.in/ksac/kraya-kuber-society-of-ksac-__conducts-finance-workshop-2-0/

8.13. Panel Discussion on Decoding Financial Bill 2022

KIIT School of Social, Financial & Human Sciences organized a joint panel discussion by the Departments of Taxation and Social Sciences & Humanities on "Decoding Financial Bill 2022". The panel featured Dr. Pravas Mishra from Oxfam India and Mr. Soham Bandhopadhya from Athena Law Associates. Dr. Mishra covered government proposals, discussing their impacts on sectors and concerns, including limited allocation to schemes like MGNREGA.

Fig. 8.5: Panel Discussion on Decoding Financial Bill 2022

https://news.kiit.ac.in/kssfhs/panel-discussion-on-_decoding-financial-bill-2022/

8.14. KIIT Law School Organizes Panel Discussion on Decoding Financial Bill 2022

KIIT Law School's Department of Taxation and Department of Social Sciences & Humanities jointly hosted a panel discussion on "Decoding Financial Bill 2022." Mr. Bandhopadhya discussed potential amendments to the Income Tax Act of 1961 and their impact on the current tax structure. He

also delved into the taxation of cryptocurrencies and its potential as a precursor to crypto legalization. The session engaged students of Taxation Honors and the BA stream.

Fig. 8.6: Panel Discussion on Decoding Financial Bill 2022

https://news.kiit.ac.in/kssfhs/panel-discussion-on-_decoding-financial-bill-2022/

8.15. Inaugural Session of Summer Training

KIIT Deemed to be University's School of Electrical Engineering (SOEE) organized the 1st International Springer Conference on Smart Technologies for Power and Green Energy (STPGE-2022) virtually from February 12th to 13th, 2022. The event featured six keynote sessions and eight technical sessions, with talks by experts such as Ms. Michalina Seliga and Prof. Anup Kumar Panda. A total of 37 papers were presented across various tracks, chaired by experts from renowned institutes.

Fig. 8.7: 1st International Springer Conference on Smart Technologies for Power & Green Energy

https://kiit.ac.in/event/1st-international-conference-on-smart-technology-for-power-and-green-energy-stpge-_2022/

8.16. 1st National Construction Management Konclave at KIIT

On February 19, 2022, KIIT School of Management (KSOM) in collaboration with the School of Civil Engineering orchestrated the inauguration of National Construction Management Konclave on the theme "Emerging Management Trends in Construction Industry." Mr. Ganesh Jirkuntwar, Sr. Executive Director of Dalmia Bharat Group as speaker emphasized the industry's pursuit of resilience, sustainable practices, and investment attractiveness.

Fig. 8.8: 1st National Construction Management Conclave

https://ksom.ac.in/kiit-organized-its-1st-national-construction-management-konclave-on-the-theme- emerging-management-trends-in-construction-industry/

8.17. E Labs Society of KIIT School of Electronics Engineering conducts Webinar on "Big Data Engineering on Cloud Platforms"

'E Labs', the peer learning society of KIIT School of Electronics Engineering, organized a webinar on "Big Data Engineering on Cloud Platforms" on February 6, 2022. The webinar attracted participation from various KIIT Deemed University schools, receiving positive feedback.
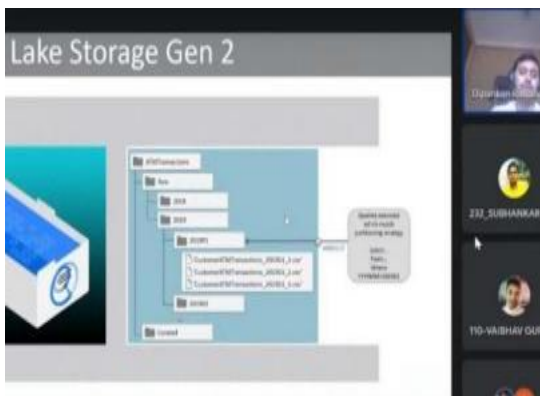

Fig. 8.9: Webinar on "Big Data Engineering on Cloud Platforms"

https://news.kiit.ac.in/schools/sot/electronics/e-labs- society-of-kiit-school-of-electronics-engineering- conducts-webinar-on-big-data-engineering-on-cloud- platforms/

8.18. Knowledge Dialogue Series Webinar at KSOM

KSOM's Knowledge Dialogue Series hosted a webinar titled "First 12 months of Launching a Business: Clueless to Working with Unicorns" on February 26, 2022. The speaker, Mr. Ishaan Shakunt, an alumnus of KIIT and Founder of Spear Growth, shared insights on transitioning from startup ideation to success.
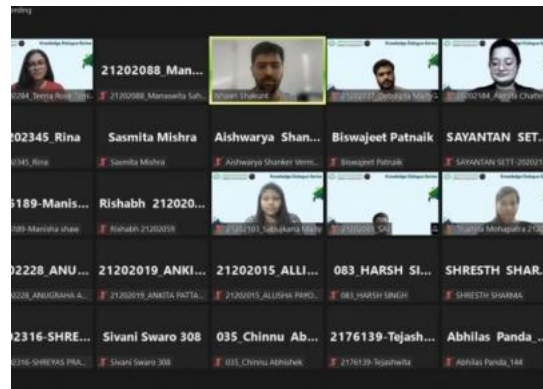

Fig. 8.10: Knowledge Dialogue Series Webinar at KSOM

https://news.kiit.ac.in/schools/ksom/knowledge- dialogue-series-webinar-at-ksom/

8.19. Tech-Expo Organized by KIIT Electrical Society

The KIIT Electrical Society (KES) organized a two-day Tech-Expo on February 26th and 27th, 2022, with the theme "build Small, Think Big." KES aims to create cutting-edge electrical products and promote social and intellectual benefits.

Fig. 8.11: Tech-Expo Organized by KIIT Electrical Society

8.20. Alumni Tech Talk on "From Sand to Silicon: A Journey of becoming Chip Design Engineer" at KIIT School of Electronics Engineering:

The School of Electronics Engineering at KIIT DU organized an enlightening Alumni Tech-Talk on February 26, 2022, with the captivating theme "From Sand to Silicon: A Journey of Becoming a Chip Design Engineer." The esteemed speaker, Ms. Hansa Mohanty, a proficient Digital Design & Verification Engineer at Fraunhofer IIS in Erlangen, Germany, shared her transformative journey from KIIT and delved into the realms of Very Large Scale Integration (VLSI).

Fig. 8.12: Alumni Tech Talk on "From Sand to Silicon"

8.21. KIIT School of Computer Engineering Organizes Guest Lecture on "Compiler Optimizations"

Dr. Rupesh Nasre, Associate Professor at IIT Madras, presented a lecture on "Compiler Optimizations" on March 12, 2022, through KIIT Deemed University's School of Computer Engineering. The talk delved into Compiler Optimization techniques using relevant examples. It significantly benefited graduate students, providing them an early grasp of this emerging technology in Computer Science. Dr. Pradeep Kumar Mallick, Associate Professor of the School of Computer Engineering, coordinated the event, enriching participants'

understanding of Compiler Design and Optimization. Prof. Ronali Padhi, Assistant Professor of the same school, hosted the lecture, fostering an insightful learning environment. The lecture bridged the gap between theory and application, enhancing students' knowledge in the dynamic field of Compiler Optimizations.
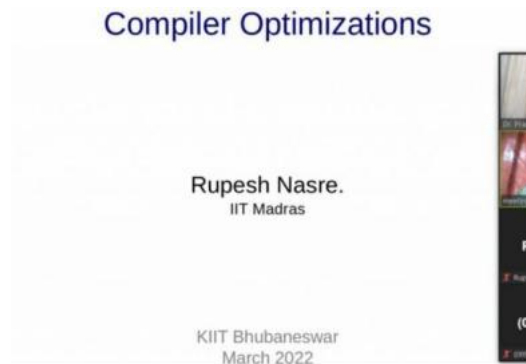

Fig. 8.13: KIIT School of Computer Engineering Organizes Guest Lecture on "Compiler Optimizations"

8.22. Asia Education Award 2022 KIIT India's Best University for Placement & Campus

KIIT Deemed to be University received the Asia Education Award for 2022 from Asia Today Research & Media in Bengaluru on March 25th. The award, presented in the category of "Best University with Excellent Placement & Campus in India," was accepted by Mrs. Sasmita Rout, Deputy Director of KIIT, on behalf of Dr. Achyuta Samanta, the Founder of KIIT & KISS. The honor was presented by Shri Thawar Chand Gehlot, Hon'ble Governor of Karnataka. KIIT's dedication to value-based education, conducive learning environment, and successful placements contributed to this recognition. The award is presented annually by Asia Today Research & Media to institutions making notable contributions to research and analysis services.

8.23. KIIT School of Computer Engineering Organizes Alumni Talk on "Sustainable Development Goals (SDGs): Transforming the IT Industry"

KIIT-DU's School of Computer Engineering conducted an Alumni Talk on March 26, 2022, featuring Mrs. Sonali Paul, a consultant at TCS and an alumna of the 1998-2002 batch. The talk titled "Sustainable Development Goals (SDGs): Transforming the IT Industry" focused on the success of SDGs in the IT sector and their relevance to IT developers. Mrs. Paul praised Prof. Achyuta Samanta, the Founder of KIIT & KISS, for his vision of achieving SDGs through green initiatives. Over 70 students, faculty, and staff of the School of Computer Engineering attended the session.

Fig. 8.14: KIIT School of Computer Engineering Organizes Alumni Talk

https://news.kiit.ac.in/schools/sot/computer/kiit-school-of-computer-engineering-organizes-alumni-talk/

8.24. Career Orientation Programs for 2024 Graduating Students of SoT

The Career Advisory & Augmentation School (CAAS) and Training & Placement Department at KIIT Deemed to be University organized School-wise Career Orientation programs for the 2020-2024 Batch students across all Schools of Technology. The primary objective was to acquaint students with various career opportunities, emphasize industry readiness, and outline the prerequisites for successful placements. The program aimed to utilize students' transitional period effectively by engaging them in Placement Preparedness Training, Internships, Platform-Based Learning, and Assessments.

Prof. Priyadarshi Biswal, Dean CAAS, highlighted campus opportunities, industry requirements, and the importance of early preparedness for placements. Prof. Suman Bhattacharya, Director of CAAS, discussed the technological shifts and digital offerings available at KIIT. Prof. Prachet Bhuyan, Dean-T&P, provided insights into projects and internships, while Prof. Abhishek Ray, Dean-IE, explained the roles of CAAS, T&P, and Industry Engagement in guiding students.
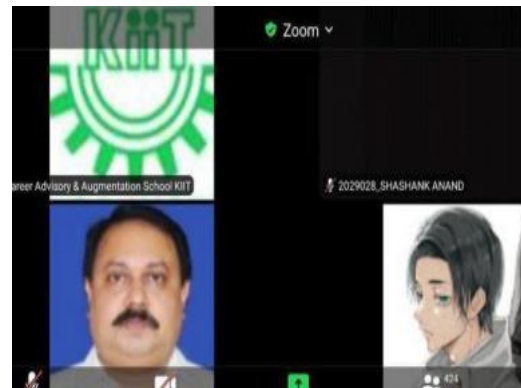

Fig. 8.15: Career Orientation Programs for 2024 Graduating Students of SoT

https://news.kiit.ac.in/schools/caas/career-orientation-programs-for-2024-graduating-students-of-sot/

8.25. KSOM Organizes RBI's Outreach Program on State Finance Report

The KIIT School of Management (KSOM) recently conducted a Knowledge Dialogue Series webinar centered around the theme of "Cross-Cultural Agility." The webinar featured Ms. Natalie Solveig Mikhaylov, an Associate Professor at Westminster International University, Tashkent, who presented her unique perspective on cultural agility. She emphasized the significance of recognizing and appreciating diverse cultural norms and values within a group to foster harmony and prevent conflicts, thus maintaining organizational coherence. Ms. Mikhaylov highlighted the importance of developing cultural competency through effective communication, trust-building, and adeptness in cross-cultural professional settings. The webinar encouraged participant engagement and concluded with a discussion on organizations exemplifying cultural adaptability. Notably, the event included interactive segments and an assessment activity aimed at gauging participants' cultural competency levels.

Fig. 8.16: RBI's Outreach Program on State Finance Report

https://news.kiit.ac.in/schools/ksom/ksom-organizes- rbis-outreach-program-on-state-finance-report/

8.26. KIIT Law School Conducts Webinar on "Foreign Direct Investment to Boost Indian Economy"

The Centre for Studies in Business and Corporate Law (KCBCL), in collaboration with the Institute of Company Secretaries of India (ICSI), organized a webinar on "Foreign Direct Investment to Boost Indian Economy" on April 23, 2022, hosted by the Department of Business Law and Corporate Governance at KIIT Law School (KLS). Mr. (CS) Prateek Kohli highlighted the underexplored field of Foreign Direct Investment (FDI) in India, despite annual transactions of approximately 60-80 billion dollars. He explained that FDI can be initiated through three primary methods: establishing an office in India, acquiring an existing Indian company, or forming joint ventures in India. Some sectors permit automatic entry, while others, like defense equipment, require approval. Mr. (CS) Jyotirmoy Mishra emphasized the collaboration between Company Secretaries (CS) and the legal profession, recognizing their complementary roles. Prof. Bhavani Prasad Panda, Director of KLS, underscored the vital role of economy, investment, and money in India's growth and encouraged more such programs for students. The session included a question-answer segment facilitated by Prof. (CS) Pratiti Nayak, with 98 participants in attendance. Bhumika Saishree Panigrahi, a Student Member of KCBCL, also addressed the audience, and Mandavi Banerjee and Peeyush Das served as Rapporteurs for the event.

Fig. 8.17: KIIT Law School Conducts Webinar on "Foreign Direct Investment to Boost Indian Economy"

https://news.kiit.ac.in/schools/law/kiit-law-school- conducts-webinar-on-foreign-direct-investment-to- boost-indian-economy/

8.27. KIIT University Hosts 20th MANLIBNET Convention Libraries of Future would be more creative, IT-friendly

The 20th Convention of MANLIBNET, a collaborative effort between KIIT Deemed-to-be-University and the Management Libraries Network, commenced at the university campus on May 5, 2022. With the theme "Libraries of the future: Emerging Trends," the three-day event was inaugurated virtually. Professor Bhushan Pattabardhan, Chairman of the National Assessment and Accreditation Council (NAAC), emphasized the necessity for libraries to embrace modern IT tools, making them forward-looking. He urged librarians to nurture creative ideas to transform libraries into attractive knowledge hubs, engaging users in enriching learning experiences.

Prof. Sasmitarani Samanta, Vice-Chancellor of KIIT DU, underscored the importance of knowledge as a fundamental need at all life stages. She urged libraries to leverage technology to entice more readers, highlighting the vital role of librarians in this endeavor. Prof. Samanta advocated for aesthetically appealing institutional libraries to encourage extended student engagement. Conference Director Prof. B Ramesh Babu stressed the need to infuse creativity into libraries to counter the waning reading habits of contemporary society. MANLIBNET General Secretary, Dr. Akhtar Parvez, called for a paradigm shift in librarians'

attitudes to innovate and attract visitors to future libraries. The convention not only celebrated innovation but also ignited a renewed commitment to transform libraries into vibrant centers of knowledge.

Fig. 8.18: 20th MANLIBNET Convention

https://news.kiit.ac.in/kiitnews/kiit-university-hosts- 20th-manlibnet-convention-libraries-of-future-would-be- more-creative-it-friendly/

8.28. KSRM Organizes Guest Talk on entrepreneurship

On August 12, 2022, KSRM hosted a compelling talk as part of their Guest Talk Series, inviting Mr. Uddalak Banerjee, the Regional Manager (HR) Head of East Zone at Dabur India Limited, to address students from MBA (ABM), MBA (RM), and PGDCD programs. In his insightful session, Mr. Banerjee delved into the contemporary landscape of HR and emphasized the value of practical wisdom gained over time. Through interactive exchanges, the discourse encompassed practical implementation, the significance of understanding individuals when shaping policies, and the requisite optimistic mindset for entrepreneurship.

Fig. 8.19: Guest Talk Series

Mr. Banerjee ingeniously likened a salesman's perspective to thriving in the marketing realm, underscoring the importance of comprehending business models and strategy evolution. Sharing his own journey marked by 15 live projects, he advised students to grasp business models through grassroots involvement in sectors like retail. The talk extended to steering career paths and making informed choices for future objectives.

https://news.kiit.ac.in/kiit-events/talk/ksrm-organizes-guest-talk-2/

8.29. KSOM Organizes 3rd National Business Analytics Konclave

KIIT School of Management (KSOM) organized the 3rd National Business Analytics Konclave on 20th August 2022. The conclave was also the first physical conclave to be held at the institute post-pandemic. Prof. Saroj Mahapatra, Director, KSOM stated that India is emerging as a stronger nation and the use of Analytics and AI based strategy will help businesses grow paving the path for a robust economy. Prof. Manoj Jena, Convenor of the Konclave set the context by presenting a brilliantly conceived AI-based video explaining the importance of AI in the sector of agriculture, sports and healthcare industry.

Fig. 8.20: 3rd National Business Analytics Konclave

https://news.kiit.ac.in/schools/ksom/ksom-organizes-3rd-national-business-analytics-konclave/

8.30. KSOM Organizes 13th National Marketing Konclave On "New Business Models In The New Normal"

The 13th National Marketing Analytics Konclave, hosted by KIIT School of Management (KSOM) on September 3rd, 2022, centered on navigating the evolving business landscape. The event aimed to equip emerging marketers with insights from the past, urging them to adapt to the emerging norms. The conclave emphasized

exploring novel horizons, forging innovative business models, and the significance of adaptability.

Prof. Sasmita Samanta, KIIT DU's Vice Chancellor, underscored effective communication to meet customer needs and foster loyalty. Lalit Agarwal, Founder & MD of V-Mart, highlighted customer-centricity as pivotal in the new normal, advocating integration to create value for stakeholders. The conclave featured two panels: 'Data-Driven Marketing and Consumer Privacy' highlighted personalized strategies for lasting relationships, while 'Digital World in Post-COVID Times' emphasized adaptability in various industries. The event's latter part comprised workshops touching on topics like Human-to-Human Marketing, Storytelling, Future Mobility, and Personalized Ads. The conclave bridged academia, industry professionals, and students, fostering connections and insights for all participants.

Fig. 21: 13th National Marketing Konclave

https://news.kiit.ac.in/schools/ksom/ksom-organizes-13th-national-marketing-konclave-on-new-business-models-in-the-new-normal/

8.31. KIIT School of Biotechnology Organizes Biotech Industry Conclave

KIIT School of Biotechnology (KSBT) organized a two-day Biotech Industry Conclave on 23rd and 24th September 2022. This 8th Annual Biotech Industry Conclave marked the first offline conclave after two years. On the first day of the conclave, the delegates deliberated on the effect of restructured policies and SOPs to ensure efficient workforce after the pandemic. Dr. Priyaranjan Pattnaik, Head, NBE Services, Aurigene Pharmaceutical Services Ltd; Dr. Babu U V, Head-R&D, Himalaya Wellness Company; Dr. Subhendu

Seal, Products Leader-Research Business, Cytiva, Pvt Ltd; and Dr. Babu Ponnusamy, Deputy GM in R&D, Intas Pharmaceuticals discussed the strategic modifications that can help the Biopharma industry achieve soaring global expectations. The session concluded with a keynote address by Mr. Amrut Medhekar, Senior VP, Zydus Cadila.

Fig. 8.22: Biotech Industry Conclave

https://news.kiit.ac.in/schools/sot/biotech/kiit-school-of-biotechnology-organizes-biotech-industry-conclave/

8.32. 18th Annual Convocation Of KIIT Knowledge Is The New Engine Of Economic Growth And Social Development: Chief Minister Of Odisha

In the 18th Annual Convocation of KIIT Deemed to be University, Bhubaneswar, held on October 1, 2022, Shri Naveen Patnaik, the Hon'ble Chief Minister of Odisha, emphasized the significance of knowledge in today's geo-economic world. He highlighted that knowledge is a crucial resource for driving economic growth and social development. economic and social domains.

Fig. 8.23: 18th Annual Convocation Of KIIT Knowledge Is The New Engine Of Economic Growth And Social Development: Chief Minister Of Odisha

During the event, he extended his best wishes to the Batch of 2022 graduates and expressed confidence in their ability to contribute to society through their ideas and innovations. Shri Naveen Patnaik's address underscored the vital role of education and knowledge in shaping the future.

https://kiit.ac.in/convocation/18th-annual-convocation-of-kiit/

8.33. DefExpo-2022: KIIT-TBI Chosen as A Partner Incubator For IDEX

KIIT Technology Business Incubator (KIIT-TBI) has proudly secured its position as one of the five esteemed incubation partners for the Innovations for Defence Excellence (iDEX) initiative, a pioneering effort by the Department of Defence Production, Government of India. This milestone announcement took place during the Manthan Program at DefExpo-2022 in Ahmedabad on October 18, 2022, with the honorable presence of key figures including Shri Rajnath Singh, India's Defence Minister, and other top officials from the defence sector.

In its role as an iDEX partner incubator, KIIT-TBI will play a pivotal role in enhancing the capabilities of startups engaged in Defence-related innovations. The agreement was formally sealed between Dr. Mrutyunjay Suar, CEO of KIIT-TBI, and iDEX, underscoring KIIT-TBI's commitment to nurturing and mentoring these startups to scale greater heights. Dr. Suar expressed enthusiasm for this significant recognition, emphasizing the opportunity to contribute to India's Defence innovation ecosystem.

Fig. 8.24: DefExpo-2022

https://news.kiit.ac.in/tbi/defexpo-2022-kiit-tbi-chosen-as-a-partner-incubator-for-idex/

8.34. KSOM Organizes 13th National Finance Conclave On "Financial Ecosystem and Sustainability: Emerging Trends"

KIIT School of Management (KSOM) hosted its 13th National Finance Conclave on November 12, 2022, with a central theme focused on the significance of financial sustainability in the corporate world. Dr. Sasmita Samanta, Vice Chancellor of KIIT DU, highlighted the shift in corporate agendas towards holistic societal gains, emphasizing KIIT's commitment to financial sustainability.

The conclave featured two enlightening panel discussions. The first explored the Financial Sector Outlook, emphasizing the importance of ESG (Environmental, Social, and Governance) factors in today's business landscape. The panel emphasized the need for ethical profits aligned with environmental goals. The second panel discussed Sustainable Development, highlighting its relevance for MBA graduates and the challenges and opportunities in the green energy sector. The conclave also offered interactive workshops on diverse financial topics, fostering connections between industry professionals, academia, and students. This event served as a valuable platform for insightful discussions and learning in the finance domain.

Fig. 8.25: 13th National Finance Conclave

https://news.kiit.ac.in/kiitnews/ksom-organizes-13th-national-finance-conclave-on-financial-ecosystem-and-sustainability-emerging-trends/

8.35. KIIT Law School Conducts Seminar On 'Stock Market And Investment'

The Centre for Studies in Business and Corporate Law (KCBCL), part of the Department of Business Law and Corporate Governance at

KIIT Law School, organized a Seminar on 'Stock Market and Investment' on November 22, 2022. The event featured Mr. Krishna Rath, a SEBI Registered Investment Adviser with credentials from IIM (Indore) and an Associate Fellow LOMA (USA). The seminar began with an introduction of the speaker by Ms. Aporva Sekhar, Student Coordinator of KCBCL. Prof. (Dr.) Bhavani Prasad Panda, Director of KLS and Chairperson of KCBCL, welcomed the attendees. Mr. Krishna Rath, the speaker, emphasized the importance of understanding businesses before investing, quoting Warren Buffet's advice. He discussed the significance of evaluating companies' parameters before entering the stock market. The seminar also covered topics such as Initial Public Offering (IPO) and Offer for Sale (OFS) as methods for raising finance. Mr. Rath touched on Financial Institutional Investors and further delved into mutual funds, Exchange Traded Funds (ETFs), Equity-Linked Savings Schemes (ELSS), and derivatives, stressing their significance in investment. In summary, the seminar provided valuable insights into stock market investments, guiding attendees on the importance of research and informed decision-making in financial markets.

Fig. 8.26: KIIT Law School Conducts Seminar On 'Stock Market And Investment'

https://news.kiit.ac.in/schools/law/kiit-law-school-conducts-seminar-on-stock-market-and-investment/

8.36. Academic Career Opportunity Interaction By Maitri Global Education At KIIT

An Academic Career Opportunity Interaction session was conducted by Maitri Global Education, a leading global education consultancy based out of Florence, Italy, with students and staff of the Schools of Fashion

Technology, Film & Media Sciences, and Mass Communication, KIIT-DU on 24th November 2022. Speaking at the session, Mr. Devraj Pradhan, Former Diplomat and DG, International Relations, KIIT traced the influence of fashion and trends since the olden days. He talked about the scope and opportunity KIIT is providing the students for a better career and future. Prof. Bauri Raula, Course Coordinator, School of Fashion Technology enlightened students on the importance of portfolio development, fashion marketing and branding. He suggested students seek career options in collaboration with Maitri Global Education.

Mr. Abraham Chorikpara Mani and Mr. George Syriac, Co-Founders, Maitri Global Education introduced the organization. It was registered in 2009 to promote the exchange between cultures, specifically focusing on international education, they said, informing that its core purpose is to be a bridge between cultures, extending high-quality education and services reachable to every aspiring student, they added. MGE is dedicated to finding institutions where talented students are given the opportunity to be trained under experts, making the international experience a reality, they added.

Fig. 8.27: Academic Career Opportunity Interaction By Maitri Global Education At KIIT

https://news.kiit.ac.in/kiit-school-of-fashion-technology/academic-career-opportunity-interaction-by-maitri-global-education-at-kiit/

8.37. KIIT-TBI Start-Up Innovation Conclave

The Start-up Innovation Conclave 1.0, organized by KIIT-TBI, brought together influential figures from the startup ecosystem, including successful entrepreneurs, government officials, and academic leaders, to

emphasize the importance of nurturing a vibrant ecosystem for budding entrepreneurs in the Eastern and North-eastern regions of India. Gautam Kumar, co-founder and COO of FarEye and an alumnus of KIIT Deemed-to-be-University, shared his insights as a poster boy of the Indian startup industry. He stressed the significance of developing ideas and businesses that can positively impact all sections of society. Gautam Kumar expressed his gratitude to Dr. Achyuta Samanta, the Founder of KIIT and KISS, for providing financial support to his idea and venture, which has grown to become a unicorn in the startup landscape. This gathering underscored the potential for fostering innovation and entrepreneurship in the eastern and northeastern parts of India, highlighting the role of educational institutions like KIIT in supporting and nurturing emerging talents in the startup sector.

Fig. 8.28: Take Up Challenges, Look For Opportunities To Become Successful Entrepreneurs; Experts At KIIT-TBI Start-Up Innovation Conclave

https://news.kiit.ac.in/tbi/take-up-challenges-look-for-opportunities-to-become-successful-entrepreneurs-experts-at-kiit-tbi-start-up-innovation-conclave/

8.38. KIIT Signs MoU with NBCC; Skill-Based Training for KIIT-KISS Students

KIIT Deemed-to-be-University has solidified a significant partnership with the National Building Constructions Corporation (NBCC) aimed at equipping students from both KIIT and KISS with industry-relevant skills. The Memorandum of Understanding (MoU) signing ceremony was graced by the presence of Dr. Achyuta Samanta, the Founder of KIIT-KISS, and NBCC's GM HR, Debasis Satapathy.

Under the terms of the MoU, KIIT and KISS students, particularly those from marginalized backgrounds such as SC/ST and economically disadvantaged sections, will receive skill development and industry-focused internship training. Dr. Samanta also urged NBCC to consider establishing a research facility on the KIIT campus, emphasizing KIIT's remarkable growth and its high national and international rankings. NBCC's GM hailed KIIT's global recognition and highlighted the opportunity for students from both institutions to gain exposure by visiting NBCC project sites beyond the state.

In a separate agreement, NBCC signed an MoU with the Kandhamal district administration to contribute to the construction and renovation of Community Health Centers (CHCs) as part of various social welfare initiatives. Dr. Samanta, also an MP representing Kandhamal in the Lok Sabha, commended the district's outstanding progress across socio-economic parameters, ranking 9th among all aspirational districts in India. The MoU for the district was signed by Kandhamal CDMO Dr. Manoj Kumar Upadhyaya. This collaboration signifies a significant step towards empowering students and promoting community welfare.

Fig. 8.29: MoU with NBCC

https://news.kiit.ac.in/kiit-events/mun/kiit-signs-mou-with-nbcc-skill-based-training-for-kiit-kiss-students/

The more details can be found in following links

Link for KIIT Event:
https://news.kiit.ac.in/

Link for KIIT TBI:
https://kiitincubator.in/

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

KIIT University has been fostering a culture of technical and social innovation since its inception. This has led to the development of an ecosystem within the University oriented towards addressing SDG 9. Various initiatives and activities undertaken by the University are outline below:

9.1. KIIT-Technology Business Incubator (KIIT-TBI)

KIIT-Technology Business Incubator (KIIT-TBI), an initiative of KIIT supported by Department of Science & Technology (DST), Govt. of India, offers incubation facilities and enables the incubatees to work in a secure, innovative and entrepreneurial environment as they progress through various stages of entrepreneurial development. KIIT-TBI is networked with all TBIs in the country through various networks like ISBA through which it is further networked with AABI (Asia Pacific), European UKBI and US NBIA. It is also a member of Asia Pacific Incubator Network (APIN). The current focus of the Incubator is in the area of Pharma-biotech, Bioinformatics, Exploitive Micro-biology, Agri-tech & Information technology, robotics and other Electronics and Engineering based technology – with a mandate to make the technology available to the civil society and the marginalised sections in the shortest time.

KIIT-Technology Business Incubator (KIIT-TBI) is recognised as a Centre for Augmenting War with COVID-19 Health Crisis (CAWACH) under Department of Science and Technology (DST), Government of India, along with similar institutes from IITs & other eminent Universities in India in 2020. KIIT-TBI is responsible for implementing this program in East and North East India.

KIIT- Technology Business Incubator (KIIT-TBI) cell provided an appropriate platform and environment with a world-class infrastructure of around 120,000 sq. ft. that offered a range of incubation facilities and services to the prospective entrepreneurs to convert their innovative ideas into commercially viable products and till date, it has already incubated and mentored 250+ ventures, 300+ technologies and 4500+ job creations. Also **Appendix-IV** presents the details of KIIT-TBI. https://kiitincubator.in/

Fig. 9.1: KIIT-TBI

9.2. Industry Engagement Cell

Industry Engagement cell liaisoned with the industrial and corporate sectors for requisite collaborations. These associations resulted in various developments in our organization in terms of innovation and cutting edge research.

9.3. Central Advanced Research Centre

Central Advanced Research Centre has been established in 1.5 lakh sq. ft. built up area with sophisticated equipment for advanced research.

9.4. Innovation and Entrepreneurship Cell

KIIT has set up Innovation and Entrepreneurship Cell to provide technical knowledge and facilities for starting technology driven enterprises as well as doing research for producing cost-effective techniques. It fosters entrepreneurship among students and assists budding entrepreneurs by providing them with necessary resources.

9.5. Centre for Industry Institutional Interface

Centre for Industry Institutional Interface has been set up to devise strategies for the promotion of synergistic interface with industry. It also sensitizes the academia towards needs of the industry, besides organizing events involving the industry.

Entrepreneurship Cell functioning in the campus has been helpful in fostering entrepreneurship culture amongst the students and establishing necessary support systems for aspiring entrepreneurs. The students are being connected to mentors, funds and the platform to bring their ideas into existence is being provided.

9.6. CIR and R&D Cell

CIR and R&D Cell has been established to achieve the strategic goals of KIIT and to promote identity of the University as a modern, dynamic, research-intensive institution as well as to enhance the University's activity and profile in graduate studies and research. The Cell has been instrumental to organize international and national conferences where agglomeration of laureates from worldwide have delivered vital and essential information. The Cell has earned fund sanction from Government and industries towards research. It also coordinates the activities associated with 'Intellectual Property Rights' (IPR) with an objective to generate revenue from the use (protect / sell) of intellectual property generated on campus by research projects & consultancy.

9.7. Centre of Excellence

KSOM has partnered with IBM to avail training activities and provide software and support for it's students and faculties through IBM-KSOM Centre of Excellence. The centre conducts faculty and student development programs, free of cost. Participants who complete the program successfully are deemed 'Subject Matter Experts' in the respective area. COE-SAP, which functions in School of Management in alliance with SAP UA, provides SAP education to MBA students so as to make them perfect IT enabled business graduates to work not only in SAP client organizations, but also all other promising business environments meaningfully. Centre of Excellence on Internet of Things (IoT) functions under School of Computer Engineering has brought together a dedicated team of students under the guidance of encouraging faculty members, who are working hard to find IoT equipped solutions to the day-to-day problems.

Several Centers of Excellence have been established in the University with technical or knowledge support from various industrial/corporate sectors as well as research organizations like National Instruments, SAP, IBM corporation, Texas Instruments, Siemens, Bosch, Schneider Electric, Mercedez Benz, Tech Mahindra, Berufsgnossenschft-Der Bauwirtschaft, Germany, Intel, Boeing India, Department of Science and Technology, Indian Space Research Organization, Ministry of Micro, Small and Medium Enterprises, Biotechnology Industry Research Assistance Council. Details are given in **Appendix-V**. All these centers were involved in research revolving around various SDGs and product innovations.
https://kiit.ac.in/centres-of-excellence/

9.8. Papers and Patent Published Regarding

Research papers have been published during the year reflecting the research outputs and innovations by the University's students and faculty members.

A number of products have been patented and the details are given in **Appendix VII.** 380+ patents have been published/granted during 2022.

9.9 Research and Consultancies involving Resilient Infrastructure

The University is involved in various research and consultancies. The details on research

projects and consultancies are given in **Appendix VIII.**

9.10. Sports Infrastructure at KIIT

Realising that Academics and sports complement each other, from the inception of KIIT we have been giving top priority to sports. As a result, huge sports infrastructure for 32 sports events has been created, including international standard Swimming Pool, Archery Ground, Rugby Ground, Football Ground, Hockey Ground, BCCI approved Cricket Ground and all others. It has been proved successfully by conducting the first-ever Khelo India University Games entirely at KIIT campus very successfully.

Fig. 9.2: Sport facility at KIIT

https://kiit.ac.in/campuslife/sports/

9.11. Manipur Govt. Inks Agreement with KIIT to Set up Technology Innovation Hub

The Department of Information Technology (DIT), Govt. of Manipur, signed an agreement with KIIT-Technology Business Incubator (KIIT-TBI), KIIT Deemed to be University on January 5, 2022. The agreement aims to establish the Manipur Technology Innovation Hub (MTI-Hub) to promote entrepreneurship in Manipur. The agreement was executed by Shri Nambam Deben, Director (IT), Govt. of Manipur, and Dr. Mrutyunjay Suar, CEO of KIIT-TBI. Under the agreement, the Govt. of Manipur will provide a furnished 10,000 sq.ft. built-up space along with a portion of the operational costs. Both DIT, Govt. of Manipur, and KIIT-TBI plan to collaborate with other Government of India funding agencies such as DST, MeiTY, MSME, and BIRAC-DBT to strengthen the ecosystem development.

Fig. 9.3: Manipur Govt. Inks Agreement with KIIT to Set up Technology Innovation Hub

https://news.kiit.ac.in/mou/manipur-govt-inks-agreement-with-kiit-to-set-up-technology-innovation-hub/

9.12. Tech Talk on " IoT and Industry 4.0" at School of Electronics Engineering

School of Electronics Engineering, KIIT-DU, in association with TechBairn, has initiated a Tech Talk series on the different ideas and innovations that lay the foundation of today's industry to be hosted by professionals in their fields and the industry, as well as KIIT alumni. The first talk of the series was held on 16th January 2022 on the topic- "IoT and Industry 4.0". The speaker was Mr. Siddharth Bhatter, founder & CEO Karkhana Makerspace, CTO, Pkare innovations Pvt Ltd, and an experienced Tedx Speaker. Mr. Bhatter focused on the domains of embedded systems, IoT, and its different applications. He also discussed the importance of doing projects and the upliftment of the semiconductor industry.
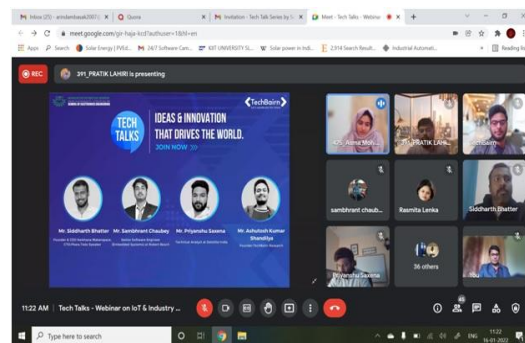

Fig. 9.4: Tech Talk on " IoT and Industry 4.0" at School of Electronics Engineering

Techbairn, is one of the fastest-growing professional platforms in the country and has been awarded the best start-up of the country for the year 2021 by the Indian Achievers Award. It is the most promising start-up at Bhubaneswar by Start-up Talky and is going to

open its chapter in KIIT. The program will include regular sessions, tech talks, webinars, live projects, internships, and much more. The 2nd session will be held on 23rd January 2022, on the topic- "Future in industry-based embedded electronics", by Mr. Sambhrant Chaubey, a senior embedded software developer at Robert Bosch.

https://news.kiit.ac.in/kiit-events/talk/tech-talk-on-iot-and-industry-4-0-at-school-of-electronics-engineering/

9.13. KIIT School of Computer Engineering Organizes Lecture on "Digitizing Physical Intelligence"

Dr. Srinath Sridhar, Assistant Professor of Computer Science at Brown University, USA, delivered a lecture titled "Digitizing Physical Intelligence" on January 22, 2022. The lecture was organized by the School of Computer Engineering at KIIT Deemed to be University. The lecture was aimed at benefiting graduate and master's students, research scholars, and faculty members, providing them with fundamental knowledge about AI for Logical Reasoning and AI for Physical Motion. Dr. Sridhar also discussed various technologies related to Human Physical Intelligence and how they are applied in real-world situations. The session was interactive, encouraging participation from the speaker, students, and the host.
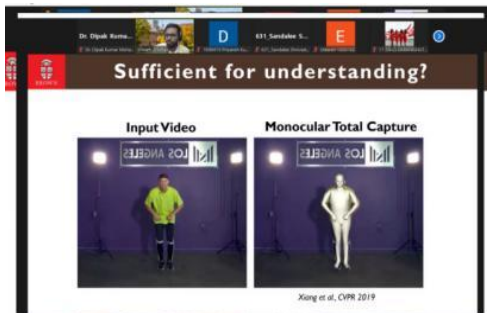
Fig. 9.5: KIIT School of Computer Engineering Organizes Lecture on "Digitizing Physical Intelligence"

https://news.kiit.ac.in/schools/sot/computer/kiit-school-of-computer-engineering-organizes-lecture-on-digitizing-physical-intelligence/

9.14. ICDCIT 2022 Inaugurated at KIIT

The 18th International Conference on Distributed Computing and Intelligent Technology (ICDCIT) 2022 commenced at KIIT Deemed University on January 20th. Hosted by KIIT, the conference has facilitated global exchange of ideas in distributed computing and intelligent technology for 18 years. The event began on January 19th, with the official inauguration taking place on January 20th. The virtual inauguration encompassed the 18th ICDCIT proceedings and its satellite events: the 12th Industry Symposium, offering undergraduates a platform to showcase research; the 1st Ph.D. Research Symposium, providing Ph.D. students an opportunity to present their research articles; and the 11th Project Innovation Contest (PIC), offering students a stage to present inventive projects addressing societal issues. The ceremony concluded with Dr. Subhasis Dash, Organizing Chair of ICDCIT-2022, delivering the vote of thanks.

Fig. 9.6: ICDCIT 2022 Inaugurated at KIIT
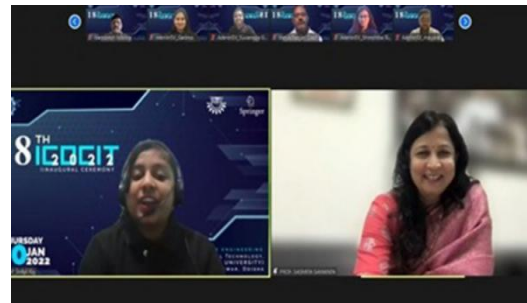
https://news.kiit.ac.in/kiitnews/icdcit-2022-inaugurated-at-kiit/

9.15. Alumni Tech Talk on Future in Industry-based Embedded Electronics

In collaboration with Tech Bairn, the School of Electronics Engineering at KIIT Deemed to be University organized its 2nd Tech Talk on January 23, 2022, centered around the theme "Future in Industry-based Embedded Electronics." The talk featured Mr. Sambhrant Chaubey, a seasoned embedded software developer at Robert Bosch, as the keynote speaker.During the engaging session, Mr. Chaubey delved into the realm of embedded systems, shedding light on their significance within industries, and elaborated on recent trends in electronics sector placements. He captivated the audience by presenting various microcontroller-based projects, underscoring the practical applications of embedded electronics. The talk was characterized by its interactive and enlightening nature.

Notably, Tech Bairn, recognized as the best start-up of the year 2021 by the Indian Achievers Award, announced its upcoming chapter in KIIT. This professional platform fosters collaboration among like-minded enthusiasts, offering a space for collaborative exploration and skill enhancement. The platform's offerings, encompassing webinars, live projects, internships, and more, are categorized into domains such as Embedded Systems, IoT, Web Development, Machine Learning, Content Writing, and Design. This initiative stands as a testament to KIIT's commitment to providing holistic education and exposure, aligning students with industry trends and opportunities, while also promoting a collaborative spirit among aspiring technologists.
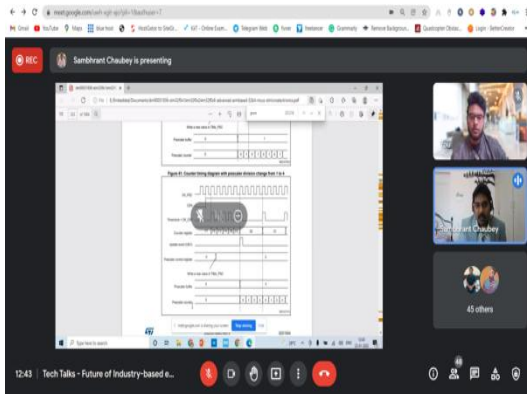

Fig. 9.7: Alumni Tech Talk

https://news.kiit.ac.in/schools/sot/electronics/alumni-tech-talk-on-future-in-industry-based-embedded-electronics/

9.16. Career Advisory & Augmentation School Organizes Session on Industry 4.0 Technologies & Applications

KIIT Deemed University's Career Advisory & Augmentation School (CAAS) organized a webinar titled "Use-Cases on Industry 4.0 Technologies & Applications for K200 @ 2023 Graduating Students." The session aimed to inform students about the latest technologies and their applications, enhancing their career prospects. Prof. Sudhanshu Dalai, responsible for the K200 Group, highlighted the importance of unique project ideas for placement in top companies. Dr. Suman Bhattacharya, CAAS Director, discussed technology roles like Data Scientist, IoT Solution Architect, Full Stack Engineers, and more, emphasizing the required skills. Use cases related to these technologies were explored, aiding students in selecting impactful projects for their resumes. Prof. Priyadarshi Biswal, CAAS Dean, covered aspects of Intellectual Property Rights (IPR) filing, stressing the need to patent innovative projects. Ms. Jigyansa Dash, Management Trainee, coordinated the event, which aimed to equip students with relevant technological knowledge and career insights.
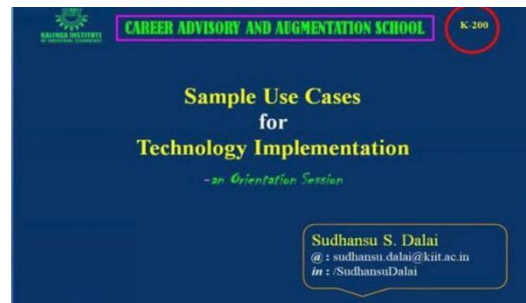
Fig. 9.8: Career Advisory & Augmentation School Organizes Session on Industry 4.0 Technologies & Applications

https://news.kiit.ac.in/schools/school-of-commerce-economics/career-advisory-augmentation-school-organizes-session-on-industry-4-0-technologies-applications/

9.17. KIIT School of Mechanical Engineering Organizes International Conference on Thermofluids and Manufacturing Science - 2022

The International Conference on Thermofluids and Manufacturing Science 2022 was hosted by KIIT Deemed University's School of Mechanical Engineering from January 24th to 25th, 2022. Distinguished keynote and invited speakers participated from around the world in virtual sessions via Zoom. Prof. (Dr.) Saranjit Singh, Pro Vice Chancellor of KIIT and Co-Patron of the Conference, introduced KIIT's research facilities and achievements, emphasizing collaboration opportunities. Dr. B. C. Routara, Dean of the School of Mechanical Engineering, outlined the conference's objectives, while Dr. Gyan Sagar Sinha, Convener, explained its impact. Dr. M. V. Reddy from Nouveau Monde Graphite-NMG, Canada, discussed Lithium ion battery technology's technical and environmental aspects. Dr. Amaresh Kumar from NIT Jamshedpur explored disruptive technology's influence on education and manufacturing. Dr. Kaushik Kumar from BIT Mesra talked about virtual manufacturing

and its post-Covid-19 applications. Speakers praised the event's organization and expressed admiration for Kalinga Institute of Social Sciences (KISS). They acknowledged Prof. Achyuta Samanta, KIIT & KISS Founder, for his initiatives and expressed intentions to visit the institute. The conference bridged global expertise and KIIT's achievements.

Fig. 9.9: KIIT School of Mechanical Engineering Organizes International Conference on Thermofluids and Manufacturing Science - 2022

https://kiit.ac.in/event/international-conference-on-thermofluids-and-manufacturing-science-2022/

9.18. Webinar on "Recent Trends in Antenna Technology for Satellite Communication" at KIIT School of Electronics Engineering

The RF Microwave Research Group and IEEE Antenna Propagation Society KIIT Students' Branch jointly organized a webinar on "Recent Trends in Antenna Technology for Satellite Communication" on January 29, 2022. Dr. Milind Mahajan from ISRO discussed various satellite communication antenna technologies, including contour and shaped beam antennas, 3D printing, unfurlable antennas, and more.

Fig. 9.10: Webinar on "Recent Trends in Antenna Technology for Satellite Communication"

Dr. Sudhakar Sahu introduced the speaker. Dr. Mahajan encouraged students to intern at ISRO and use their facilities for research. He also urged faculty and students to submit proposals to ISRO HQ for funding. Around 60 participants attended from KIIT and other institutes. The event was coordinated by Dr. Sudhakar Sahu and supported by KIIT's leadership.

https://news.kiit.ac.in/schools/sot/electronics/webinar-on-recent-trends-in-antenna-technology-for-satellite-communication-at-kiit-school-of-electronics-engineering/

9.19. 18th International Conference on Distributed Computing and Intelligent Technology 2022 at KIIT

The 18th International Conference on Distributed Computing and Intelligent Technology 2022 took place virtually from January 19 to 23, 2022, hosted by the School of Computer Engineering, KIIT-DU. ICDCIT has been a global platform for Computer Science researchers since 2004, focused on Distributed Computing and Internet Technology. Prof. Achyuta Samanta, Founder of KIIT & KISS, initiated and supervised the conference. This edition included "Intelligent Technology" due to the growing impact of AI across various fields. The event was inaugurated by Prof. Sasmita Samanta, Vice-Chancellor of KIIT-DU, with keynotes by experts like Prof. Hagit Attiya, Prof. Philippas Tsigas, and Prof. Roger Wattenhofer in the Distributed Computing track. In the Intelligent Technology track, Prof. Matthew E. Taylor, Prof. Michael Cashmore, and Prof. U. Deva Priyakumar delivered keynotes. The conference aimed to foster the exchange of research ideas and findings in these fields.

Fig. 9.11: 18th International Conference on Distributed Computing and Intelligent Technology 2022

https://ic3s.kiit.ac.in/18th-icdcit-2022/

9.20. KIIT-DU Inks MoU with NCCBM

On February 1, 2022, KIIT Deemed to be University (KIIT-DU) established a significant Memorandum of Understanding (MoU) with the National Council for Cement and Building Materials (NCCBM). The primary aim of this MoU is to foster collaboration and enhance long-term partnership in Research & Development between KIIT-DU and NCCBM. The agreement was formally signed by Prof. Sasmita Samanta, Vice-Chancellor of KIIT-DU, and Dr. Bibekananda Mohapatra, Director General of NCCBM, witnessed by key personnel including Pro-VC, Registrar, and Deans from KIIT-DU. Prof. Samanta highlighted the mutual benefits of this collaboration in academic and research ventures, spanning diverse areas of expertise. Dr. Mohapatra emphasized the potential for joint R&D initiatives focused on industrial waste management and the creation of industry-relevant academic programs.

Fig. 9.12: MoU with NCCBM

https://news.kiit.ac.in/mou/kiit-du-inks-mou-with-nccbm/

9.21. E Labs Society of KIIT School of Electronics Engineering conducts Webinar on "Big Data Engineering on Cloud Platforms"

'E Labs', the peer learning society of KIIT School of Electronics Engineering, organized a webinar on "Big Data Engineering on Cloud Platforms" on February 6, 2022. The session, led by Mr. Dipankan Bandopadhyay, a fourth-year student from Electronics and Telecommunication Engineering, explored the challenges organizations face with the ever-growing data volume and variety. Mr. Bandopadhyay, a data engineering intern at AP Moller - Maersk Group, discussed processing frameworks like Spark, data pipelines, types of data workloads, and analytical tools. The webinar attracted participation from various KIIT Deemed University schools, receiving positive feedback. E Labs Society thanked Dr. N. K. Rout, Professor & Director (SRC), for his support and Mr. Dipankan Bandopadhyay for organizing the insightful session.
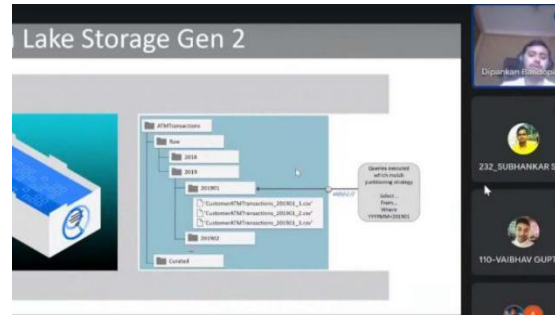
Fig. 9.13: Webinar on "Big Data Engineering on Cloud Platforms"

https://news.kiit.ac.in/schools/sot/electronics/e-labs-society-of-kiit-school-of-electronics-engineering-conducts-webinar-on-big-data-engineering-on-cloud-platforms/

9.22. SOEE Organizes 1st International Springer Conference on Smart Technologies for Power & Green Energy

KIIT Deemed to be University's School of Electrical Engineering (SOEE) organized the 1st International Springer Conference on Smart Technologies for Power and Green Energy (STPGE-2022) virtually from February 12th to 13th, 2022.

Fig. 9.14: 1st International Springer Conference on Smart Technologies for Power & Green Energy

The conference was inaugurated by Prof. Adam Burakowski, H.E. Ambassador of Poland to India, along with esteemed speakers including Prof. Josep M. Guerrero, Prof. Akshay Kumar Rathore, Prof. Bijay Ketan Panigrahi, Prof. Vinod Khadkikar, and Prof. J. R. Mohanty. The event featured six keynote sessions and eight

technical sessions, with talks by experts such as Ms. Michalina Seliga and Prof. Anup Kumar Panda. A total of 37 papers were presented across various tracks, chaired by experts from renowned institutes.

https://kiit.ac.in/event/1st-international-conference-on-smart-technology-for-power-and-green-energy-stpge-2022/

9.23. 1st National Construction Management Konclave at KIIT

On February 19, 2022, KIIT School of Management (KSOM) in collaboration with the School of Civil Engineering orchestrated the inauguration of National Construction Management Konclave on the theme "Emerging Management Trends in Construction Industry." This event served as a platform to explore the evolving landscape of construction management and its pivotal role in global economic progress.

Fig.9.15: 1st National Construction Management Conclave

Mr. Ganesh Jirkuntwar, Sr. Executive Director of Dalmia Bharat Group, emphasized the industry's pursuit of resilience, sustainable practices, and investment attractiveness. He noted the success of his company in achieving a significantly reduced carbon footprint through environmentally friendly approaches, automation, and digitization. The event encompassed four panel discussions, engaging over 20 industry experts and academicians. Topics included Digitization of the Construction Industry and Lean Construction for Industry 4.0, fostering dynamic discussions on relevant themes. The conclave not only facilitated knowledge exchange but also offered students a unique chance to interact with prominent business figures and policymakers from across the nation. This digital gathering bridged the gap between industry professionals, academia,

and students, fostering holistic learning and industry-academic collaboration.

https://ksom.ac.in/kiit-organized-its-1st-national-construction-management-konclave-on-the-theme-emerging-management-trends-in-construction-industry/

9.24. School of Computer Engineering Organizes Alumni Talk

The School of Computer Engineering hosted an Alumni Talk on February 26, 2022, featuring Mr. Anindiya Anshuman, Director of Optimum Global Solution and an alumnus of the School (1998-2002 Batch). His talk, "DevOps – A Must Have Path To Deliver Faster Business Values," highlighted the significance of DevOps in the IT industry's evolution, enabling faster customer-centric solutions. He acknowledged the influence of Prof. Achyuta Samanta, Founder of KIIT & KISS, in shaping his success. Mr. Prasant Upadhaya, a 2nd-year B.Tech student, managed the session, which was coordinated by Dr. Satarupa Mohanty, Dr. Namita Panda, and Prof. Sital Dash. The event drew more than 50 attendees, including students, faculty, and staff from the School of Computer Engineering.
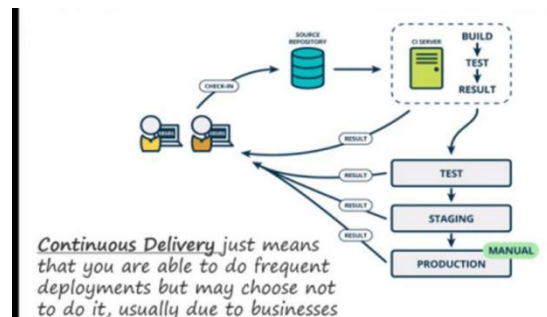
Fig. 9.16: School of Computer Engineering Organizes Alumni Talk

https://news.kiit.ac.in/schools/sot/computer/school-of-computer-engineering-organizes-alumni-talk/

9.25. National Science Day Celebrated at KIIT

The National Science Day was observed at KIIT Deemed to be University on February 28, 2022. Dr. Saroj Kumar Swain, Director of CIFA, delivered a talk on the theme "Integrated Approach in Science and Technology for a Sustainable Future." Highlighting the significance of the day, Dr. Swain aimed to foster students' interest in science and raise

public awareness. He emphasized the remarkable scientific contributions of farming communities and India's progress in science, transforming food production from scarcity to surplus. Stressing the need for an integrated approach, he advocated merging science and technology with other disciplines to drive sustainable development. Prof. Sasmita Samanta, Vice Chancellor of KIIT, noted that innovative solutions emerge when various fields converge with engineering. Prof. Jnyana Ranjan Mohanty, Registrar, initiated the event, and Prof. Prasanta Kumar Rath, Dean of KIIT School of Applied Sciences, delivered the vote of thanks. This event underscored the role of interdisciplinary collaboration in advancing science, technology, and sustainable practices.

Fig. 9.17: National Science Day Celebrated at KIIT

https://news.kiit.ac.in/kiitnews/national-science-day-celebrated-at-kiit/

9.26. 18th International Conference on Distributed Computing and Intelligent Technology 2022 at KIIT

The 18th International Conference on Distributed Computing and Intelligent Technology 2022 took place virtually from January 19 to 23, 2022, hosted by the School of Computer Engineering, KIIT-DU. ICDCIT has been a global platform for Computer Science researchers since 2004, focused on Distributed Computing and Internet Technology. Prof. Achyuta Samanta, Founder of KIIT & KISS, initiated and supervised the conference. This edition included "Intelligent Technology" due to the growing impact of AI across various fields. The event was inaugurated by Prof. Sasmita Samanta, Vice-Chancellor of KIIT-DU, with keynotes by experts like Prof. Hagit Attiya, Prof. Philippas Tsigas, and Prof. Roger Wattenhofer in the Distributed Computing track. In the Intelligent Technology track, Prof. Matthew E.

Taylor, Prof. Michael Cashmore, and Prof. U. Deva Priyakumar delivered keynotes. The conference aimed to foster the exchange of research ideas and findings in these fields.

Fig. 9.18: 18th International Conference on Distributed Computing and Intelligent Technology 2022

https://ic3s.kiit.ac.in/18th-icdcit-2022/

9.27. KSOM's Knowledge Dialogue Series Webinar on 'Blockchain Surge: For Beginner's Insight'

KSOM conducted a webinar on "Blockchain Surge: For Beginner's Insight" on January 29, 2022, as part of its Knowledge Dialogue Series. The talk, delivered by Mr. Hitesh Bhatia, Quantitative Trader at Falcon X, covered blockchain basics and its diverse applications. Mr. Bhatia discussed blockchain's history, differentiating it from Bitcoin's usage. He detailed the Bitcoin ecosystem, highlighted challenges like energy consumption and scalability, and addressed crypto trading and regulations. The session included an interactive Q&A and was moderated by Sparsha Ranjan, an MBA 1 student.

Fig. 9.19: Knowledge Dialogue Series Webinar on 'Blockchain Surge: For Beginner's Insight'

https://ksom.ac.in/ksom-organized-a-webinar-as-part-of-ksoms-knowledge-dialogue-series-

on-the-topic-blockchain-surge-for-beginners-insight-and-was-held-on-saturday-29th-january-2022/

9.28. KINS Organizes Journal Club Presentation

Kalinga Institute of Nursing Sciences (KINS), part of KIIT Deemed University, organized a Journal Club Presentation (JCP) on March 12, 2022. M.Sc. Nursing 2nd year students delivered presentations on various research papers. Ms. Sikha Sonali Ekka discussed the association between cardiovascular nursing care, blood pressure, and length of stay in infants with CAD in Wuhan, China. Mr. Pritam Ranjan Nag presented the effectiveness of a multi-layer silicon-adhesive polyurethane foam dressing in preventing sacral pressure ulcers in at-risk in-patients. Ms. Snigdha Maity talked about the impact of oral care using Miswak vs. Chlorhexidine on the incidence of Ventilator-Associated Pneumonia. Ms. Rohini Baliji shared findings on the effectiveness of assertive training and SBAR techniques for nursing students during clinical training. The critique session included key faculty members, led by Professor Dr. Niyati Das, Principal, KINS. The event aimed to enhance research awareness and foster academic exchange among the faculty and postgraduate nursing students.
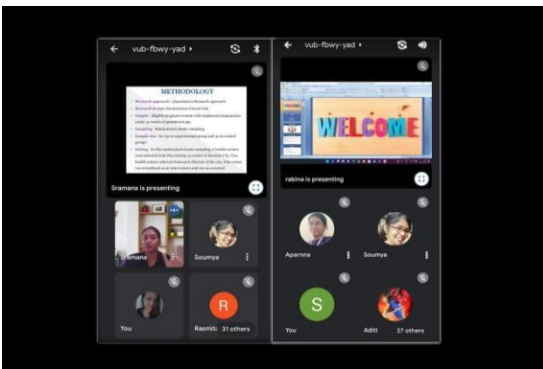

Fig. 9.20: KINS Organizes Journal Club Presentation

https://news.kiit.ac.in/schools/school-of-nursing-sciences/kins-organizes-journal-club-presentation-2/

9.29. KSOM Conducts International Conference on Management Research

On February 26, 2022, the second International Conference on Management Research (ICMR-2022) centered around the theme "Chaos, Complexity, and Resilience: Business and Society in Pandemic Context." was hosted by KIIT School of Management (KSOM), KIIT-DU. The event featured 5 parallel sessions led by 17 experts, with 125 abstracts submitted by researchers from 3 countries in a virtual format.

Fig. 9.21: International Conference on Management Research

https://ksom.ac.in/ksom-conducts-second-international-conference-on-management-research-icmr-2022-on-the-theme-chaos-complexity-and-resilience-business-and-society-in-pandemic-context/

9.30. Alumni Talk Series at KIIT School of Computer Engineering

The KIIT School of Computer Engineering arranged a series of alumni talks spanning January 28 to February 5, 2022. Notable alumni speakers included Mr. Amit Jha (1998-2002 Batch), Mr. Swastik Tripathy (1998-2002 Batch), Mr. Priyaranjan Panda (2010-2014 Batch), Ms. Shivani Mishra (2016-2020 Batch), Mr. Kaustubh Dutta (2012-2016 Batch), and Mr. Nabendu Mishra (1998-2002 Batch). Mr. Amit Jha's presentation introduced Raspberry Pi, a cost-effective computer designed by the Raspberry Pi Foundation to engage students in computing activities. He showcased Raspberry Pi projects and its application in hardware-sensor interactions, like robotics, websites, and data collection. Swastik Tripathy highlighted cloud computing's significance, discussing models, services, and its adoption by major corporations. Talks on January 29 covered studying abroad, featuring Mr. Priyaranjan Panda's journey from placements to Northeastern University, Ms. Shivani Mishra's insights on studying Big Data at the University of Liverpool, and Mr. Kaustubh Dutta's experience as an Application Developer at Nokia LLC in Canada. The alumni talks provided

valuable perspectives on diverse tech-related topics, enriching students' understanding and aspirations.

Fig.9.22: Alumni Talk Series at KIIT School of Computer Engineering

9.31. Tech-Expo Organized by KIIT Electrical Society

The KIIT Electrical Society (KES) organized a two-day Tech-Expo on February 26th and 27th, 2022, with the theme "build Small, Think Big." KES aims to create cutting-edge electrical products and promote social and intellectual benefits. The event was inaugurated by Dr. Shyam Sundar Behura, Deputy Director, Student Services, KIIT, who encouraged participants to explore their interests and transform ideas into projects.
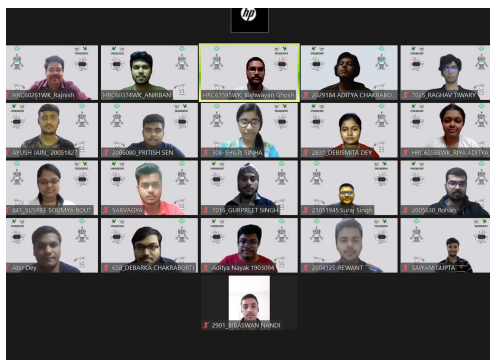
Fig. 9.23: Tech-Expo Organized by KIIT Electrical Society

Dr. Manoj K. Maharana and Dr. Shubhasri Kundu, Faculty Coordinators, also addressed the gathering. The Expo featured six teams showcasing projects like Hotel Automation System, Automatic Attendance System, Light

Tracking Solar Panel, Emotion Detection Using Speech and Motion, and Light-Based Room Operating System. KES Alumni connect talks were given by industry professionals, and an Industry Connect session with Mr. Shaon Kanti Bera from BHEL provided insights into the corporate world. Several innovative projects were presented, including an Anti Sleep System, Automatic Fire and Gas Leak Detection, and Controlling DC Motor with IR sensor, followed by a quiz and Q&A session.

9.32. KIIT School of Computer Engineering Organizes Lecture on "Recent Applications of Machine Learning"

Dr. Partha Pratim Roy, Associate Professor at IIT Roorkee, delivered a lecture on "Recent Applications of Machine Learning" on March 12, 2022. Hosted by KIIT Deemed University's School of Computer Engineering, the lecture aimed to educate graduate and master's students, research scholars, and faculty members about the complexities of Artificial Intelligence (AI) and contemporary Decision Making techniques. Dr. Roy discussed AI's relevance in fields like robotics, computer vision, and self-driving cars. The interactive session facilitated by Dr. Pradeep Kumar Mallick, Associate Professor of the School of Computer Engineering, provided insights into the rapidly evolving AI landscape. Dr. Dipak Kumar Mohanty, Assistant Professor, hosted the event, enhancing participants' understanding of AI's real-world applications and its impact on various domains.

Fig. 9.24: KIIT School of Computer Engineering Organizes Lecture on "Recent Applications of Machine Learning"

https://news.kiit.ac.in/schools/sot/computer/kiit-school-of-computer-engineering-organizes-lecture-on-recent-applications-of-machine-learning/

9.33. KIIT School of Computer Engineering Organizes Guest Lecture on "Compiler Optimizations"

Dr. Rupesh Nasre, Associate Professor at IIT Madras, presented a lecture on "Compiler Optimizations" on March 12, 2022, through KIIT Deemed University's School of Computer Engineering. The talk delved into Compiler Optimization techniques using relevant examples. It significantly benefited graduate students, providing them an early grasp of this emerging technology in Computer Science. Dr. Pradeep Kumar Mallick, Associate Professor of the School of Computer Engineering, coordinated the event, enriching participants' understanding of Compiler Design and Optimization. Prof. Ronali Padhi, Assistant Professor of the same school, hosted the lecture, fostering an insightful learning environment. The lecture bridged the gap between theory and application, enhancing students' knowledge in the dynamic field of Compiler Optimizations.

Fig. 9.25: KIIT School of Computer Engineering Organizes Guest Lecture on "Compiler Optimizations"

https://news.kiit.ac.in/schools/sot/computer/kiit-school-of-computer-engineering-organizes-guest-lecture-on-compiler-optimizations/

9.34. KIIT School of Applied Sciences Organizes Colloquium on "Topological Insulator"

KIIT School of Public Health (KSPH), KIIT-DU, organized a unique training workshop titled "Enhancing Awareness and Knowledge on Prevention of Antibiotic Resistance (ABR) among the personnel manning retail pharmacy stores" on March 13, 2022. The workshop aimed to address the issue of ABR driven by easy access to antibiotics without prescriptions. This event, supported by the Association of Schools and Programs of Public Health, USA, was part of the "THIS IS PUBLIC HEALTH" Project. Prof. J. R. Mohanty inaugurated the workshop, while Dr. Sasmita Mallick delivered the keynote address. The scientific session featured presentations by Associate Prof. Himanshu Sekhar Pradhan on ABR insights and global action plans, and Prof. (Dr.) Sudhir Kumar Satpathy on the role of pharmacy store personnel in containing ABR. An open discussion followed, addressing challenges and queries, facilitated by the speakers and Dr. Ratikanta Tripathy. The event engaged pharmacy store personnel, KSPH students, and faculty members. The workshop aimed to raise awareness among key stakeholders about combating ABR.

Fig. 9.26: KIIT School of Applied Sciences Organizes Colloquium on "Topological Insulator"

https://news.kiit.ac.in/schools/sot/as/kiit-school-of-applied-sciences-organizes-colloquium-on-topological-insulator/

9.35. KIIT School of Computer Engineering Organizes Guest Lecture on "Clustering Algorithms"

On March 15, 2022, Dr. Sayan Ranu, an Associate Professor from the Department of Computer Science and Engineering at IIT Delhi, delivered a lecture on "Clustering Algorithms." This lecture, organized by KIIT Deemed to be University's School of Computer Engineering, provided valuable insights for graduate students, master's students, research scholars,

and faculty members. Dr. Ranu's expertise in Cluster Analysis Research, an emerging field in Computer Science, offered attendees a significant opportunity to enhance their knowledge in this domain. Dr. Pradeep Kumar Mallick, an Associate Professor at KIIT School of Computer Engineering, coordinated and hosted the event.
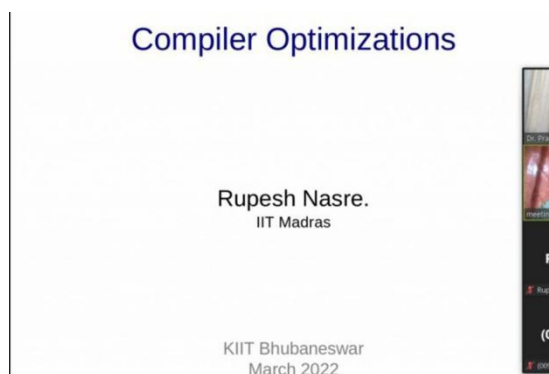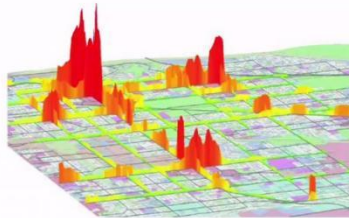

Fig. 9.27: KIIT School of Computer Engineering Organizes Guest Lecture on "Clustering Algorithms"

https://news.kiit.ac.in/schools/sot/computer/kiit-school-of-computer-engineering-organizes-guest-lecture-on-clustering-algorithms/

9.36. KIIT School of Computer Engineering Organizes Alumni Talk on "Sustainable Development Goals (SDGs): Transforming the IT Industry"

KIIT-DU's School of Computer Engineering conducted an Alumni Talk on March 26, 2022, featuring Mrs. Sonali Paul, a consultant at TCS and an alumna of the 1998-2002 batch. The talk titled "Sustainable Development Goals (SDGs): Transforming the IT Industry" focused on the success of SDGs in the IT sector and their relevance to IT developers.
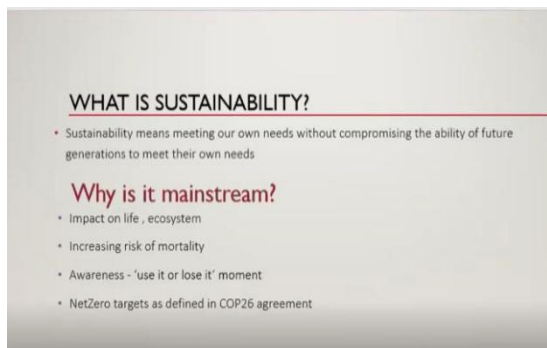
Fig. 9.28: KIIT School of Computer Engineering Organizes Alumni Talk

https://news.kiit.ac.in/schools/sot/computer/kiit-school-of-computer-engineering-organizes-alumni-talk/

9.37. Seminar on "Research Tools and Methods of Data Collection" at KINS

Kalinga Institute of Nursing Sciences (KINS), KIIT-DU, conducted a one-day seminar on "Research Tools and Methods of Data Collection" on March 24, 2022. The event began with a keynote address by Prof. (Dr.) Niyati Das, Principal of KINS. During the seminar, Mrs. Jayasmini Mohanty, Asst. Professor at KINS, discussed the concept of data collection, emphasizing sources, methods, tools, and influencing factors, along with criteria for evaluation. Mrs. Trupti Rekha Swain, Asst. Professor, covered the "Interview and Observation Method," its uses, advantages, and disadvantages with relevant examples. Lastly, Mrs. Nibedita Mohanty, Asst Professor, talked about "Questioning Methods, Bio-physiologic, and Other Methods," engaging the audience in an interactive session. The seminar was attended by both students and faculty members of KINS and was coordinated by a dedicated committee. Dr. Sivasankari V., Associate Professor, extended the vote of thanks.

Fig. 9.29: Seminar on "Research Tools and Methods of Data Collection" at KINS

https://news.kiit.ac.in/kiit-events/seminar/seminar-on-research-tools-and-methods-of-data-collection-at-kins-tools-and-methods-of-data-collection-are-the-most-important-and-inevitable-aspect-of-research/

9.38. First Time in India Training Program on "Modeling & Analysis of Dental Implant Prosthetics through FEM" for Dental Students

The School of Mechanical Engineering at KIIT-DU launched a one-month Summer Training Program on "Modeling and Analysis of Dental Implant Prosthetics through Finite Element Methods" on May 16, 2022. Professor (Dr.) Aswini Kumar Kar, Principal of Kalinga Institute of Dental Sciences (KIDS), highlighted the significance of Finite Element Methods (FEM) in dentistry research. The initiative aims to enhance interdisciplinary research collaboration between dental and mechanical engineering students. Professor (Dr.) Bharat Chandra Routara, Dean of KIIT School of Mechanical Engineering, encouraged participants to apply FEM knowledge to real-world dental research problems. Professor (Dr.) Purna Chandra Mishra, Dean (Research), discussed FEM's potential in addressing dentistry challenges and fostering innovative solutions. Dr. Chinmay Kundu introduced the training modules, and Mr. Siba Padarabinda Behera proposed a vote of thanks. The program aims to empower dentistry students' personal and professional growth.

Fig. 9.30: First Time in India Training Program on "Modeling & Analysis of Dental Implant Prosthetics through FEM" for Dental Students

https://news.kiit.ac.in/kiitnews/first-time-in-india-training-program-on-modeling-analysis-of-dental-implant-prosthetics-through-fem-for-dental-students/

9.39. Colloquium Lecture Series: Technical Talk at KIIT School of Mechanical Engineering

As part of the Colloquium Lecture Series for the academic year 2021-22, the School of Mechanical Engineering organized a virtual technical talk on May 27, 2022. Dr. Mukul Gupta, a Scientist–G from UGC-DAE Consortium for Scientific Research in Indore, delivered the talk titled "Synthesis and Advanced Characterization of Hard Metal-Nitride Coatings." Dr. Gupta, an expert in thin film coating, discussed collaborative research opportunities in the UGC-DAE lab and explained the process of submitting project proposals. He highlighted various advanced coating deposition techniques like molecular beam epitaxy, pulsed laser ablation, and HiPIMS. The talk also showcased his recent developments in nitride thin film coatings such as TiN, NbN, and ScN. Professor Bharat Chandra Routara, Dean of the School of Mechanical Engineering, expressed appreciation for the informative talk and extended gratitude, while Dr. Spandan Guha, Coordinator of the Colloquium Lecture Series, moderated the interactive session following the presentation.

Fig. 9.31: Colloquium Lecture Series: Technical Talk at KIIT School of Mechanical Engineering

https://news.kiit.ac.in/kiit-events/talk/colloquium-lecture-series-technical-talk-at-kiit-school-of-mechanical-engineering/

9.40. KIMS Doctors' Innovation: A Device to Measure Pain

Doctors at Kalinga Institute of Medical Sciences (KIMS) have developed a device called "Objective Pain Score" (OPS), akin to a thermometer, to accurately measure human pain. The OPS prototype provides precise pain assessment, aiding physicians in prescribing effective treatments, particularly in intensive care units. Dr. Sailaja Sukanya, guided by Prof. (Dr.) Amit Pradhan and Dr. Ashok Kumar Badamali, formulated OPS. The method correlates with patient condition or Visual Rating Scale (VRS). This innovation was praised at the ISSPCON-2022 conference. The OPS algorithm could automate painkiller delivery based on objective pain scores during surgery and ICU mechanical ventilation. Current pain assessment methods like VAS are subjective,

but OPS offers a breakthrough in objective pain management.

https://odishabytes.com/innovation-doctors-of-bhubaneswar-based-kims-come-up-with-device-to-

9.41. KIIT School of Computer Applications Organizes Workshop on "Applied Python-I"

KIIT Deemed to be University's School of Computer Applications conducted a three-day online workshop, "Applied Python-I," from June 27th to 29th, 2022. The workshop aimed to enhance participants' practical problem-solving skills using recent machine learning algorithms, fostering independent study and research experience. Debolina Mohapatra, a developer at Samsung Research Institute and former section leader for Stanford University's Python Programming course, conducted sessions. The workshop attracted 46 participants from various institutions, including KIIT-DU, KIIT Polytechnic, IIIT Bhubaneswar, Christ-DU, Bangalore, and KISS. Attendees included PG Scholars, Research Scholars, students, and faculties from diverse premier institutes. Dr. Satya Ranjan Dash, Associate Professor at School of Computer Applications, KIIT-DU, coordinated the workshop.

Fig. 9.32: KIIT School of Computer Applications Organizes Workshop on "Applied Python-I"
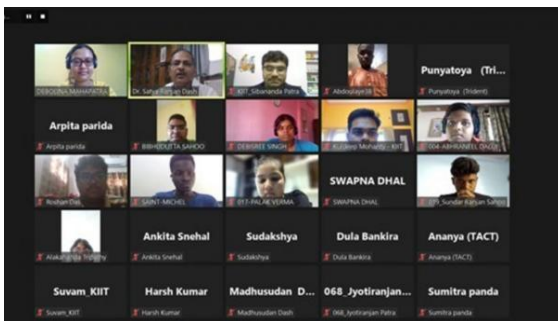
https://news.kiit.ac.in/kiit-events/workshop/kiit-school-of-computer-applications-organizes-workshop-on-applied-python-i/

9.42. Interactive Session Between KIIT-CRF & TSAMRC For Research Collaboration

The Central Research Facility (CRF) at KIIT-DU organized a day-long interaction session with representatives from Tata Steel Advanced Material Research Centre (TSAMRC) on June 30, 2022. The objective was to explore potential research collaborations between TSAMRC and KIIT-DU in areas of mutual interest.

TSAMRC's team, including Subrat K Baral, Chief of Alliance and Ventures, Mriganshu Guha, Head of TSAMRC, and Twisampati Bhandari, shared Tata Steel's technology focus, spanning nanomaterials, biocomposites, medical materials, alternative construction materials, and more. Dr. Rojalin Sahu, Associate Professor & Associate Dean at CRF, presented KIIT-DU's research facilities and outputs.

With participation from various KIIT-DU schools, including Applied Sciences, Civil Engineering, Mechanical Engineering, and more, the interaction facilitated sharing of research interests and work. The initiative, conceived by Mr. Subrat K Baral, is poised to significantly impact advanced research in the eastern region of India. The visiting team toured research facilities and engaged with research deans, promoting potential collaborative opportunities. The interaction underscores the potential for transformative research partnerships to shape the future of innovation in the region.

Fig.9.33: Interactive Session between KIIT-CRF & TSAMRC

https://news.kiit.ac.in/kiitnews/interactive-session-between-kiit-crf-tsamrc-for-research-collaboration/

9.43. Guest Lecture On Autonomous Vehicles At KIIT School Of Computer Engineering

On July 16, 2022, at KIIT Deemed to be University's School of Computer Engineering, Prof. Rahul Mangharam from the University of Pennsylvania, USA, delivered an enlightening lecture titled "Balancing Performance and Safety in Autonomous Vehicles." During this

lecture, he explored the intricate relationship between performance and safety in autonomous vehicles, emphasizing methods to develop highly competitive autonomous agents. Prof. Mangharam also discussed the concept of multi-domain optimization for autonomous systems, employing machine learning and reinforcement learning techniques. This presentation had a significant impact on graduate students, providing them with valuable insights and a solid foundation in the rapidly evolving fields of Machine Learning and robotics within the realm of Computer Science. Dr. Pradeep Kumar Mallick and Dr. Hrudaya Kumar Tripathy, both Associate Professors at the School of Computer Engineering, played pivotal roles in coordinating this lecture, which was hosted by Prof. Banhi Sanyal, an Assistant Professor at the same institution. Prof. Mangharam's lecture served as a valuable educational opportunity, bridging the gap between theoretical knowledge and practical applications in the realm of autonomous technology.

Fig.9.34: Guest Lecture On Autonomous Vehicles At KIIT School of Computer Engineering

https://news.kiit.ac.in/schools/sot/computer/guest-lecture-on-autonomous-vehicles-at-kiit-school-of-computer-engineering/

9.44. KIMS Doctor Develops Easy-To-Use 'Sanjivani' Gadget To Save Cardiac Arrest Victims

"The Device Is Easy To Operate By Anyone & Provides Instructions In The Local Language The Department Of Biotechnology Has Sanctioned The Highest Flagship Grant To Develop Sanjivani Ecosystem Doctors at Kalinga Institute of Medical Sciences (KIMS) have developed a cost-effective technology that can provide prompt assistance and save a person at home suffering from cardiac arrest. The 'Sanjivani' hand-held gadget, as the name suggests, is a critical life-saving device. Its development assumes significance as various reports and studies have reflected a significant increase in heart attack-related deaths in recent years. Today, approximately 85 percent of sudden cardiac arrests are being reported at home or outside the hospital, with the survival rate being less than 10 percent. The human brain suffers irreversible damage after 6 minutes of cardiac arrest in the absence of high-quality chest compressions, which means pressing the middle part of the chest at a rate of 100 per minute, and a depth of at least 5 centimeters while allowing complete chest recoil between two successive compressions."

Fig.9.35: 'Sanjivani' Gadget To Save Cardiac Arrest Victims

https://kalingatv.com/state/kims-doctor-develops-easy-to-use-sanjivani-gadget-to-save-cardiac-arrest-victims/

9.45. DefExpo-2022: KIIT-TBI Chosen as A Partner Incubator For IDEX

KIIT Technology Business Incubator (KIIT-TBI) has proudly secured its position as one of the five esteemed incubation partners for the Innovations for Defence Excellence (iDEX) initiative, a pioneering effort by the Department of Defence Production, Government of India. This milestone announcement took place during the Manthan Program at DefExpo-2022 in Ahmedabad on October 18, 2022, with the honorable presence of key figures including Shri Rajnath Singh, India's Defence Minister, and other top officials from the defence sector.

In its role as an iDEX partner incubator, KIIT-TBI will play a pivotal role in enhancing the capabilities of startups engaged in Defence-related innovations. The agreement was formally sealed between Dr. Mrutyunjay Suar, CEO of KIIT-TBI, and iDEX, underscoring KIIT-TBI's commitment to nurturing and mentoring

these startups to scale greater heights. Dr. Suar expressed enthusiasm for this significant recognition, emphasizing the opportunity to contribute to India's Defence innovation ecosystem.

Fig. 9.36: DefExpo-2022

https://news.kiit.ac.in/tbi/defexpo-2022-kiit-tbi-chosen-as-a-partner-incubator-for-idex/

9.46. IEEE Sponsored International Conference On Advancements In Smart, Secure & Intelligent Computing(ASSIC 2022) Inaugurated At KIIT

School of Computer Engineering, KIIT DU in association with The British University, Dubai UAE, and University of Salford, Manchester UK, organized the inaugural edition of IEEE sponsored International Conference on Advancements in Smart, Secure & Intelligent Computing (ASSIC 2022) on 19th and 20th November 2022. ASSIC 2022 is technically sponsored by IEEE Computer Society and IEEE Computer Society Bio-inspired Computing.

Prof. (Dr.) Saranjit Singh, Pro-Vice Chancellor, KIIT DU; Prof. (Dr.) Jnyana Ranjan Mohanty, Registrar KIIT DU and General Chair ASSIC 2022; Prof. (Dr.) Biswajit Sahoo, Director-General, School of Computer Engineering, KIIT DU, along with Dr. Hrudaya Kumar Tripathy, Program Chair ASSIC 2022; and Dr. Sushruta Mishra, Organizing Chair ASSIC 2022 graced the inauguration ceremony. Prof. (Dr.) Khaled Fouad Sayed Shaalan from The British University in Dubai UAE; and Prof. (Dr.) Tarek Gaber, University of Salford, Manchester UNK, graced the occasion as the chief guests through virtual mode.

Prof. Khaled Fouad Sayed Shaalan, chief guest, in his address, emphasized on the importance of secure and intelligent computing that can solve the critical societal challenges. Prof. Tarek Gaber, chief guest, expressed his happiness on the theme of the conference and asked the budding authors and researchers to explore more effective solutions to societal problems using smart, secure, and intelligent computing.

Fig. 9.37: IEEE Sponsored International Conference On Advancements In Smart, Secure & Intelligent Computing(ASSIC 2022) Inaugurated At KIIT

https://news.kiit.ac.in/kiit-events/conference/ieee-sponsored-international-conference-on-advancements-in-smart-secure-intelligent-computingassic-2022-inaugurated-at-kiit/

9.47. KIIT School Of Computer Engineering Organizes International Conference On Computational Intelligence & Networks

The 5th International Conference on Computational Intelligence and Networks (CINE 2022), jointly organized by the School of Computer Engineering at KIIT-DU and the Indian Statistical Institute Kolkata's Center for Soft Computing Research and Physics and Applied Mathematics Unit, was held from December 1st to 3rd, 2022. This prestigious event attracted a global audience, featuring technical papers of exceptional quality.

Fig.9.38: International Conference on Computational Intelligence & Networks

Notably, CINE is renowned for its rigorous review process, upholding high ethical and research standards. In this edition, the acceptance rate was a remarkable 22%, reflecting the conference's commitment to showcasing cutting-edge research in the field of computational intelligence and networks.

https://news.kiit.ac.in/kiit-events/conference/kiit-school-of-computer-engineering-organizes-international-conference-on-computational-intelligence-networks/

9.48. DANA Regional Hackathon: KIIT Student's Project Idea Bags First Position

A team led by KIIT student Sanchit Verma secured the First Position at the Dana Regional Hackathon 2022, organized by Big Bloom and Dana Ventures. This impressive achievement occurred at an esteemed international event where Sanchit's team outperformed competitors from prestigious universities such as New York University, Institut Agronomique et Vétérinaire Hassan-II, and Azrieli College of Engineering Jerusalem. Their project idea not only claimed the top spot but also showcased the talent and innovation coming from KIIT University on a global stage.

https://news.kiit.ac.in/achievements/dana-regional-hackathon-kiit-students-project-idea-bags-first-position/

9.49. KIIT School of Computer Engineering Organizes 20th International Conference On Information Technology

The School of Computer Engineering, KIIT-DU organized the 20th OITS International Conference on Information Technology, technically co-sponsored by IEEE Kolkata Section and IEEE Bhubaneswar sub-section, in hybrid mode from 14-16 December 2022. The meet featured keynote addresses by Prof. Saraju P. Mohanty, University of North Texas, USA, Prof. Himanshu Thapliyal, University of Tennessee, USA, and Prof. Sasmita Samanta, Vice Chancellor, KIIT-DU. Prof. Amit Kumar Mishra, University of Cape Town and Dr. Arif Ahmed, Experienced Researcher, Ericsson, Sweden delivered the invited talks.

https://news.kiit.ac.in/kiit-events/conference/kiit-school-of-computer-engineering-organizes-20th-international-conference-on-information-technology/

9.50. KIIT School of Applied Sciences Celebrates National Mathematics Day

The Department of Mathematics at the School of Applied Sciences, KIIT-DU, celebrated "National Mathematics Day" on December 22, 2022, with a seminar presided over by Prof. S. Nanda, a Professor of Eminence and Research Chair. This day is dedicated to commemorating the birthday of the renowned mathematician Srinivasa Ramanujan and highlighting his remarkable contributions to the field of mathematics. Ramanujan's work included significant mathematical analyses and solutions to previously unsolvable equations, earning him recognition as a skilled mathematician. The celebration of National Mathematics Day serves the purpose of increasing public awareness about the importance of mathematics and its role in advancing humanity across various domains. It provides an opportunity for people to acknowledge and appreciate the value of mathematics as a discipline that contributes to the progress of society at all levels.

Fig. 9.39: KIIT School Of Applied Sciences Celebrates National Mathematics Day

https://news.kiit.ac.in/schools/sot/as/kiit-school-of-applied-sciences-celebrates-national-mathematics-day/

The more details can be found in following links

Link for KIIT TBI:
https://kiitincubator.in/

Link for KIIT Reseach:
https://kiit.ac.in/research/

The University has been relentlessly striving towards reducing inequalities since its inception in different segments of the society in multiple aspects. Some of the policies and efforts undertaken in this direction is outlined in this section.

10.1. Admission Policy with Fair Representation for Under Represented Group

Admission policy has been framed to provide fair representation of underrepresented groups, students from underdeveloped/developing countries and differently abled students across different programmes of study.

For details:
https://kiitee.kiit.ac.in/
https://kiitee.kiit.ac.in/reservation-of-seats/

Scholarship details are available at
https://kiit.ac.in/academics/scholarships-fellowships/

10.2. Anti-discrimination / Anti-harassment Policy

The University has defined anti-discrimination /anti-harassment policies along with associated committees, grievance cell, and Equality, Diversity and Inclusion committee to look after issues related to bias or harassment raised by any staff or student. **Appendix-IX** provides the list of policies.
https://kiit.ac.in/policies/

https://kiit.ac.in/equality-diversity-and-inclusion-committee/
https://kiit.ac.in/equal-opportunity-policy/
https://kiit.ac.in/anti-harassment-policy/

10.3. Disability policy and available Facilities for Differently-abled Staff and Students

The University is committed to ensuring disability does not provide a barrier to existing and prospective student & staff, the University has a clear disability policy for accessibility to our physical environment, admissions, recruiters advantage, support to differently able staff & student. Every year, several students and staff with physical and/or mental health conditions and learning differences join KIIT in various academic programs and departments respectively. KIIT has always been committed to providing an inclusive academic and working environment for one and all. As part of this commitment, access to a wide range of support services are provided to them for helping them succeed with their studies, day-to-day activities, work, travel, and lifestyle. Equal opportunity on the basis of qualification and experience is provided to differently-abled staff to perform the genuine and reasonable requirements of their role by making appropriate and reasonable adjustments to the staff member's workplace.

Special provisions, services and accommodation are available for differently-

abled staff and students to make them feel at comfort in the University.

For details, one can visit
https://kiit.ac.in/service-for-differently-abled/

10.4. Mentoring cum Counseling and Support Services

Counselling of students and staff is being undertaken in KIIT since its inception as a part of student activity. However, to provide greater focus, a counselling cell was created in July 2018 to create a favourable environment for the student community and empower them to achieve a fulfilling life with intellectual and emotional growth. Mentoring cum Counseling and Support Services were provided for Students/Staff including those from Underrepresented Groups.

Fig. 10.1: Counseling session for students

Fig.10.2: Counseling session for international students
For more details:
https://kiit.ac.in/student-counselling/

10.5. Placement for Tribal Students

More than 6000 alumni of KISS a sister institute of KIIT only for tribal students have already placed in different government, non government, banking as well as corporate

sectors with an average salary package of 4.00 lakhs INR.

10.6. First Generation Learners

KIIT along with KISS has helped more than 7000+ first generation learners to come out from their unrecognized lives inside the jungle to social mainstream and helped to lead a decent life. This initiative was aimed to address the economic inequality.
https://kiss.ac.in/

10.7. Skill Development Program for School Dropouts and unemployed youth

The University conducted skill development programmes for school dropouts and unemployed youth to motivate them to learn. They are provided with the facilities available at " School of Advanced Skill" to train them and make them employable.
https://skills.kiit.ac.in/

10.8. Innovation Centre to Stimulate the local Women Community

An Innovation Centre to stimulate the local women community towards rural entrepreneurship had been working. Innovation Centre for Women, conducted developmental projects facilitating women entrepreneurship to stimulate the local women community towards rural entrepreneurship. Mentoring activities including help in formulating proper business model/ plan, product development, fund raising, fund management, developing marketing strategy and other related activities is being provided. Awareness has also been spread among more than 5000 women and around 350 women have already benefited.

10.9. Major Initiatives taken by the University towards SDG 10
➢ Women Empowerment Seminars and training programmes were conducted.
➢ Capacity building projects/ programmes for Women Entrepreneurs were also being conducted.
➢ There is no pay disparity on the basis of gender in the University.
➢ The faculty members and students of the University were voluntarily engaged in educational activities at its sister organization, Kalinga Institute of Social

Sciences (KISS) to prepare the children and students for higher studies. Details about KISS are provided in **Appendix-I.** This initiative was oriented to address the social inequalities.

➢ Community Engagement centers established in all districts of the state of Odisha had teams working on social issues in different areas and other initiatives to address the social inequalities.

➢ KIIT in collaboration with Kalinga Institute of Social Sciences (KISS) and United Nations Population Fund (UNFPA) has initiated the project 'Samarthya', the Life Skills Education for adolescents with disabilities studying in the special schools of Odisha, for promoting their health and wellbeing, since August 2020. The project is being implemented in close collaboration with the Department of Social Security and Empowerment of Persons with Disability (SSEPD), Government of Odisha.

➢ Tech-based training modules for tribals including Tailor made tech solutions, Courses and modules with focus on Advertising, Branding, Product Market Knowledge, e-channels, knowledge about online platforms , Hands-on Training on use of online platform like Amazon etc for selling products and use of KIIT ERP integrated with SAP was imparted through the Community Engagement Cell.

➢ First Technical Advisory Group (TAG) Meeting on "Life Skills Education (LSE) for adolescents with disability in Special Schools of Odisha" was organized by United Nations Population Fund (UNFPA), Odisha team and Mission UDAY team in collaboration with KIIT & KISS on 26th August 2020 on the virtual platform with an aim to introduce the Life Skill Education Program (LSE) in Special schools.

10.10. Chudanga Adopted as NSS Village by KIIT NSS Bureau

Chudanga village of Daruthenga Gram Panchayat under Bhubaneswar Block was adopted as NSS Village by KIIT NSS Bureau on 17th April 2022. NSS volunteers of three schools of KIIT Deemed to be University – School of Mass Communication, School of Fashion Technology and School of Film and Media Sciences - will work with the villagers of Chudanga to bring social change and develop

the village as a model NSS village. "Chudanga is a tribal village, which is lacking development though it is located on the outskirts of Bhubaneswar. KIIT NSS Bureau has adopted the village to bring social change in the lives of the people", said, Dr. Kajal Parasar, Programme Coordinator of KIIT NSS Bureau. In this regard, an adaptation process meeting was held in Chudanga village. Sarpanch of Daruthenga Gram Panchayat, Mr. Tapan Kumar Chakrabarti presided over the meeting where Dr. Prabhat Kumar Rout and Dr. Bidu Bhusan Dash, Programme Officers of KIIT NSS Bureau talked how NSS volunteers can contribute for the development and social change in the village. Mr. Ajit Kumar Srichandan, Panchayat Samiti Nominee of Daruthenga Gram Panchayat and Singo Besra, Ward Member of Chudanga village were also present in the meeting. Comprising youth and women, a coordination committee was formed for smooth conduct of NSS activities in the village.

Fig. 10.3: KIIT adopted Chudanga as NSS Village

https://news.kiit.ac.in/schools/mass-communication/chudanga-adopted-as-nss-village-by-kiit-nss-bureau/

10.11. National Seminar on "Sustainable Development with Women Empowerment"

A National Seminar on "Sustainable Development with Women Empowerment", organized by Indian Science Congress Association (ISCA), BBSR Chapter in association with KIIT and College of Basic Science & Humanities, OUAT, was inaugurated at KIIT on 2nd March 2022. Article 5 of the Sustainable Development Goals (SDGs) concerns gender equality and is among the 17 SDGs established by the United Nations in 2015.

Fig. 10.4: Seminar on Sustainable Development with Women Empowerment

Women's empowerment is a critical component in achieving long-term economic growth, social development, and environmental sustainability. Inaugurating the Seminar, Prof. Vijay Laxmi Saxena, General President, ISCA emphasized the importance of gender equality and introduced the theme. The various sessions of the seminar comprised numerous number of oral presentations by young researchers.

https://news.kiit.ac.in/kiit-events/seminar/inauguration-of-national-seminar-on-sustainable-development-with-women-empowerment

10.12. Khwaab Society of KIIT Celebrated Diwali At An Orphanage

Diwali is a celebration of lights, symbolizes the victory of good over evil and spreading happiness with the family and around us. Khwaab, the Social Responsibility Society's primary motto is spreading happiness and bringing smile on the face of people around us. Based on that notion what would be better than celebrating the festival with the one who don't have family and by doing so giving them a chance to see that they matter to us and they belong here with us in this society.

Keeping this is mind, the members of Khwaab celebrated Diwali with the children in the Orphanage, Prativa Ashram, Khandagiri on 23rd October,2022. It started with making Rangoli with the children followed by distribution of Diyas. The student members also organized music and dance events for the children. The full day event ended with distribution of Notebooks and sweets. Dr. Shyam Sundar Behura, Dy. Director SS thanked the 40 student members of Khwaab and staffs Ms. Abantika Pattanayak and Ms. Jayalaxmi

Mishra for taking forward the "Art of Giving" initiative of Founder Sir.

Fig. 10.5: Khwaab Society Of KSAC Celebrated Diwali At An Orphanage

https://news.kiit.ac.in/ksac/student-news/khwaab-society-of-ksac-celebrated-diwali-at-an-orphanage/

10.13. KIIT & KISS Organizes Disability Sensitization Workshop

KIIT along with KISS organized a Disability Sensitization Workshop on 4th August, 2022, in collaboration with Otani University, Kyoto, Japan. It was the second event as part of the MoU recently signed between the two institutions. The program was jointly organized by the Internal Quality Assurance Cell (IQAC) and Human Resource Development Centre (HRDC), KIIT & KISS in collaboration with Otani University, Japan. Delivering the keynote address, Professor Shobha Rani Dash, Professor, Department of Buddhist Studies, Otani University explained the Buddhist approach to the question of disability and the various disabled friendly measures in practice at the Otani University, Japan. She emphasized the need for the able bodied to understand and feel the pain of persons with disability, a cardinal principle of Buddhist thought.

Fig. 10.6: KIIT & KISS Organizes Disability Sensitization Workshop
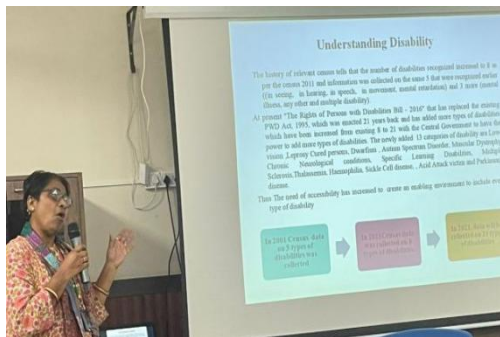
https://news.kiit.ac.in/kiit-events/workshop/kiss-du-organizes-disability-sensitization-workshop/

10.14. KIIT NSS Bureau Celebrates International Youth Day

KIIT NSS Bureau celebrated the International Youth Day on 12th August, 2022 on the theme "Intergenerational Solidarity: Creating a World for All Ages." The objective of the event was to amplify the message that action is needed across all generations to achieve the Sustainable Development Goals (SDGs). The occasion was graced by Dr. Bhagban Prakash, Former Program Advisor & Chief of NSS, Ministry of

Youth Affairs & Sports, Govt. of India; Mr. Umi Daniel, Director Migration Education, Aide et Action South Asia; Shri Nirada Barana Khuntia, Co-ordinator, ETI; Dr. Sucheta Priyabadini, Director, Students Counselling, KIIT-DU; Prof. S.K. Mahapatra, Director, KSOM; and Dr. Kajal Parashar, Programme Co-ordinator, KIIT NSS Bureau.

Fig. 10.7: KIIT NSS Bureau Celebrates International Youth Day

https://news.kiit.ac.in/nss/kiit-nss-bureau-celebrates-international-youth-day/

10.15. Invited Special Lecture On "Democratic Features Of Namdharis In India" Held At KIIT

The journey of democracy in India right from the Vedic Period till date has few parallels in the world. The democratic system in India, built on the strength of inclusiveness and diversity, has evolved over the ages.

In order to celebrate hoary Indian democratic traditions, KIIT invited Prof. (Dr.) Sujit Kaur Jolly, Member, ICHR, Former Principal Shyama Prasad Mukherjee College, University of Delhi, who delivered a lecture on the theme "Democratic Features of Namdharis in India" on 25th November 2022. Students and faculty members of the University attended the lecture. Prof. Jolly was amazed by the beauty of KIIT & KISS, especially when she interacted with the indigenous students. She praised the beautiful creation of The Almighty at KIIT & KISS and paid her regards to Prof. Achyuta Samanta, Founder

of KIIT and KISS for his vision & unique contribution for promoting inclusiveness of tribal children into the mainstream of the society.

Fig. 10.8: Invited Special Lecture On "Democratic Features Of Namdharis In India" Held At KIIT

Prof. Jolly commented, "Prof. Achyuta Samanta is relentlessly working for the underprivileged children without making any noise and giving them eyes to see the world. If the government would bestow Bharat Ratna on him then the value of Bharat Ratna will be multiplied".

https://news.kiit.ac.in/kiitnews/invited-special-lecture-on-democratic-features-of-namdharis-in-india-held-at-kiit/

10.16. KIIT & KISS Organizes Distinguished Invited Lecture on 'Tribal Culture and Philosophy'

The Bhima Bhoi Research Chair, in collaboration with the School of Tribal Culture, Philosophy, and Eco-Spiritualism (TCPE) at KIIT & KISS, organized a blended-mode invited lecture by Professor Aditya Kumar Mohanty from Central University, Tripura, on 'Tribal Culture and Philosophy' on April 16, 2022.
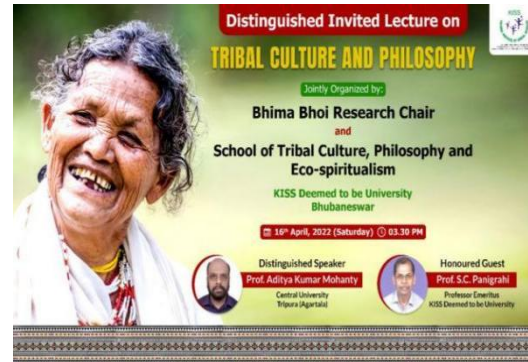
Fig. 10.9: KIIT & KISS Organizes Distinguished Invited Lecture on 'Tribal Culture and Philosophy'

Professor Mohanty highlighted the unique human ability for reasoning and critical thinking, discussing how philosophy is inherent in human nature, enabling discernment between the pleasurable and preferable. He noted that while tribal communities lack formal academic philosophy, they possess profound problem-solving abilities. Tribal heads, despite being uneducated, resolve disputes within their communities, reflecting an alternative form of wisdom. The distinction between civilization and culture was emphasized, where culture defines who we are. Tribal life is characterized by simplicity, sustainable practices, and harmonious relationships with nature.

https://news.kiit.ac.in/kiss/kiss-du-organizes-distinguished-invited-lecture-on-tribal-culture-and-philosophy/

10.17. KIIT NSS Bureau organized a food and mask distribution program

KIIT NSS Bureau, School of Electronics Engineering organized a food and mask distribution program to spread awareness on Omicron variant of Coronavirus at Tangibanta village on 8th January 2022 under the guidance of Prof. Sruti S. Singh, NSS Program Officer. Volunteers of KIIT NSS Electronics: Project Lakshya distributed more than 70 packets of food and more than 100 masks to the people in the village.

Fig. 10.10: KIIT NSS Volunteers organized food and Mask distribution program

https://news.kiit.ac.in/nss/kiit-nss-electronics-organizes-awareness-program-on-omicron-with-food-mask-distribution/

10.18. All India Inter-University Athletics (Women) Championship Inaugurated at KIIT

The 81st All India Inter-University (Women) Championship 2021-22, being organized by KIIT and supported by KISS, was inaugurated by Dr. Achyuta Samanta, Founder, KIIT & KISS. It is for the first time Odisha is hosting this Championship, which is being held under the aegis of the Association of Indian Universities (AIU), New Delhi. More than 2000 athletes, officials and coaches from more than 200 universities are participating in this mega event from 21st to 24th February 2022.

Sports offer a bright future and one should consider pursuing a career in sports, said Dutee Chand, Olympian & Arjuna Awardee and a student of KIIT at the inaugural ceremony. Parents should encourage their children to get involved in sports apart from studying, she added. There are many Dronacharya Awardee and reputed coaches who are part of this mega event. The competition will be held in 24 events for 100, 200, 400, 800, 1500, 5000, and 10,000 meters race; 100 and 400 meters hurdles, half marathon, 20 km race walk, Long Jump, High Jump, Triple Jump, Pole vault, shot-put, discus throw, Javelins throw, hammer throw, heptathlon, 3000-meter steeplechase, 4 x 100 mts, 4 x 400 mts relay and 4 x 400 mts mixed relay. The Indian Universities teams for World University Games 2022 at Chengdu, China will be selected from this Championship. Also, the top eight athletes from each event will qualify for the Khelo India University Games 2022 at Bangalore.

Fig. 10.11: All India Inter-University Athletics (Women) Championship Inaugurated at KIIT

https://news.kiit.ac.in/sports/all-india-inter-university-athletics-women-championship-inaugurated-at-kiit/

10.19. KIIT & KISS Celebrate International Women's Day "Let the Women Realize Their Inner Power"

Celebration on International Women's Day is not about the women, it is about the respect we have for women, said Dr. Achyuta Samanta, Founder, KIIT & KISS. Speaking at the function on the eve of International Women's Day, he said, "to empower women first, we should encourage and empathize with the helpless and needy women to help them lead a respectful life." "Development can be possible when we respect women. The more we respect women, the more we prosper and grow in our lives", he added. He said, where there was no respect for women, there was no development. "The Society, state or nation, which gives more respect to women, that society, state, and nation is more developed. Respect for women should begin in our own family," he added. Reminiscing the early days of KIIT & KISS, Dr. Samanta said, how, the leading institutions have been respecting and providing equal opportunities to women in every field. "Motherhood itself is the power", said Prof. Sasmita Samanta, Vice-Chancellor, KIIT Deemed to be University. She also added that with the power of motherhood women are always sources of strength, across the globe, where they can enlighten the entire humanity. "According to Swami Vivekanand, let the women work out their own destiny, '' the VC said.Prof. Dr. CBK Mohanty, Pro-VC, KIMS said, "Women are always empowered. They have enormous power and skill just like their male counterparts. They only need to realize their

inner strength. We should have to be aware of their hidden talents and skill," he said. Prof. Saranjit Singh, Pro-VC, KIIT DU, gave the welcome address, while Prof. Jnyanaranjan Mohanty, Registrar, proposed the vote of thanks. On this occasion, KIIT & KISS Women Forum was also inaugurated.

Fig. 10.12: International Women's Day

https://news.kiit.ac.in/kiitnews/kiit-kiss-celebrate-international-womens-day-let-the-women-realize-their-inner-power/

10.20. KIIT Wins AICTE Lilavati Award 2021-22 for Women Empowerment

A four-member team from KIIT led by its Vice-Chancellor, Prof. Sasmita Samanta has been conferred with the prestigious AICTE Lilavati Award 2021-22 under the sub-theme "Legal Awareness". Prof. Anil D. Sahasrabudhe, Chairman, AICTE presented the award to Prof. Sasmita Samanta, Vice-Chancellor, KIIT-DU at a special felicitation ceremony in New Delhi on 8th March 2022, on the occasion of International Women's Day. Smt. Smriti Irani, Hon'ble Union Minister for Women and Child Development virtually addressed the award ceremony. A Govt. of India initiative aimed at creating an ambiance of equality and fairness for women in educational institutions, AICTE Lilavati Awards are given across eight sub-themes, which include Women and Adolescent Health; Self-Defense; Environment, Sanitation, and Hygiene; Literacy and Life Skills; Women Entrepreneurship; Legal Awareness; Technology for Women; and Women Innovators.KIIT was selected as the winner in the 'Legal Awareness' sub-theme for its contribution to the establishment of an equitable just society with peace and happiness. The award carries prize money of Rs. 1,00,000/-. Earlier, a winner and two runners-

up from among over 500 participants were recommended in each sub-theme by an expert committee formed by AICTE, after a thorough scrutiny of the work done in the field of women empowerment. The winners were announced by the AICTE on the basis of recommendations of the expert committee. KIIT Deemed to be University, an 'Institution of Eminence' recognized by the Govt. of India, is remarkable in having a really wide spectrum of social outreach activities. It has promoted women empowerment since its inception and more than 60% of staff at KIIT are women, including several at top positions. Expressing his happiness, Dr. Achyuta Samanta, Founder, KIIT & KISS thanked AICTE for giving the award to KIIT. He also congratulated Prof. Sasmita Samanta and team for the achievement.

Fig. 10.13: AICTE Lilavati Award begged by KIIT team

https://news.kiit.ac.in/awards/kiit-team-wins-aicte-lilavati-award-2021-22-for-women-empowerment/

10.21. KIIT & KISS Organizes Workshop on 'Entrepreneurship Sensitization & Development Programme'

Centre for Indigenous Innovation & Entrepreneurship, and School of Tribal Resource Management, KIIT & KISS jointly organized a workshop on 'Entrepreneurship Sensitization and Development Programme' in association with MSME-DI, Cuttack, Ministry of MSME, Government of India on 12th April 2022. The objective of the workshop was to sensitize the students on the importance of entrepreneurial skills.

Speaking at the workshop, Dr. Shibananda Nayak, Assistant Director (EI), MSME-DI, Cuttack said that MSME aims to promote entrepreneurship, skill the educated

unemployed and help them build their own business. He also presented brief activities of the MSME-DI and some of the major schemes of the Ministry of MSME, like PMEGP, CGTMSE, MUDRA, SPURTI, and EDP. Shri. Subas Kumar Sahu, Assistant Director, MSME-DI spoke about the Service Oriented Section, the importance of generating ideas, and ways to identify the requirements of large-scale industry and the need for market identification, and value addition to the product. The students learnt about key topics like registering themselves under UDYAM, as well as various initiatives and schemes of MSME-DIs.

Fig. 10.14: Workshop on Entrepreneurship Sensitization and Development Programme

https://news.kiit.ac.in/kiit-events/workshop/kiss-du-organizes-workshop-on-sensitization-cum-awareness-programme-on-msme/

10.22. KIIT & KISS Organizes Session on 'Entrepreneurship Ecosystem in Tribal Areas'

Biju Patnaik Research Chair and Centre for Indigenous Innovation Incubation and Entrepreneurship, KIIT & KISS, organized a session on 'Entrepreneurship Ecosystem in Tribal Areas' to pay tribute to legendary Biju Patnaik on his death anniversary on 17th April 2022. Speaking at the inaugural session, Dr. Prashanta Kumar Routray, KISS, said that entrepreneurship is the actual requirement in the ecosystem of KISS. He also explained the aims and objectives behind establishing the Biju Patnaik Research Chair at KISS. Paresh Sabar, a Post Graduate student of KISS, shared Biju Patnaik's legacy at the inaugural session. Addressing the Technical Session, Dr. Subrat Kumar Biswal, Regional Head, Entrepreneurship Development Institute of India (EDII), spoke about entrepreneurship in the context of the tribal population. Supporting his deliberation with statistical data, he shared

that till now, only 2% of the tribal population has registered in UDYAM. He highlighted the contributions of Biju Patnaik, as an architect of modern Odisha. Agriculture, Food Processing, Art, Culture, Crafts, Tourism, Forest-based Entrepreneurship, and Mines and Minerals are some of the possible areas for developing an entrepreneurial ecosystem in tribal regions, Dr. Biswal said. In an interactive session with the students, Mr. Subhasis Das, Branch Manager, National Scheduled Caste & Scheduled Tribe Hub (NSSH), National Small Scale Corporation Limited (NSIC), spoke about the requirement of entrepreneurship in tribal areas, which included the possible areas of scope and partnership. He stressed women entrepreneurship and highlighted some of the schemes and policies related to start-ups and entrepreneurship. Earlier, two books titled 'Poetry for Language Learning' and 'Language through Literature – A Pragmatic Approach for Tribal Learners' by Dr. Preetinanda Roy, Assistant Professor, English Programme, School of Comparative Tribal Languages and Literatures, KISS, were released by the guests and senior functionaries. Both the books have been written in the context of KISS, wherein the focus is to develop teaching pedagogy for tribal learners. Further, these books will provide valuable information regarding the linguistic problems of the tribals in learning English and their elimination. Professor Ashok K. Mohapatra, Senior Professor English Programme, KISS made a formal introduction on the books written by Dr. Roy. The Technical Session witnessed an inspiring question and answer by the students, which was moderated and facilitated by Dr. Snigdharani Panda, Director Centre for Indigenous Innovation Incubation and Entrepreneurship, KISS.

Fig.10.15: Session on 'Entrepreneurship Ecosystem in Tribal Areas'

https://news.kiit.ac.in/kiss/kiss-du-organizes-session-on-entrepreneurship-ecosystem-in-tribal-areas/

10.23. Knowledge Dialogue Series: Webinar on 'Cross–Cultural Agility' at KSOM

KIIT School of Management (KSOM) organized a Knowledge Dialogue Series webinar on "Cross–Cultural Agility". Delivering the webinar talk, Ms. Natalie Solveig Mikhaylov, Associate Professor, Westminster International University, Tashkent and Head, Management & Marketing Department came up with her own concept of cultural agility, which states that in a group, each individual has his or her own cultural norms and values and that one must learn to tolerate and respect these norms and values in order to prevent conflict and maintain organizational unity. She went on to say how one may acquire cultural competency through connecting with people from other cultures, communicating effectively, building trust, and working well in cross-cultural occupations, tasks, and positions. She asked the participants to share examples of organizations that exercise cultural adaptability at the end of the session. The session was interactive and included an assessment activity to determine the levels of cultural competency.
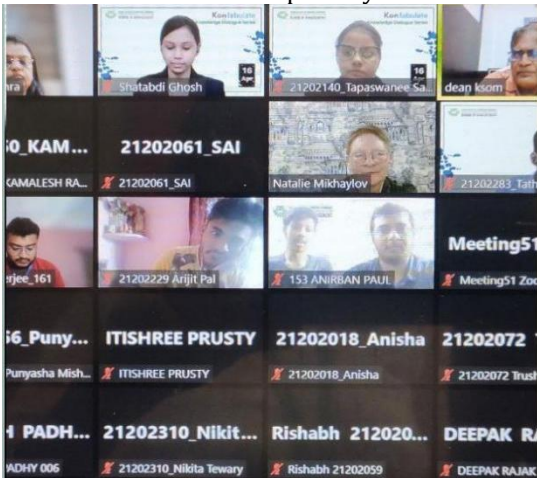
Fig. 10.16: Webinar on 'Cross–Cultural Agility' at KSOMU

https://news.kiit.ac.in/schools/ksom/knowledge-dialogue-series-webinar-on-cross-cultural-agility-at-ksom/

10.24. Webinar on 'Indigenous Youths in Institution of Higher Learning: Their Wellness, Health, and Life Skill Education'

A webinar on 'Indigenous Youths in Institution of Higher Learning: Their Wellness, Health, and Life Skill Education' was inaugurated at the School of Tribal Heritage and Tribal Indology (THTI), KIIT & KISS on 17th May 2022 in a blended mode. The three-day webinar is organized by Home Science, Psychology, and Education Programmes under the School of Tribal Heritage and Tribal Indology (THTI). Speaking at the webinar, Professor Vishala Patnam, Former Principal & Human Development Expert, CAD Consulting Maharashtra, described the journey of a human being from childhood to adulthood and the well-being of the youth. KASH (K - knowledge, Technical know-how; A - ability, ambition, assessment, action, analytical, adaption; S – simple, sophisticated, sensible, smart in solving problems and H – health, honesty, hard work, harmonious and harmless) is more important than the CASH (Money), she stated. Discussing the importance of health among indigenous youth, she highlighted the impact of the value and attitude of each individual on health.
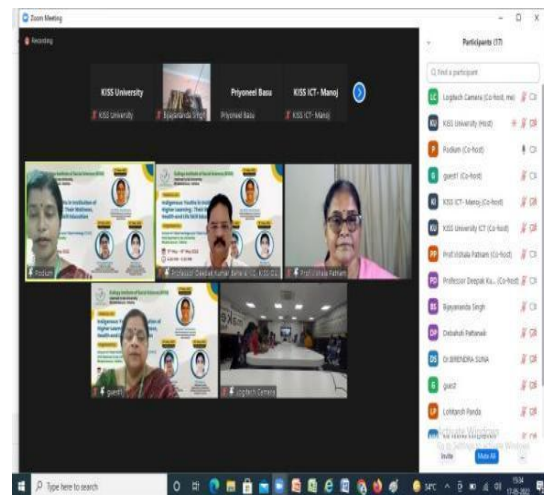
Fig. 10.17: Webinar on 'Indigenous Youths in Institution of Higher Learning: Their Wellness, Health, and Life Skill Education'

https://news.kiit.ac.in/kiss/day-2-of-webinar-on-indigenous-youths-in-institutions-of-higher-learning-their-wellness-health-and-life-skill-education/

10.25. KIIT & KISS to Become Knowledge, Logistical Hub of FIFA's 'Football for School' Initiative

The worldwide Football Governing Body FIFA has decided to give a further boost to its ties with Kalinga Institute of Social Sciences (KISS) Bhubaneswar (A sister institute of KIIT) and strengthen cooperation in the 'Football for School' programme in Odisha, besides exploring opportunities to expand it across India and South Asia. A letter of intent has been signed in this regard between Youri Djorkaeff, CEO of the FIFA Foundation, and Dr. Achyuta Samanta, Founder of KIIT & KISS. The document broadly sets out terms for both entities to commit to investigating avenues of opportunity together – particularly concerning the extension of the Football for Schools programme, which is already active across ten FIFA Member Associations, said a statement. FIFA has selected KISS as the nodal agency for the promotion of football as it was encouraged by Odisha Chief Minister Naveen Patnaik's big emphasis on promoting sports and sporting activities in the State (Odisha), the FIFA CEO said during the signing-in ceremony.In October last year, KISS announced the launch of India's first-ever FIFA Football for School Programme in association with FIFA. The latest development seeks to take the engagement between FIFA and KISS, a KIIT constituent, to a new level. According to the letter, KISS will act as knowledge hubs for Football for Schools training, and logistical hubs for Football for Schools ball distribution. Speaking at the occasion, Mr. Djorkaeff said: "It is with great pride and excitement that today we sign this letter of intent with the Kalinga Institute of Social Sciences. FIFA Foundation's Football for Schools programme was launched to positively impact the lives of 700 million children. "We are delighted today to officialise our collaboration with the FIFA Foundation, and we are looking forward to working alongside our colleagues to develop the Football for Schools programme in Odisha, as well as being able to investigate together many other development opportunities across South Asia.

"Football is the global game, and we have already seen the power it has to unite, inspire, and educate in every corner of the world through the work already done by this programme. I am certain the collaboration we have set in motion today with help enhance that further still and I welcome the opportunities it will undoubtedly bring to millions of children across the region," Dr. Samanta said in his reaction.

Fig. 10.18: KIIT & KISS to Become Knowledge, Logistical Hub of FIFA's 'Football for School' Initiative

Dr. Samanta praised Chief Minister Shri Patnaik for promoting sports in a big way in the State and being a constant source of encouragement for all sportspersons. On the other hand, Football aficionados and lovers of the game have welcomed the FIFA-KISS latest initiative and congratulated Dr. Samanta for the collaboration. "The programme is on its way to achieving that goal and is active in South America, Africa, East Asia, the Caribbean, and the Arab world. The partnership we are officialising here today is the next step on the journey in India and South Asia. I look forward to many wonderful projects – delivered with the aid of our new partners at KISS – over the coming years." KISS is the world's largest fully free residential school and university for indigenous children, with 30,000 residential students and 30,000 studying on satellite campuses. It has already provided a platform for many sportspersons with state-of-the-art facilities and has successfully produced the highest number of Olympians in Indian sports. Swiss Member of Parliament Dr. Niklaus Samuel Gugger is the Global Ambassador of KISS.

https://news.kiit.ac.in/kiss/kiss-to-become-knowledge-logistical-hub-of-fifas-football-for-school-initiative/

The more details can be found in following links

Link for Community Engagement
https://kiit.ac.in/community-engagement/

The University considers targets and goals for SDG 11 instrumental in development and growth of the nation and has been implementing several initiatives in this regards which are outline in this section.

11.1. KIIT affecting Every Aspects of Society

Though KIIT's contribution to the society at large cannot be quantified, yet KIIT has impacted every aspect of society. With the coming up of KIIT in the outskirts of the city, there has been a tremendous commercial and social growth in the area. The land price of Rs. 30,000 per acre in 1993 has now soared up to Rs. 25 crores today. A lot of shopping complexes, residential houses, hotels, restaurants have come up employing thousands and even generating huge revenue for the state. The idle youth often lured to crimes are now responsibly employed youngsters venturing out to lend their hands for the growth of the area. KIIT has employed 1000 local youth as employees in KIIT. Besides, many educational institutions have come up in the area too. The area abuzz with commercial activities has now employed thousands directly while KIIT has given direct employment to over 10,000 people and 2,00,000 people indirect employment. As a result of which the following have taken place- Business activities have gone up, New educational institutions have come up, Generating huge Employment, Reduction in crime rate in the area, Land prices and the Infrastructure cost has gone up manifold. The once deserted outskirts have now become a city within the city of Bhubaneswar.
https://kiit.ac.in/

11.2. Helping hand during COVID Pandemic 2021-22

During the pandemic situation of 2021-22, KIIT has contributed predominantly towards the society in different aspects such as Mobilizing adequate and well-directed financing– Reaching out to Good Samaritans, corporate houses, national and international organizations, KIIT and KISS has diversified work and mobilised financial and human resources for relief to the needy, distribution of hygiene products to women and girls, IEC material for wider dissemination (including in local and tribal languages) and setting up quarantine facilities and dedicated COVID-19 hospitals by utilizing the existing infrastructure facilities. In partnership with Government, needs and requirements of people are being identified and feedback loop to the government for action has been established.

https://kiit.ac.in/covid-19-news/

11.3. Development of Panchayat of District "Kandhamal, Odisha"

KIIT has taken an innovative initiative under Community Engagement Cell (CEC) to develop some parts of the aspirational district, Kandhamal and has taken 12 Panchayat from the 12 Blocks to make it a little bit more habitable and comfortable for the people in

their day to day life and employability. KIIT has been working relentlessly on this aspect now.

11.4. Development of a Rural Village "Kalarabanka, Odisha" into smart village

KIIT has converted the village Kalarabanka, situated in the district of Cuttack, 60 KM from Bhubaneswar as the only smart village in the country and the entire Panchayat (cluster of villages) has been developed into the Model Panchayat. City amenities have been created in this village and Panchayat which include High School (Residential), Nationalised Bank with Locker & ATM, Police Station, Post Office, vernacular residential school (Kalinga English Medium School), KIMS Rural Health Centre with Tele-Medicine Facility, Public Library, Public Park, Children's Park, Drinking Water Project, Concrete Road, Street Lights, Citizen Knowledge & Service Centre, etc.

Fig. 11.1: 100 bedded KIMS (medical unit of KIIT) Rural Health Centre at "Kalarabanka, Odisha"

Fig. 11.2: Residential English Medium School at "Kalarabanka, Odisha"

https://kalarabanka.org/

More activities can be found in below link: https://filedata.kiit.ac.in/events/Monthwise-activity-in-2021.pdf

11.5. Tech Talk on " IoT and Industry 4.0" at School of Electronics Engineering

School of Electronics Engineering, KIIT-DU, in association with TechBairn, has initiated a Tech Talk series on the different ideas and innovations that lay the foundation of today's industry to be hosted by professionals in their fields and the industry, as well as KIIT alumni. The first talk of the series was held on 16th January 2022 on the topic- "IoT and Industry 4.0". The speaker was Mr. Siddharth Bhatter, founder & CEO Karkhana Makerspace, CTO, Pkare innovations Pvt Ltd, and an experienced Tedx Speaker. Mr. Bhatter focused on the domains of embedded systems, IoT, and its different applications. He also discussed the importance of doing projects and the upliftment of the semiconductor industry. Techbairn, is one of the fastest-growing professional platforms in the country and has been awarded the best start-up of the country for the year 2021 by the Indian Achievers Award. It is the most promising start-up at Bhubaneswar by Start-up Talky and is going to open its chapter in KIIT. The program will include regular sessions, tech talks, webinars, live projects, internships, and much more. The 2nd session will be held on 23rd January 2022, on the topic- "Future in industry-based embedded electronics", by Mr. Sambhrant Chaubey, a senior embedded software developer at Robert Bosch.
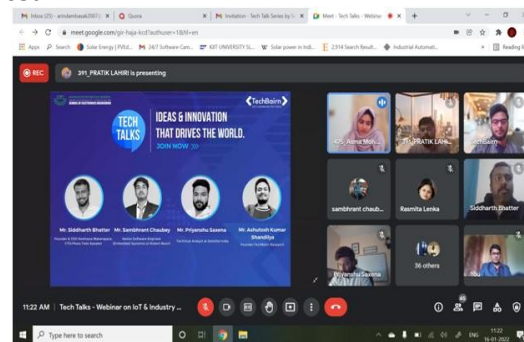

Fig. 11.3: Tech Talk on " IoT and Industry 4.0" at School of Electronics Engineering

https://news.kiit.ac.in/kiit-events/talk/tech-talk-on-iot-and-industry-4-0-at-school-of-electronics-engineering/

11.6. Webinar on "Recent Trends in Antenna Technology for Satellite Communication" at KIIT School of Electronics Engineering

The RF Microwave Research Group and IEEE Antenna Propagation Society KIIT Students' Branch jointly organized a webinar on "Recent Trends in Antenna Technology for Satellite Communication" on January 29, 2022. Dr. Milind Mahajan from ISRO discussed various satellite communication antenna technologies, including contour and shaped beam antennas, 3D printing, unfurlable antennas, and more. Dr. Sudhakar Sahu introduced the speaker. Dr. Mahajan encouraged students to intern at ISRO and use their facilities for research. He also urged faculty and students to submit proposals to ISRO HQ for funding. Around 60 participants attended from KIIT and other institutes. The event was coordinated by Dr. Sudhakar Sahu and supported by KIIT's leadership.

Fig.11.4: Webinar on "Recent Trends in Antenna Technology for Satellite Communication"

https://news.kiit.ac.in/schools/sot/electronics /webinar-on-recent-trends-in-antenna-technology-for-satellite-communication-at-kiit-school-of-electronics-engineering/

11.7. 18th International Conference on Distributed Computing and Intelligent Technology 2022 at KIIT

The 18th International Conference on Distributed Computing and Intelligent Technology 2022 took place virtually from January 19 to 23, 2022, hosted by the School of Computer Engineering, KIIT-DU. ICDCIT has been a global platform for Computer Science researchers since 2004, focused on Distributed Computing and Internet Technology. Prof. Achyuta Samanta, Founder of KIIT & KISS, initiated and supervised the conference. This edition included "Intelligent Technology" due to

the growing impact of AI across various fields. The event was inaugurated by Prof. Sasmita Samanta, Vice-Chancellor of KIIT-DU, with keynotes by experts like Prof. Hagit Attiya, Prof. Philippas Tsigas, and Prof. Roger Wattenhofer in the Distributed Computing track. In the Intelligent Technology track, Prof. Matthew E. Taylor, Prof. Michael Cashmore, and Prof. U. Deva Priyakumar delivered keynotes. The conference aimed to foster the exchange of research ideas and findings in these fields.

Fig. 11.5: 18th International Conference on Distributed Computing and Intelligent Technology 2022

https://ic3s.kiit.ac.in/18th-icdcit-2022/

11.8. E Labs Society of KIIT School of Electronics Engineering conducts Webinar on "Big Data Engineering on Cloud Platforms"

'E Labs', the peer learning society of KIIT School of Electronics Engineering, organized a webinar on "Big Data Engineering on Cloud Platforms" on February 6, 2022. The session, led by Mr. Dipankan Bandopadhyay, a fourth-year student from Electronics and Telecommunication Engineering, explored the challenges organizations face with the ever-growing data volume and variety.
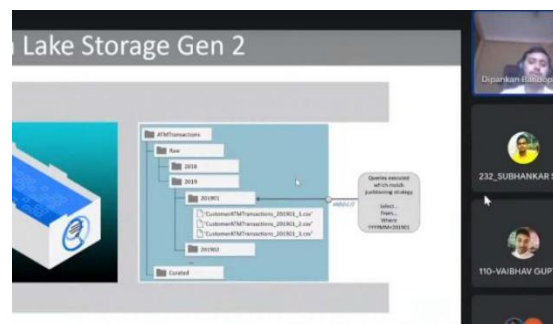

Fig. 11.6: Webinar on "Big Data Engineering on Cloud Platforms"

Mr. Bandopadhyay, a data engineering intern at AP Moller - Maersk Group, discussed processing frameworks like Spark, data pipelines, types of data workloads, and analytical tools. The webinar attracted participation from various KIIT Deemed University schools, receiving positive feedback. E Labs Society thanked Dr. N. K. Rout, Professor & Director (SRC), for his support and Mr. Dipankan Bandopadhyay for organizing the insightful session.

https://news.kiit.ac.in/schools/sot/electronics/e-labs-society-of-kiit-school-of-electronics-engineering-conducts-webinar-on-big-data-engineering-on-cloud-platforms/

11.9. Panel Discussion on Decoding Financial Bill 2022

KIIT School of Social, Financial & Human Sciences organized a joint panel discussion by the Departments of Taxation and Social Sciences & Humanities on "Decoding Financial Bill 2022". The panel featured Dr. Pravas Mishra from Oxfam India and Mr. Soham Bandhopadhya from Athena Law Associates. Dr. Mishra covered government proposals, discussing their impacts on sectors and concerns, including limited allocation to schemes like MGNREGA. Mr. Bandhopadhya focused on potential amendments in the Income Tax Act of 1961 and their implications, including crypto currency taxation and its future legalization. The session engaged students of Taxation Honors and BA stream, facilitated by Convenors Dr. Amar Kumar Mohanty and Dr. Bineet Kedia, with coordination by Dr. Snigdha Sarkar, Mr. Satya Narayan Jena, and Mr. Prateek Mishra.

Fig. 11.7: Panel Discussion on Decoding Financial Bill 2022

https://news.kiit.ac.in/kssfhs/panel-discussion-on-decoding-financial-bill-2022/

11.10. SOEE Organizes 1st International Springer Conference on Smart Technologies for Power & Green Energy

KIIT Deemed to be University's School of Electrical Engineering (SOEE) organized the 1st International Springer Conference on Smart Technologies for Power and Green Energy (STPGE-2022) virtually from February 12th to 13th, 2022. The conference was inaugurated by Prof. Adam Burakowski, H.E. Ambassador of Poland to India, along with esteemed speakers including Prof. Josep M. Guerrero, Prof. Akshay Kumar Rathore, Prof. Bijay Ketan Panigrahi, Prof. Vinod Khadkikar, and Prof. J. R. Mohanty. The event featured six keynote sessions and eight technical sessions, with talks by experts such as Ms. Michalina Seliga and Prof. Anup Kumar Panda. A total of 37 papers were presented across various tracks, chaired by experts from renowned institutes. The valedictory function was graced by Prof. Saranjit Singh, Pro Vice Chancellor of KIIT-DU.

Fig. 11.8: 1st International Springer Conference on Smart Technologies for Power & Green Energy

https://kiit.ac.in/event/1st-international-conference-on-smart-technology-for-power-and-green-energy-stpge-2022/

11.11. 1st National Construction Management Konclave at KIIT

On February 19, 2022, KIIT School of Management (KSOM) in collaboration with the School of Civil Engineering orchestrated the inauguration of National Construction Management Konclave on the theme "Emerging Management Trends in Construction Industry." This event served as a platform to explore the evolving landscape of construction

management and its pivotal role in global economic progress.

Mr. Ganesh Jirkuntwar, Sr. Executive Director of Dalmia Bharat Group, emphasized the industry's pursuit of resilience, sustainable practices, and investment attractiveness. He noted the success of his company in achieving a significantly reduced carbon footprint through environmentally friendly approaches, automation, and digitization. The event encompassed four panel discussions, engaging over 20 industry experts and academicians. Topics included Digitization of the Construction Industry and Lean Construction for Industry 4.0, fostering dynamic discussions on relevant themes. The conclave not only facilitated knowledge exchange but also offered students a unique chance to interact with prominent business figures and policymakers from across the nation. This digital gathering bridged the gap between industry professionals, academia, and students, fostering holistic learning and industry-academic collaboration.

Fig. 11.9: 1st National Construction Management Konclave at KIIT

11.12. Vigyan Sarvatra Pujyate: Week-long Science Festival Inaugurated at KiiT International School

As part of the Azadi Ka Amrit Mahotsav celebration, the 'Amrit Mahotsav Science Showcase: Roadmap to 2047' science exhibition was inaugurated at KiiT International School on February 22, 2022. The weeklong exhibition is jointly organized by DRDO, ITR, NIF, IMMT, STD (Govt. of Odisha), ORSAC, Odisha Bigyan Academy, IMA, and KIIT-TBI. The inauguration was graced by Mr. M. K. Mishra, Secretary of E&IT and Science & Technology, Govt. of Odisha; Dr. P. K. Mallick, Addl. PCCF & Chief Executive, ORSAC; Mr. K. Srinivasan, Regional Officer, CBSE, Bhubaneswar; and Dr. Achyuta Samanta,

Founder of KIIT & KISS. The event is part of the Azadi Ka Amrit Mahotsav initiative and aims to showcase scientific achievements, advancements, and innovations while looking forward to India's progress in the year 2047.

Fig. 11.10: Vigyan Sarvatra Pujyate

https://news.kiit.ac.in/kiitis/vigyan-sarvatra-pujyate-week-long-science-festival-inaugurated-at-kiit-international-school/

Fig. 11.11: National Science Day Celebrated at KIIT

https://news.kiit.ac.in/kiitnews/national-science-day-celebrated-at-kiit/

11.13. Alumni Talk Series at KIIT School of Computer Engineering

The KIIT School of Computer Engineering arranged a series of alumni talks spanning January 28 to February 5, 2022. Notable alumni speakers included Mr. Amit Jha (1998-2002 Batch), Mr. Swastik Tripathy (1998-2002 Batch), Mr. Priyaranjan Panda (2010-2014 Batch), Ms. Shivani Mishra (2016-2020 Batch), Mr. Kaustubh Dutta (2012-2016 Batch), and Mr. Nabendu Mishra (1998-2002 Batch). Mr. Amit Jha's presentation introduced Raspberry Pi, a cost-effective computer designed by the Raspberry Pi Foundation to engage students in computing activities. He showcased Raspberry

Pi projects and its application in hardware-sensor interactions, like robotics, websites, and data collection. Swastik Tripathy highlighted cloud computing's significance, discussing models, services, and its adoption by major corporations. Talks on January 29 covered studying abroad, featuring Mr. Priyaranjan Panda's journey from placements to Northeastern University, Ms. Shivani Mishra's insights on studying Big Data at the University of Liverpool, and Mr. Kaustubh Dutta's experience as an Application Developer at Nokia LLC in Canada. The alumni talks provided valuable perspectives on diverse tech-related topics, enriching students' understanding and aspirations.

Fig. 11.12: Alumni Talk Series at KIIT School of Computer Engineering

https://news.kiit.ac.in/schools/sot/computer/alumni-talk-series-at-kiit-school-of-computer-engineering/

11.14. Tech-Expo Organized by KIIT Electrical Society

The KIIT Electrical Society (KES) organized a two-day Tech-Expo on February 26th and 27th, 2022, with the theme "build Small, Think Big." KES aims to create cutting-edge electrical products and promote social and intellectual benefits. The event was inaugurated by Dr. Shyam Sundar Behura, Deputy Director, Student Services, KIIT, who encouraged participants to explore their interests and transform ideas into projects. Dr. Manoj K. Maharana and Dr. Shubhasri Kundu, Faculty Coordinators, also addressed the gathering. The Expo featured six teams showcasing projects like Hotel Automation System, Automatic Attendance System, Light Tracking Solar Panel, Emotion Detection Using Speech and Motion,

and Light-Based Room Operating System. KES Alumni connect talks were given by industry professionals, and an Industry Connect session with Mr. Shaon Kanti Bera from BHEL provided insights into the corporate world. Several innovative projects were presented, including an Anti Sleep System, Automatic Fire and Gas Leak Detection, and Controlling DC Motor with IR sensor, followed by a quiz and Q&A session.
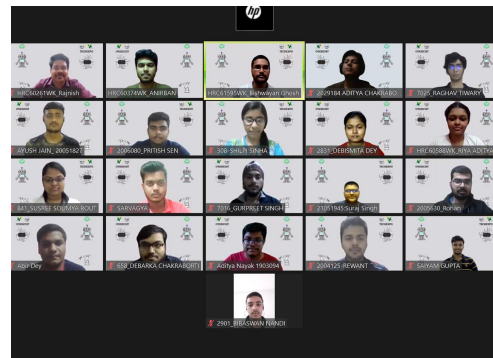
Fig. 11.13: Tech-Expo Organized by KIIT Electrical Society

https://news.kiit.ac.in/ksac/tech-expo-organized-by-kiit-electrical-society/

11.15. Celebration of "National Science Day" by KIIT School of Applied Sciences

The School of Applied Sciences, KIIT-DU, organized an online event to commemorate India's scientific journey on February 27, 2022, ahead of National Science Day. Notable attendees included Prof. J. R. Mohanty, Prof. Sudarshan Nanda, and Prof. Prasanta Rath. Eminent speakers from various scientific fields participated, such as Dr. Pabitra K. Nayak, Dr. Bibhu Ranjan Sarangi, Ms. Shraddha Narayanan, and Dr. Gopal K. Pradhan. The talks spanned material science, physics, biology, and biotechnology. Dr. Gopal K. Pradhan commenced with a lecture on Sir C V Raman's contributions. Dr. Nayak discussed perovskites and solar cells, Dr. Sarangi explored the physics of living systems, and Ms. Narayanan discussed applying scientific knowledge beyond traditional boundaries. Prof. J. R. Mohanty and Prof. S. Nanda acknowledged Sir C V Raman's legacy and thanked the speakers. The event, hosted on Zoom, was accessible to students from various institutions, alongside KIIT students and faculty. Organized by Ms. Simran Singhdeo, Ms. Anwesha Mishra, Dr. Jagnayseni Tripathy, and Dr. Jatin K. Sinha, the session

celebrated India's scientific prowess and its diverse applications.

Fig. 11.14: Celebration of "National Science Day" by KIIT School of Applied Sciences

https://news.kiit.ac.in/schools/sot/as/celebration-of-national-science-day-by-kiit-school-of-applied-sciences/

11.16. KIIT School of Computer Engineering Organizes Lecture on "Recent Applications of Machine Learning"

Dr. Partha Pratim Roy, Associate Professor at IIT Roorkee, delivered a lecture on "Recent Applications of Machine Learning" on March 12, 2022. Hosted by KIIT Deemed University's School of Computer Engineering, the lecture aimed to educate graduate and master's students, research scholars, and faculty members about the complexities of Artificial Intelligence (AI) and contemporary Decision Making techniques.

Fig. 11.15: KIIT School of Computer Engineering Organizes Lecture on "Recent Applications of Machine Learning"

Dr. Roy discussed AI's relevance in fields like robotics, computer vision, and self-driving cars. The interactive session facilitated by Dr. Pradeep Kumar Mallick, Associate Professor of the School of Computer Engineering, provided insights into the rapidly evolving AI landscape. Dr. Dipak Kumar Mohanty, Assistant Professor, hosted the event, enhancing participants' understanding of AI's real-world applications and its impact on various domains.

https://news.kiit.ac.in/schools/sot/computer/kiit-school-of-computer-engineering-organizes-lecture-on-recent-applications-of-machine-learning/

11.17. KIIT School of Computer Engineering Organizes Alumni Talk on "Sustainable Development Goals (SDGs): Transforming the IT Industry"

KIIT-DU's School of Computer Engineering conducted an Alumni Talk on March 26, 2022, featuring Mrs. Sonali Paul, a consultant at TCS and an alumna of the 1998-2002 batch. The talk titled "Sustainable Development Goals (SDGs): Transforming the IT Industry" focused on the success of SDGs in the IT sector and their relevance to IT developers. Mrs. Paul praised Prof. Achyuta Samanta, the Founder of KIIT & KISS, for his vision of achieving SDGs through green initiatives. The event was organized by B.Tech 2nd-year students, Mr. Prakhar Yadav and Miss Arpita Kushwaha, and coordinated by Dr. Satarupa Mohanty, Dr. Namita Panda, and Prof. Sital Dash. Over 70 students, faculty, and staff of the School of Computer Engineering attended the session.

Fig.11.16: KIIT School of Computer Engineering Organizes Alumni Talk

https://news.kiit.ac.in/schools/sot/computer/kiit-school-of-computer-engineering-organizes-alumni-talk/

11.18. KSOM Knowledge Dialogue Series Webinar on "Energypedia:

Energy Conservation& ISO 50001:2018 Energy Management System"

As part of KSOM's Knowledge Dialogue Series, a webinar was held on 26th March, 2022 on the topic "Energypedia: Energy Conservation & ISO 50001:2018 Energy Management System". Shri Sribatsa Panda, External Faculty, Petroleum Conservation Research Association (PCRA) was the guest speaker. Industry. ISO 50001 has been designed to support organizations in all sectors and this standard provides a practical way to improve energy use, through the development of an energy management system (EnMS). Mr. Panda gave the students everything they need to make use of ISO 50001 for an effective future. Miss Shruti Paul was the anchor for the event and Miss Riddhi Goswami the coordinator. It was arranged by the members of Matricks, the Marketing Club of KIIT School of Management. Fig. KSOM Knowledge Dialogue Series Webinar on "Energypedia: Energy Conservation& ISO 50001:2018 Energy Management System"

Fig.11.17: KSOM Knowledge Dialogue Series Webinar on "Energypedia: Energy Conservation& ISO 50001:2018 Energy Management System"

https://ksom.ac.in/energy-conservation/

11.19. KINS Organizes Guest Lecture on "Community Based Rehabilitation: New Perspectives"

Kalinga Institute of Nursing Sciences (KINS) conducted a virtual lecture on "Community Based Rehabilitation: New Perspectives" on March 26, 2022. The lecture was delivered by Dr. Kamlesh Kumari Sharma, Associate Professor at AIIMS, New Delhi. The lecture catered to postgraduate, graduate, and diploma Nursing students and faculty members. Dr. Sharma's talk shed light on disability statistics in India, the principles of community-based rehabilitation (CBR), aspects of participation,

empowerment, self-advocacy, sources of support for CBR services, as well as the components, elements, and CBR matrix. Prof. Dr. Niyati Das, Principal of KINS, welcomed the speaker and provided the keynote address. The event was organized by Mrs. Soumya Sonalika, Assistant Professor at KINS.

Fig. 11.18: KINS Organizes Guest Lecture on "Community Based Rehabilitation: New Perspectives"

https://news.kiit.ac.in/schools/school-of-nursing-sciences/kins-organizes-guest-lecture-on-community-based-rehabilitation-new-perspectives/

11.20. Academic Society, KIMS Organizes Student Seminar on Air Pollution

A student seminar on 'Air Pollution: Health hazards and prevention' was organized by the Academic Society of Kalinga Institute of Medical Sciences (KIMS) on 26th March 2022 under the guidance of Dr. Ratikanta Tripathy, Associate Professor, KIMS & Faculty Coordinator, Academic Society. Speaking on the occasion, Brig. Prof. Dr. Ambika Prasad Mohanty, Principal, KIMS praised the students for choosing an apt topic for discussion. The seminar proceeded with a presentation on 'Sources of air pollution and its burden on humanity' by Ms. Sunanda Banerjee and Ms. Swati Suchismita (2020 batch). It was followed by a presentation by Ms. Yasha and Ms. Anushka Ghosh (2019 batch) on various 'Health hazards' caused by air pollution. Mr Akashdeep Majhi (2017 batch) discussed the 'Prevention of air pollution'. Prof. Dr. Shubhransu Patro, Vice Principal, KIMS; and Dr. Nirmal Ku. Mahakud also graced the occasion. Ms. Elena Susan Shaji and Mr. B. Rishi Mukherjee from the 2020 MBBS batch anchored the event, while the vote

of thanks was proposed by Mr. B. Rishi Mukherjee (2020 batch).

Fig. 11.19: Academic Society, KIMS Organizes Student Seminar on Air Pollution

https://news.kiit.ac.in/kiit-events/seminar/academic-society-kims-organizes-student-seminar-on-air-pollution/

11.21. Knowledge Dialogue Series: Webinar on 'Cross–Cultural Agility' at KSOM

KIIT School of Management (KSOM) organized a Knowledge Dialogue Series webinar on "Cross–Cultural Agility". Delivering the webinar talk, Ms. Natalie Solveig Mikhaylov, Associate Professor, Westminster International University, Tashkent and Head, Management & Marketing Department came up with her own concept of cultural agility, which states that in a group, each individual has his or her own cultural norms and values and that one must learn to tolerate and respect these norms and values in order to prevent conflict and maintain organizational unity.
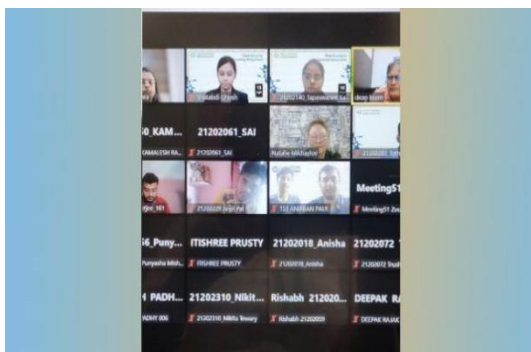
Fig. 11.20: Webinar on 'Cross–Cultural Agility'

She went on to say how one may acquire cultural competency through connecting with people from other cultures, communicating effectively, building trust, and working well in cross-cultural occupations, tasks, and positions. She asked the participants to share examples of organizations that exercise cultural adaptability at the end of the session. The session was interactive and included an assessment activity to determine the levels of cultural competency. MBA - 1 students, Ms. Shatabdi Ghosh and Ms. Annada Kumari Mishra anchored the session. The host for the event was Ms. Tapaswanee Sahoo from MBA -1. Members of Synergy, the HR Club of KSOM, put in great efforts for the event.

https://news.kiit.ac.in/schools/ksom/knowledge-dialogue-series-webinar-on-cross-cultural-agility-at-ksom/

11.22. JNU Professor Speaks at KSFH Lecture Series

Disasters not only takes away lives of the people, it also claims the livelihood of people, leaving them without their means to earn their bread", said Prof. (Dr.) Sunita Reddy, Jawaharlal Nehru University, New Delhi at KSFH Lecture Series on 25th April, 2022. KIIT School of Social, Financial & Human Science (KSFH) organizes talks by industry experts and eminent academicians regularly for perennial flow of knowledge dissemination for its students. In this backdrop, KSFH Lecture Series is organized, where various eminent persons from different walks of life come and deliver lectures. In her lecture titled "Know Disasters for No Disaster", Prof. Reddy explained the various facets involved in the study of disasters and how disasters impact the lives of the affected, by referring to her first hand research and field visits to Andaman & Nicobar Islands after the devastating Tsunami in the year 2004.

Fig. 11.21: JNU Professor Speaks at KSFH Lecture Series

From 2005 to 2010, Prof. Reddy had made extensive visits to many islands, which were affected, to study the aftermath of the disaster, the response by the Administration and the reaction of the indigenous tribal inhabitants, towards the measures taken by the administration. Prof. Reddy also put light on some of the emerging research areas for the students in the fields of Anthropology and Disasters.

https://news.kiit.ac.in/ksfh/jnu-professor-speaks-at-ksfh-lecture-series/

11.23. Guest Lecture On Autonomous Vehicles At KIIT School Of Computer Engineering

On July 16, 2022, at KIIT Deemed to be University's School of Computer Engineering, Prof. Rahul Mangharam from the University of Pennsylvania, USA, delivered an enlightening lecture titled "Balancing Performance and Safety in Autonomous Vehicles." During this lecture, he explored the intricate relationship between performance and safety in autonomous vehicles, emphasizing methods to develop highly competitive autonomous agents. Prof. Mangharam also discussed the concept of multi-domain optimization for autonomous systems, employing machine learning and reinforcement learning techniques. This presentation had a significant impact on graduate students, providing them with valuable insights and a solid foundation in the rapidly evolving fields of Machine Learning and robotics within the realm of Computer Science.

Fig. 11.22: Guest Lecture On Autonomous Vehicles At KIIT School of Computer Engineering

Dr. Pradeep Kumar Mallick and Dr. Hrudaya Kumar Tripathy, both Associate Professors at the School of Computer Engineering, played pivotal roles in coordinating this lecture, which was hosted by Prof. Banhi Sanyal, an Assistant

Professor at the same institution. Prof. Mangharam's lecture served as a valuable educational opportunity, bridging the gap between theoretical knowledge and practical applications in the realm of autonomous technology.

https://news.kiit.ac.in/schools/sot/computer/guest-lecture-on-autonomous-vehicles-at-kiit-school-of-computer-engineering/

11.24. KSOM Organizes 13th National Finance Conclave On "Financial Ecosystem and Sustainability: Emerging Trends"

KIIT School of Management (KSOM) hosted its 13th National Finance Conclave on November 12, 2022, with a central theme focused on the significance of financial sustainability in the corporate world. Dr. Sasmita Samanta, Vice Chancellor of KIIT DU, highlighted the shift in corporate agendas towards holistic societal gains, emphasizing KIIT's commitment to financial sustainability.

The conclave featured two enlightening panel discussions. The first explored the Financial Sector Outlook, emphasizing the importance of ESG (Environmental, Social, and Governance) factors in today's business landscape. The panel emphasized the need for ethical profits aligned with environmental goals.

The second panel discussed Sustainable Development, highlighting its relevance for MBA graduates and the challenges and opportunities in the green energy sector. The conclave also offered interactive workshops on diverse financial topics, fostering connections between industry professionals, academia, and students. This event served as a valuable platform for insightful discussions and learning in the finance domain.

Fig. 11.23: 13th National Finance Conclave

https://news.kiit.ac.in/kiitnews/ksom-organizes-13th-national-finance-conclave-on-financial-ecosystem-and-sustainability-emerging-trends/

11.24. KIIT Law School Conducts Seminar On 'Stock Market And Investment'

The Centre for Studies in Business and Corporate Law (KCBCL), part of the Department of Business Law and Corporate Governance at KIIT Law School, organized a Seminar on 'Stock Market and Investment' on November 22, 2022. The event featured Mr. Krishna Rath, a SEBI Registered Investment Adviser with credentials from IIM (Indore) and an Associate Fellow LOMA (USA). The seminar began with an introduction of the speaker by Ms. Aporva Sekhar, Student Coordinator of KCBCL. Prof. (Dr.) Bhavani Prasad Panda, Director of KLS and Chairperson of KCBCL, welcomed the attendees. Mr. Krishna Rath, the speaker, emphasized the importance of understanding businesses before investing, quoting Warren Buffet's advice. He discussed the significance of evaluating companies' parameters before entering the stock market. The seminar also covered topics such as Initial Public Offering (IPO) and Offer for Sale (OFS) as methods for raising finance.

Mr. Rath touched on Financial Institutional Investors and further delved into mutual funds, Exchange Traded Funds (ETFs), Equity-Linked Savings Schemes (ELSS), and derivatives, stressing their significance in investment. In summary, the seminar provided valuable insights into stock market investments, guiding attendees on the importance of research and informed decision-making in financial markets.

Fig. 11.24: KIIT Law School Conducts Seminar On 'Stock Market And Investment'

https://news.kiit.ac.in/schools/law/kiit-law-school-conducts-seminar-on-stock-market-and-investment/

The more details can be found in following links

Link for KIIT Sustainability
https://sustainability.kiit.ac.in/

Link for KIIT School of Architecture
https://kiit.ac.in/schools/architecture-planning/

Link for Community Engagement
https://kiit.ac.in/community-engagement/

Link for NSS
https://nss.kiit.ac.in/

Link for KIIT Event:
https://news.kiit.ac.in/

Link for Research
https://kiit.ac.in/research/

Link for MOUs and Research Collaboration
https://kiit.ac.in/collaborations/

Ensure sustainable consumption and production patterns

The University has adopted a number of efforts, some of which are listed below, in order to support SDG 12 on responsible consumption and production.

12.1. Biogas Development and Training Center

The Biogas Development and Training Center, which was established with the financial backing of the Ministry of New & Renewable Energy, focuses on bio-energy R&D activities and offers skill-building training courses and awareness campaigns in line with UNDP Development Goal 12 (Responsible Consumption and Production). The National Biogas Manure Management Programme guidelines as well as on-the-ground monitoring and inspection operations are implemented in the program's rural areas in the selected states (NBMMP). In addition to this, the centre is required to host staff training sessions and complete programme on the newest technical trends as they emerge.Development Goal 12 (Responsible Consumption and Production), as stated by the United Nations Development Program, is being continuously recycled in Kalinga Institute of Industrial Technology, Deemed to be University. The initiative seeks to recycle paper, plastic, non-disposable trash, and disposable waste for societal benefit and environmental protection.

https://kiit.ac.in/conservation-programs/

12.2. Water Conservation

Water is a precious resource, and we are committed to its conservation. We have implemented efficient water management systems across our institution, raised awareness about water conservation among our community, and explored innovative water-saving technologies. We strive to minimize water usage and ensure sustainable water practices. We have also invested in rainwater harvesting systems and promoted water-saving initiatives throughout our campus. We have also implemented automated water flow control systems in overhead water reservoirs to prevent water overflow.

Additionally, each campus and block has a successful liquid waste treatment process. To reduce water waste, liquid trash from campuses or buildings that employ liquid chemicals is collected separately as organic and inorganic wastes and handled accordingly. The Institute has an adequate sewage system that allows for the collection and treatment of waste water. Every month, the sewage system is checked to make sure no waste water is building up unintentionally. The cleaned water is used for plantation irrigation, gardening, and groundwater recharge.

KIIT has established Water Knowledge Centers in the University and also in different parts of the state. Furthermore, the University has established one Centre of Excellence for Water Conservation since 2009 and the faculties are working in the following areas: Hydro-Environment, Groundwater Hydrology, Ports and Coastal Engineering, Water Management and Hydro Informatics, River Hydraulics, Water and Waste Water, Geo-

spatial techniques, Soft Computing Techniques, Modeling Techniques etc.

Fig. 12.1: Liquid waste treatment plants

12.3. Energy efficiency

Energy efficiency is a key component of our sustainability strategy. We conduct regular energy audits to identify areas of improvement, implement energy-saving technologies, and educate our staff and students about energy-conscious behavior. By optimizing energy consumption across all areas of our institution, we minimize our energy footprint and reduce greenhouse gas emissions. The use of energy-efficient light sources, the use of capacitor banks to improve overall power factor and reduce electricity waste, the replacement of conventional motors with modern, high efficiency motors, the upgrading and routine maintenance of air conditioning systems for low power consumption, and the implementation of IoT-based smart lighting systems are major initiatives. The University saved 10,273,000 kWh units of energy in the year 2022. The State Government of Odisha has recognized KIIT University in the category "Educational Institute - Best Performance in the field of Energy Saving and Conservation" for our exceptional commitment to energy saving in the year 2022. The University has committed to enhance its current energy saving and conservation projects in the upcoming years.

Fig. 12.2:Odisha State Energy Conservation Award, 2022

https://news.kiit.ac.in/achievements/kiit-bags-odisha-state-energy-conservation-award-2022/

12.4. International Conference On "Recent Developments In Sustainable Infrastructure"

KIIT conducts International Conference On "Recent Developments In Sustainable Infrastructure" in every year. The Conference focuses on various themes like Green Building and Technology, Characterization of Geomaterials and Physical Modeling, Sustainable Materials, Composite and Sandwiched Structures, Computational, Analytical and Numerical Modeling, Forensic Geotechnical Engineering and Case studies, Water Resources Planning and Management, Pavement Materials, Maintenance and Management, Structural Dynamics and Structural Health Monitoring, Solid and Hazardous Waste Management, Innovative Construction Methods, Time and Cost Optimization in Project Management etc.

The objective of this conference is to bring academicians, technocrats, engineers, researchers and students to a common platform to discuss and disseminate the recent developments in research and application for sustainable Infrastructure.

https://civil.kiit.ac.in/icrdsi-2022/wp-content/uploads/2022/07/Brochure-ICRDSI-2022.pdf

12.5. Smart campus and learning facilities

All classrooms of the University are equipped with necessary ICT facilities including desktop, LAN connectivity, wi-fi high bandwidth coverage, LCD projectors, screens, mike, etc. These facilitate referring to online materials, videos, animations, subscribed research articles, presentations and demonstrations in the classrooms for the students' understanding. There are also synthetic boards and markers for the teachers. Facilities are available for the faculty members to take their laptops to the classrooms, get it connected with the LCD projectors and access subscribed articles, learning videos and e-resources in the class for ready reference. All systems are SAP based ERP system enabled to monitor and record student attendance, and share class notes. All classrooms have been designed to make them spacious and air conditioned. All classrooms and campuses are monitored 24x7 through CCTVs and fitted with biometric equipments for automatic attendance update.

A plethora of seminar halls, conference halls, open air theatres and auditoriums are available across the campus. Each school has its own School library and reading room. The Institute also has a central library with a mammoth collection of academic resources. All faculty members and students are provided with laptops with necessary operating systems, security features, SAP-ERP based interface and other academic software installed in them. The faculty members and students have access to high bandwidth wi-fi connectivity anywhere inside the Institute. The institute has fully fledged laptop/desktop servicing and repair department under the ICT cell to address any hardware/software issues a short notice. Apart from the laptops provided, different Schools also have separate computing labs with sufficient number of desktops with licensed software to carry out lab specific simulations, open ended tasks, coding assignments, projects and research work. A wide spectrum of laboratories are operational in different schools and can be broadly classified into academic and research labs. Safety protocols are strictly enforced and provisions for immediate medical attention (if needed) are available. All labs have

safety manuals, wifi access, security provisions and updates log books. Examples of research labs include those on thin film photovoltaics, materials testing, advanced manufacturing processes, etc. Central Advanced Research Center has been established in 1lakh square feet built up area and with sophisticated equipments for advanced research. Student project labs are also available in different Schools.

There are Centers of Excellence set up with support from different industries or Government agencies, namely, the CoE in Translational Research program on gastrointestinal bacteria pathogens, TBI-NIDHI Center of Excellence, SAP Center of Excellence, IBM Center of Excellence, IoT Center of Excellence, Siemens Laboratory, Center of Excellence in Robotics, Interdisciplinary Center of Energy, Center of Excellence in automotive mechatronics, National Instruments Center of Excellence, Intel Design Laboratory, MSME Center of Excellence, Boeing Center, Technology Enabling Center, Technology Transfer Office, Center of Excellence for water studies, Center of Excellence in rare earth materials, Centerof Excellence for renewable energy, Interdisciplinary research center in materials and nano-sciences, Fintech, etc.
https://kiit.ac.in/campuslife/

12.6. Energy Conservation Program

Kalinga Institute of Industrial Technology, Deemed to be University has a continuing energy conservation program aligned with the Sustainable Development Goals defined by the United Nations Development Program. The program aims to conserve natural resources by minimizing its uses in the operational activities and utilize renewable energy in this regard.

➢ Deployment of solar panels on all hostels and accommodation facilities to effectively utilize the solar power abundantly available in the region.
➢ Deployment of biofuel generation facility for transportation and cooking.
➢ Automobile society of the University has designed a solar car in line with the widely presumed future of the automobile industry globally. It is a completely electrical and electronic vehicle powered by solar energy. The car, named 'Yuva', has solar panels overhead having a power intake of 80W each. Solar panels charge four batteries, each delivering an output of around 40 Amp Hr.

"We have synchronized two BLOC hub motors with planetary gear system situated in rear wheels, each having a rating of 250W and 20AmpHr.

➢ Thin film photovoltaics lab to carry out advanced research in low cost and highly efficient systems for tapping solar power.

➢ Skill Development programs are carried out to train the rural youth for installation of solar powered facilities.

➢ Awareness programs are being carried out as a part of Institutional Social Responsibility to make the rural population aware and adept in the use of solar ovens and solar lanterns.

➢ Different activities and awareness program among students community like Guest Lecture on Need of Energy Conservation for society, workshop on "Renewable Energy Conservation for Sustainable development", Debate competition" Green building", quiz test etc have been conducted in different Schools of KIIT Deemed to be University throughout the last year.

Kalinga Institute of Industrial Technology, Deemed to be University has a continuing recycling program aligned with the Sustainable Development Goal 12 (Responsible Consumption and Production) defined by the United Nations Development Program. The program aims to recycle paper, plastic, non-decomposable and decomposable waste for benefit of the society and protection of the environment. Various initiatives are:

➢ ENACTUS' is an innovative initiative by students of KIIT to improve the quality of life in society. Under the initiative, Project SIDDHI was undertaken, which provided opportunity to the oppressed communities like transgender in and around Bhubaneswar to change their lives for the better and, in the process, also try to eliminate the use of plastic bags by replacing it with handmade paper bags. The transgenders were trained in making newspaper bags and were successful in receiving a number of orders.

➢ Composting is practiced using food wastes, used paper napkins, pads, wet garbage, etc.

➢ Electronic recycling is done by dissembling old and obsolete computer system, electronic equipments, identifying and cataloging functional subcomponents, circuits, ICs, SoCs for use in student projects.

➢ Awareness programs on electronic waste recycling are also being carried out.

KIIT Green is a bold initiative of KIIT University to control environmental pollution and to create a healthy ambience in and around 25 sq. km. area in which different campuses of KIIT are located. Over the span of 3 years, more than 100,000 saplings were planted in and around the campus. KIIT Green envisaged and implemented various pollution control plans in the campus. The University had taken up the ambitious plan of making the campus totally vehicle free. In the first phase, use of bikes, both by students and staffs, has been prohibited after putting in place an effective alternative transport arrangement. Besides mass plantation and limiting vehicular pollution, other environmentally friendly initiatives under KIIT Green included setting up new rain water harvesting and water management systems, sewerage treatment systems, biogas plants, solar water heating systems, etc in the campus.

Promoting environmentally friendly transport options is crucial for lowering carbon emissions. Biking, walking, carpooling, and using public transportation are all forms of alternative mobility that we support and encourage. We have lessened the reliance on single-occupancy automobiles and promoted a culture of sustainable mobility by providing infrastructure and incentives for these alternatives. The number of electric vehicles used by our university is growing yearly. By 2030, we want a higher proportion of people in our community to use alternate forms of transportation. One of the most important components of our sustainable mobility plan is the uptake of electric vehicles (EVs). Within our organisation, we prioritise the usage of electric fleet vehicles and make investments in EV charging infrastructure. Additionally, we inform and entice employees and students to think about EVs for their own transportation requirements.

Link for Community Engagement
https://kiit.ac.in/community-engagement/

Link for NSS
https://nss.kiit.ac.in/

Link for KIIT Event:
https://news.kiit.ac.in/

Climate change poses a real and urgent challenge, impacting KIIT University and Bhubaneswar, Odisha, India. With rising temperatures, sea-level rise, and intensified extreme weather events, climate action is imperative to mitigate adverse effects and build resilience. Bhubaneswar has experienced a temperature increase twice the global average, leading to challenges like heatwaves and reduced agricultural productivity. Coastal vulnerability due to sea-level rise threatens livelihoods and infrastructure. Intensified extreme weather events have caused flooding and damage.

To address these issues and working towards the SDG 13, KIIT University commits to reducing emissions, fostering research, education, and community engagement, and prioritizing resilience and adaptation strategies. Through sustainable practices and collaboration, we aim to inspire positive change and contribute to a more sustainable and resilient future for all.

13.1. KIIT Research on Climate Sustainability

At KIIT University, we are deeply committed to advancing research in the field of climate sustainability to tackle the pressing challenges posed by climate change. Our thrust area of research on climate sustainability encompasses a wide range of interdisciplinary studies aimed at understanding the complex dynamics of climate systems and identifying innovative solutions for a greener and more sustainable future. Through cutting-edge research initiatives, we explore topics such as climate modeling, renewable energy technologies, sustainable urban planning, biodiversity conservation, and climate policy analysis. Our goal is to generate knowledge that empowers policymakers, industries, and communities to make informed decisions and implement effective climate mitigation and adaptation strategies. By fostering collaboration among our talented researchers and partnering with global institutions, we strive to make significant contributions towards a climate-resilient and environmentally conscious world.

KIIT University's research contributions towards climate sustainability have been pivotal in advancing knowledge and finding innovative solutions to address pressing environmental challenges. From cutting-edge climate modeling to pioneering renewable energy technologies, our research endeavors are making significant strides towards building a more resilient and sustainable future for the planet.
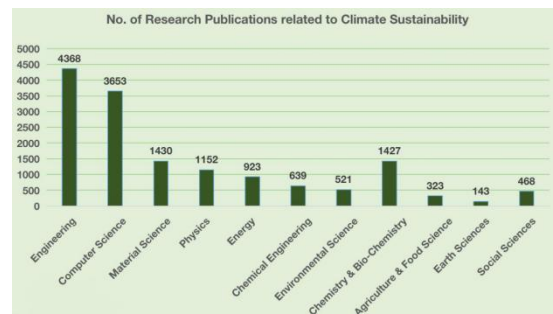
Fig. 13.1: Research outcomes in various subjects related to climate sustainability (source: scopus)

Major thrust areas of research on Climate Sustainability are Thin films and Solar Cells, Energy storage, Renewable Energy, Water Science and Technology, Power Quality, Climate Change and Agriculture, Waste Resource Engineering, Biodiversity, natural resource management and rural livelihood, Electric and Hybrid Vehicles, Sustainable Energy Systems etc.

13.2. Waste Management

We recognize the importance of responsible waste management practices. We have implemented comprehensive waste management systems, including recycling, composting, and proper disposal of hazardous materials. Our focus is on waste reduction, promoting a circular economy, and encouraging reuse and recycling initiatives. We explore innovative waste management technologies and collaborate with waste management experts to optimize our waste management practices. The University already has 4x500 kg/day capacity Bio-gas plant installed which converts organic waste into 600 cu.cm of bio-gas per day, which is used for cooking and heating purposes at the hostels. Our plan is to double our capacity by 2030.

Fig. 13.2: Organic waste based Bio-gas generation plants placed at the campus

13.3. Water Conservation

Water is a precious resource, and we are committed to its conservation. We have implemented efficient water management systems across our institution, raised awareness about water conservation among our community, and explored innovative water-saving technologies. We strive to minimize water usage and ensure sustainable water practices. We have also invested in rainwater harvesting systems and promoted water-saving initiatives throughout our campus. We have also implemented automated water flow control systems in overhead water reservoirs to prevent water overflow.

Additionally, each campus and block has a successful liquid waste treatment process. To reduce water waste, liquid trash from campuses or buildings that employ liquid chemicals is collected separately as organic and inorganic wastes and handled accordingly. The Institute has an adequate sewage system that allows for the collection and treatment of waste water. Every month, the sewage system is checked to make sure no waste water is building up unintentionally. The cleaned water is used for plantation irrigation, gardening, and groundwater recharge.

Fig. 13.3: Liquid waste treatment plants

KIIT has established Water Knowledge Centers in the University and also in different parts of the state. Furthermore, the University has established one Centre of Excellence for Water Conservation since 2009 and the faculties are working in the following areas: Hydro-Environment, Groundwater Hydrology, Ports and Coastal Engineering, Water Management and Hydro Informatics, River

Hydraulics, Water and Waste Water, Geo-spatial techniques, Soft Computing Techniques, Modeling Techniques etc.

13.4. Biodiversity and Natural Habitat Protection

Preserving and enhancing biodiversity is crucial for a sustainable future. We protect and restore natural habitats within our campus, promote sustainable land management practices, and integrate biodiversity considerations into our planning and development processes. We also engage our community in conservation efforts and support local biodiversity initiatives. Our goal is to enhance biodiversity and ensure the long-term sustainability of ecosystems within and around our campus.

Fig. 13.4: Various plantation drives held in and around KIIT

KIIT Green is a bold initiative of KIIT University to control environmental pollution and to create a healthy ambience in and around 25 sq. km. area in which different campuses of KIIT are located. Over the span of 3 years, more than 100,000 saplings were planted in and around the campus. KIIT Green envisaged and implemented various pollution control plans in the campus. The University had taken up the ambitious plan of making the campus totally vehicle free. In the first phase, use of bikes, both by students and staffs, has been prohibited after putting in place an effective alternative transport arrangement. Besides mass plantation and limiting vehicular pollution, other environmentally friendly initiatives under KIIT Green included setting up new rain water harvesting and water management systems, sewerage treatment systems, biogas plants, solar water heating systems, etc in the campus.

Fig. 13.5a: Number of saplings planted over the years along with projected numbers for the future

Fig. 13.5b: KIIT Green Campus

13.5. Energy Efficiency and Renewable Energy

Energy efficiency is a key component of our sustainability strategy. We conduct regular energy audits to identify areas of improvement, implement energy-saving technologies, and educate our staff and students about energy-conscious behavior. By optimizing energy consumption across all areas of our institution, we minimize our energy footprint and reduce

greenhouse gas emissions. The use of energy-efficient light sources, the use of capacitor banks to improve overall power factor and reduce electricity waste, the replacement of conventional motors with modern, high efficiency motors, the upgrading and routine maintenance of air conditioning systems for low power consumption, and the implementation of IoT-based smart lighting systems are major initiatives. The University saved 10,273,000 kWh units of energy in the year 2022. The State Government of Odisha has recognized KIIT University in the category "Educational Institute - Best Performance in the field of Energy Saving and Conservation" for our exceptional commitment to energy saving in the year 2022. The University has committed to enhance its current energy saving and conservation projects in the upcoming years.

Fig. 13.6: Odisha State Energy Conservation Award, 2022

https://news.kiit.ac.in/achievements/kiit-bags-odisha-state-energy-conservation-award-2022/

We are committed to increasing our use of renewable energy sources. We explored opportunities to install on-site renewable energy systems, such as solar panels or wind turbines, and actively seek partnerships with local renewable energy providers. Our goal is to make a transition to a sustainable energy mix and reduce dependence on fossil fuels. By increasing the share of renewable energy in our energy supply, we will contribute to our goal of reaching carbon neutrality by 2050. In the last 5 years, the total energy generation through our solar PV systems is 4782151 kWh. Our plan is to incorporate other types of renewable sources such as from Wind Power, Fuel Cells, etc. The University intends to procure more

power from utilities sourcing renewable power than fossil fuels.
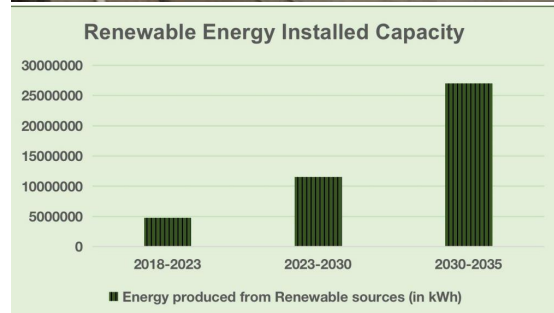
Fig. 13.7: Evolution and projection of installed capacity (in kWh) of Renewable Energy at KIIT

https://sustainability.kiit.ac.in/?page_id=190

13.6. Sustainable Transportation

Promoting environmentally friendly transport options is crucial for lowering carbon emissions. Biking, walking, carpooling, and using public transportation are all forms of alternative mobility that we support and encourage. We have lessened the reliance on single-occupancy automobiles and promoted a culture of sustainable mobility by providing infrastructure and incentives for these alternatives. The number of electric vehicles used by our university is growing yearly. By 2030, we want a higher proportion of people in our community to use alternate forms of

transportation. One of the most important components of our sustainable mobility plan is the uptake of electric vehicles (EVs). Within our organisation, we prioritise the usage of electric fleet vehicles and make investments in EV charging infrastructure. Additionally, we inform and entice employees and students to think about EVs for their own transportation requirements. By encouraging EV adoption, we hope to lower transportation-related carbon emissions and get closer to our objective of becoming carbon neutral. Green vehicles (powered by solar energy and an electric battery) have been built by the University's automobile society and the KIIT student research centre for use in campus transportation and for conducting green vehicle research. Our goal is to have 70% of our fleet battery operated by 2030.

Fig. 13.8: KIIT offers battery-operated shuttle services for intra-university transport
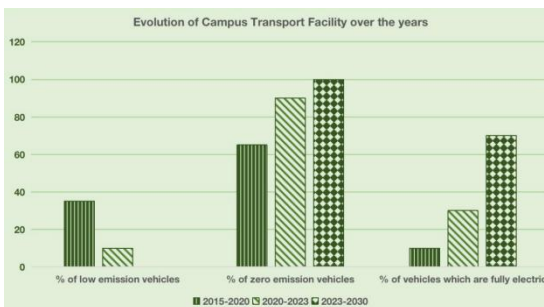
Fig. 13.9: Evolution and projection of our transport system

13.7. Education and Awareness

KIIT's motto "Education for All" aims to eradicate poverty through education, enabling people to invest in a better quality of life and contribute to climate action. By providing skills and knowledge to disadvantaged individuals, KIIT breaks the cycle of poverty and fosters sustainable practices. Through awareness and research, the institutionpromotes environmentally conscious citizens and advocates for policy changes. Education empowers women, leading to better family planning and lower population growth, positively impacting resource consumption and climate change. KIIT's commitment to education plays a crucial role in creating a more sustainable and equitable world. We have incorporated sustainability concepts and education about climate change into our curriculum, training courses, and workshops in order to make a long-lasting impact. We have given our students, employees, and teachers the knowledge and skills they need to contribute to a sustainable future, and we will keep doing so. 'Environmental Science' is offered as a mandatory course for all the students of the University to emphasize the rising issues of pollution and its effect on climate. On top of that, our University's varied programmes currently offer 51 courses on sustainability and climate change, and we aim to grow that number to 100 courses by 2030. Along with organising seminars, conferences, and guest lectures from sustainability professionals, we also work with other partners to improve the educational possibilities related to sustainability.

It is crucial to involve our community in sustainability initiatives. Every year, we run more than 150 sustainability-related awareness initiatives to inform and motivate our academics, staff, and students and we want to increase it to 300 by 2030.
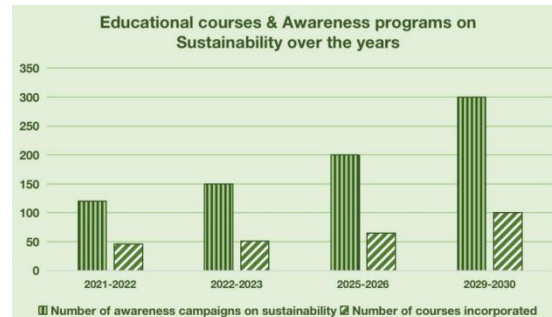
Fig. 13.10: Evolution and projection of of Educational Courses and awareness programs

These efforts concentrate on increasing public knowledge of sustainability issues, the SDGs of the UN, climate action, and personal accountability. We promote a sense of common purpose and promote sustainable practises through these projects. We also honour the accomplishments of people and teams bringing

about good change while celebrating sustainability milestones.

Collaboration and Partnerships

Engaging stakeholders is essential for the success of our sustainability initiatives. We actively involve our students, staff, faculty, alumni, and local community in decision-making processes and seek their input and feedback. Regular dialogue and collaboration ensures that our sustainability efforts align with the needs and aspirations of our stakeholders. We establish sustainability committees and forums to facilitate stakeholder engagement and promote co-creation of sustainability solutions.

We are aware of how effective collaborations can be in bringing about positive change. To share best practises, make the most of resources, and work together to address climate change and sustainability concerns, we are looking to collaborate with local and international organisations, research institutes, industries, and governmental agencies. Through these collaborations, we are able to influence more people outside of our school. In order to support worldwide efforts for a sustainable future, we actively participate in regional and international sustainability networks and initiatives. By 2030, we want to treble the number of alliances we have with academic institutions, scientific research facilities, and commercial enterprises.

13.8. Alumni Engagement and Collaboration

KIIT University, a renowned educational institution in India, has produced a multitude of exceptional graduates who have gone on to make significant contributions in various fields. Among these fields, one area stands out as crucial to the future of humanity and our planet - climate sustainability. The alumni of KIIT University have emerged as champions in the global fight against climate change, demonstrating their commitment to environmental preservation through innovative solutions, impactful initiatives, and policy advocacy. A significant percentage, approximately 35%-45%, of KIIT's alumni, are actively engaged in addressing Climate Sustainability across diverse fields.

Climate-conscious Entrepreneurship: A remarkable aspect of KIIT University's alumni community is the number of entrepreneurs who have embraced climate-conscious business practices. These forwardthinking graduates have launched startups and companies that prioritize sustainability and eco-friendliness. By incorporating renewable energy, sustainable supply chains, and waste reduction measures, they are setting new standards for the business world. Not only are they proving that profitability and environmental responsibility can go hand in hand, but they also serve as inspiring examples for other aspiring entrepreneurs to follow suit.

Research and Innovation: Several KIIT alumni have made their mark in the field of environmental research and innovation. These individuals have been at the forefront of developing cutting-edge technologies to combat climate change. From renewable energy advancements and green materials to carbon capture and storage solutions, their research has played a pivotal role in shaping a more sustainable future. Moreover, their contributions have been recognized by prestigious institutions and organizations worldwide, further promoting the institution's commitment to climate sustainability.

Global Advocacy and Leadership: Many KIIT graduates have taken up leadership positions in international environmental organizations and governmental bodies. Their roles involve formulating and implementing climate policies, advocating for green initiatives, and negotiating international agreements to address climate challenges. The alumni's dedication to creating a healthier planet through policy and diplomatic means is evident, as they work tirelessly to mobilize global efforts and foster cooperation between nations.

Social and Community Initiatives: The impact of KIIT alumni in climate sustainability extends beyond the professional realm. Numerous graduates have initiated grassroots projects and community-based efforts to raise awareness about environmental issues and drive positive change at the local level. These initiatives range from tree-planting campaigns and waste management drives to education programs on sustainable practices. By actively engaging with communities, the alumni have demonstrated their commitment to nurturing a culture of environmental consciousness and empoweringthe public to take action.

Climate Education and Awareness: KIIT alumni have also made significant contributions in the realm of climate education

and awareness. Through public lectures, workshops, and online platforms, they have been instrumental in disseminating accurate information about climate change and its impact on the world. By fostering environmental literacy, these individuals are empowering people to make informed decisions and adopt sustainable practices in their daily lives, thereby multiplying the collective efforts to combat climate change.

The alumni of KIIT University have truly emerged as influential change-makers in the global fight for climate sustainability. Through their entrepreneurship, research, advocacy, community initiatives, and educational endeavors, they have contributed significantly to shaping a greener, more sustainable world. Their efforts serve as an inspiring testament to the institution's commitment to fostering socially responsible and environmentally conscious individuals. As KIIT University continues to produce exceptional graduates, it is certain that their commitment to climate sustainability will remain at the forefront of their endeavors, further advancing the cause and leading humanity towards a more sustainable and resilient future.

13.9. Monitoring and Reporting

We are committed to monitoring our sustainability progress. We have established clear metrics and targets to measure our performance, regularly assessing our sustainability initiatives, and identifying areas for improvement. By tracking our progress, we ensure accountability and make informed decisions for future actions. We regularly review and update our targets to align with evolving best practices and scientific recommendations.

We have implemented IoT enabled Smart Environment Monitoring systems in and around the University campus. KIIT aimed to implement a Smart Sensors system for continuously monitoring air, soil, and water quality within their large campuses. The system utilizes a variety of sensors to measure parameters such as PM 2.5, PM 10, CO, CO2, NO, NO2, SO2, O3, Temperature, Humidity, Soil Moisture, NPK (Nitrogen, Phosphorous, Potassium), pH, TDS, Turbidity, and Iron levels. Sensors are strategically placed, and data is integrated into a centralized platform to calculate the Air Quality Index (AQI) and provide real-time monitoring, generating alerts

if parameters exceeded set thresholds. Regular maintenance, calibration, and awareness campaigns are conducted to ensure accurate and reliable data, enabling KIIT to take proactive measures in preserving a healthy environment for its campus community.

Fig. 13.11: Soil Quality Monitoring Sensors

Fig. 13.12: Water Quality Monitoring Sensors

Fig. 13.13: Air Quality Monitoring Sensors

Fig. 13.14: Environment Monitoring systems displaying real-time data
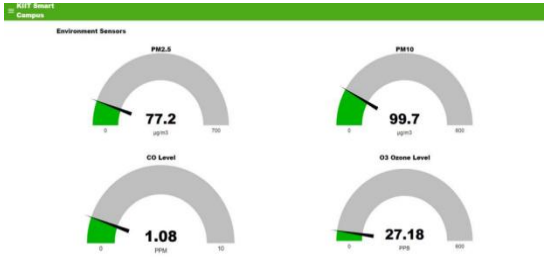
Fig. 13.15: Environment monitoring data displayed on web in real-time

Fig. 13.16: Seminar on Waste Utilization in Cement and Concrete Industry

https://news.kiit.ac.in/kiit-events/seminar/seminar- on-waste-utilization-in-cement-and-concrete-industry- at- kiit/

Transparency is fundamental to our sustainability efforts. We provide regular updates on our sustainability performance, progress, and achievements to our stakeholders through public reports, websites, and other communication channels. We communicate our challenges, successes, and lessons learned, enabling our stakeholders to hold us accountable and engage in meaningful dialogue. We also participate in sustainability reporting frameworks and share our data and experiences to contribute to bench-marking and knowledge sharing.

13.10. Seminar on "Waste Utilization in Cement and Concrete Industry" at KIIT

A collaborative seminar titled "Waste Utilization in Cement and Concrete Industry" was successfully organized by KIIT School of Mechanical Engineering and KIIT School of Civil Engineering, in partnership with the National Council for Cement and Building Materials (NCCBM), Ballabgarh. The seminar took place on March 21, 2022, in a hybrid format. The event aimed to foster joint research endeavors between NCCBM and KIIT Deemed to be University, specifically in the domain of waste utilization.

Eminent speakers from industries such as Dalmia Cement, NTPC, JSW Steel, and Hindalco shared insights during technical sessions chaired by experts from KIIT and NCCBM. Topics ranged from waste generation in industries to innovative utilization techniques in cement and concrete production. The seminar effectively fostered knowledge exchange and collaboration towards sustainable waste management and efficient resource utilization in the cement and concrete sector.

13.11. KIIT-KISS Organizes Webinar on 'The Mahi Estuary:Hydrodynamics & Pollution Distribution'

The School of Indigenous Knowledge Science and Technology (IKST) Mathematics Programme at KISS hosted a webinar on April 9, 2022, titled 'The Mahi Estuary: Hydrodynamics and Pollution Distribution.' Dr. Satyananda Panda from NIT Calicut led the discussion, explaining the factors influencing pollutant distribution in the Gulf of Khambhat and estuaries. He detailed the use of shallow water equations and turbulent friction models to represent tidal movements, simplifying complex concepts for the audience. Dr. Panda emphasized solving coupled partial differential equations to describe wave elevation and velocity, utilizing physical data from the Gulf. The webinar showcased the application of mathematics in understanding pollution transfer within the Gulf, with Prof. Deepak Kumar Behera of KISS, highlighting the institution's noble goals.

Fig. 13.17: Webinar on 'The Mahi Estuary: Hydrodynamics & Pollution Distribution'

HOD of Electrical Department at NALCO, Angul, discussed mining technology and smart mining systems, sparking interest among 4th-semester electrical students and faculty for research opportunities. The session included an engaging Q&A. Dr. Pampa Sinha, Assistant Professor, coordinated the event, and Dr. Sarita Samal, also an Assistant Professor, delivered the vote of thanks.

Fig. 13.20: Webinar on Sustainable Mining at KIIT School of Electrical Engineering

https://electrical.kiit.ac.in/webinar/#iLightbox[gallery_image_1]/1

13.15.   KIIT   Celebrates   World Environment Day-2022

Hon'ble Mr. Justice Sanjeeb Kumar Panigrahi, Judge, High Court of Orissa called upon law students and young lawyers to be socially responsible citizens having sensitivity towards the environment. World Environment Day is celebrated every year on the 5th of June under the aegis of the United Nations to sensitize, encourage awareness, and lay down actions for the protection of the environment. This year's theme of the celebration is "Living Sustainably in Harmony with Nature".
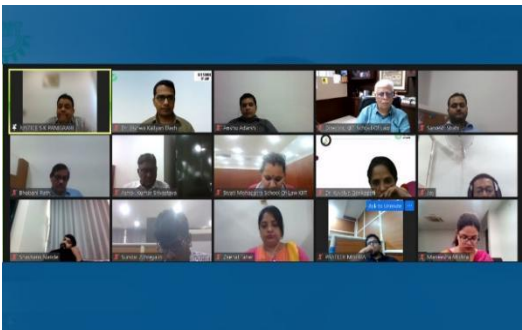
Fig. 13.21: World Environment Day-2022

https://news.kiit.ac.in/schools/law/kiit-law-school-celebrates-world-environment-day-2022

13.16. KIIT School of Mechanical Engineering Organizes Seminar Talk on "Energy, Climate Change & I"

Professor Chetan Singh Solanki from IIT Bombay, known as Solar Gandhi, initiated the "Energy Swaraj Yatra" movement in November 2020 to promote 100% adoption of solar energy. The yatra, starting from Mumbai, reached Bhubaneswar after traversing eleven states. His 'solar bus' is equipped with 3.2 kW solar panels, 6 kWh battery storage, and a 3 KVA inverter, powering all appliances inside. A seminar at KIIT Deemed to be University on June 1, 2022, highlighted his ideas on "Energy, Climate Change, and I." Prof. Solanki emphasized a three-step approach to shift fully to solar energy: "avoid, minimize, generate." He urged energy avoidance, efficient appliance use, and local energy generation. Faculty, staff, and students visited his solar bus, where he's lived and traveled for two years, aiming to continue until 2030.

Fig. 13.22: KIIT School of Mechanical Engineering Organizes Seminar Talk on "Energy, Climate Change & I"

https://news.kiit.ac.in/schools/sot/mechanical/kiit-school-of-mechanical-engineering-organizes-seminar-talk-on-energy-climate-change-i

13.17. KIIT-KISS Organizes Invited Lecture On 'Conserving Nature: Compulsion As Choice'

An Invited Lecture on "Conserving Nature: Compulsion as Choice" was jointly organized by the School of Tribal Resource Management and the Centre for Indigenous Innovation and Entrepreneurship at KISS on July 28, 2022, in honor of World Nature Conservation Day. Dr. Rabi Narayan Patra, a Professor at the Council of Analytical Studies, delivered the lecture, focusing on reducing plastic use. Attendees included students, scholars, faculty members,

and KISS officials. Dr. Patra stressed the importance of preserving the environment and preventing species extinction. He differentiated conservation from protection, advocating for the "Reduce, Reuse, Recycle" approach..

Fig. 13.23:Invited Lecture On 'Conserving Nature: Compulsion As Choice'

https://university.kiss.ac.in/posts/kiss-du-organizes-invited-lecture-on-conserving-nature-compulsion-as-choice/

13.18. KIIT School Of Electrical Engineering Organizes Lecture On "Energy Security And Environmental Wellness"

A guest lecture on "Energy Security and Environmental Wellness-India's Lens" was organized by the School of Electrical Engineering and School of Civil Engineering, KIIT Deemed to be University on 4th August 2022. In his lecture, Dr. Sanath Kumar Saha, Professor, Rani Rashmoni Green University, West Bengal presented the recent and future effects of climate change on the world and gave a clear picture on the natural calamities. He also demonstrated the real impact of pollution. A total of 89 participants attended the talk.

Fig. 13.24:Lecture On "Energy Security And Environmental Wellness"

https://news.kiit.ac.in/schools/sot/electrical/kiit-school-of-electrical-engineering-organizes-lecture-on-energy-security-and-environmental-wellness/

13.19. Lecture on "The Challenge for Sustainability Zero Emission" at KIIT

Dr. R. K. Mishra, Scientist & Regional Director, Regional Centre for Military Airworthiness, DRDO Bangalore, delivered a lecture on "The Challenge for Sustainability and Zero Emission" under the Colloquium Lecture Series of Academic Year 2022-23 organized by KIIT School of Mechanical Engineering on 3rd September, 2022. Dr. Mishra, who has expertise in Thermal Engineering, expressed concern over global warming and pointed out some of the reasons for it. He also suggested the path to make the planet healthy for future generations by following some simple emission regulations. He explained ways to achieve zero emission. Professor Bharat Chandra Routara, Dean, SME proposed the vote of thanks. Dr. Spandan Guha, Coordinator, 'Colloquium Lecture' Series moderated the interaction session which followed the talk.
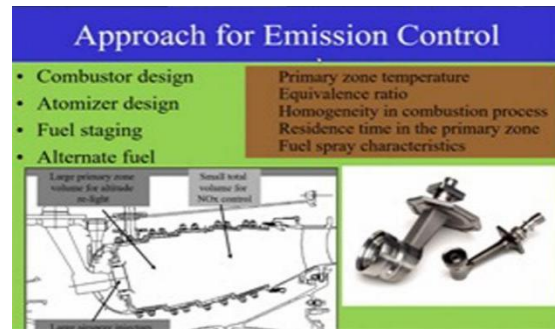
Fig. 13.25:The Challenge for Sustainability Zero Emission

https://news.kiit.ac.in/schools/sot/mechanical/lecture-on-the-challenge-for-sustainability-zero-emissionat-kiit/

13.20. MD Of Core CarbonX Visits KSFH

On September 13, 2022, Mr. Niroj Mohanty, the Managing Director of Core CarbonX, paid a visit to KIIT School of Social, Financial & Human Sciences (KSFH) with a focus on fostering collaboration and value creation for the local community. Core CarbonX, a global climate and sustainability consulting firm headquartered in Hyderabad, operates in 12 countries, offering

expert services in Climate Change Mitigation, Sustainability, and Non-Renewable Waste Management. During his visit, Mr. Mohanty engaged in discussions with Prof. (Dr.) Jayanta Kumar Parida, the Director of KSFH, exploring various avenues for partnership and collaboration. He commended the efforts of Prof. Achyuta Samanta, the Founder of KIIT & KISS, in transforming the lives of numerous students through education. Mr. Mohanty brings to the table more than seventeen years of experience in project development and financing, focusing on climate change mitigation/adaptation, biodiversity, natural resource management, and renewable energy. His work involves crafting solutions that significantly reduce carbon footprints and address climate change challenges at the grassroots level.

https://news.kiit.ac.in/ksfh/md-of-core-carbonx-visits-ksfh/

13.21. KIIT Researchers Develop Electromagnetic Shielding Material From Industrial Waste

A group of researchers from Nano Sensor Lab, School of Applied Sciences, KIIT-DU, the University of Manchester, UK, and Gandhi University, Kerala, have developed an effective electromagnetic shielding material. They utilized hazardous industrial waste, classified as red mud, to create a high-performance shielding material to counter the growing issue of electromagnetic pollution caused by mobile towers and advanced communication systems. This research achieved a remarkable electromagnetic shielding effectiveness of 83.4 dB using red mud in a polymer matrix with a thickness of 2 mm, setting a world record for shielding efficiency. The study, titled "Utilization of hazardous red mud in silicone rubber/MWCNT nanocomposites for high-performance electromagnetic interference shielding," was published in the Journal of Cleaner Production with an impact factor of 11.072. This innovative approach not only addresses electromagnetic pollution, which poses health risks and damages electronic devices, but also demonstrates the potential of repurposing hazardous industrial waste as an effective electromagnetic shielding material. The research contributes to both environmental sustainability and technological advancement

by transforming waste into a valuable resource for combating a modern-day problem.

https://news.kiit.ac.in/schools/sot/as/kiit-researchers-develop-electromagnetic-shielding-material-from-industrial-waste/

13.22. KIIT Organizes 1st International Springer Conference on Smart Technologies for Power & Green Energy

The School of Electrical Engineering (SOEE) at KIIT Deemed to be University, Bhubaneswar, made a significant stride in the field of technology with the organization of the 1st International Springer Conference on Smart Technologies for Power and Green Energy (STPGE-2022). Held virtually from February 12th to 13th, 2022, this conference attracted notable dignitaries.

The inauguration, graced by Prof. Adam Burakowski, Ambassador of the Republic of Poland to several countries, and luminaries like Prof. Josep M. Guerrero, Prof. Akshay Kumar Rathore, Prof. Bijay Ketan Panigrahi, Prof. Vinod Khadkikar, and others, set the tone for the event. Six keynote sessions and eight technical sessions featuring experts from around the world marked the conference's academic vigor.

The technical sessions covered diverse tracks, including Power Systems, Power Electronics, and Smart Technologies. A total of 37 papers were presented under the guidance of distinguished chairs from renowned institutions. The valedictory function, graced by Prof. Saranjit Singh, Pro Vice Chancellor of KIIT-DU, added a grand finale to this international gathering of minds and ideas.

https://kiit.ac.in/event/1st-international-conference-on-smart-technology-for-power-and-green-energy-stpge-2022/

More details can be found

Link for KIIT Sustainability
https://sustainability.kiit.ac.in/

Link for Community Engagement
https://kiit.ac.in/community-engagement/

14 LIFE BELOW WATER

Conserve and sustainably use the oceans, seas and marine resources for sustainable development

KIIT University has undertaken several measures towards addressing the targets SDG 14 as outline below:

14.1. Study the ecosystems of Chilka Lake

The Chilika Development Authority (CDA) has initiated a series of long-term research studies sponsored by the World Bank under the Integrated Coastal Zone Management project, with a focus on protecting lake genetic diversity and promoting sustainable use of bio-resources. One of these studies is dedicated to the examination of microbial communities and bio-prospecting within the Chilika Lagoon.
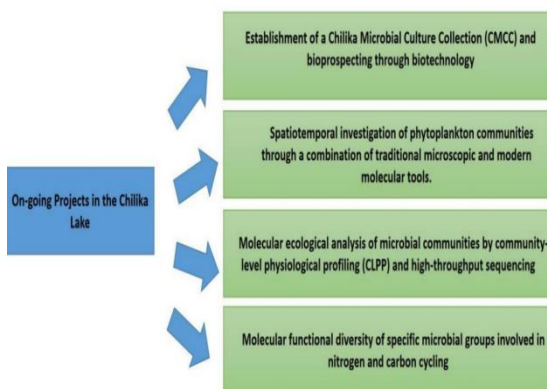
Fig. 14.1: Study of microbial communities in the Chilika Lagoon in collaboration with KIIT Biotechnology School

Collaborating with the KIIT School of Biotechnology, CDA has adopted a systematic approach to culture and characterize bacteria from various sectors of the lake. The study also involves documenting and conserving bacterial resources, studying the spatial and temporal dynamics of bacterial communities in relation to nutrient cycling, and isolating novel bacteria and enzymes with potential applications in biotechnology industries. Additionally, the research includes monitoring pollution and fecal indicator bacteria to better understand the lake's ecological health and support effective conservation efforts.

14.2. Cleanliness drive along the beaches

The University worked on conservation of ecosystem in coastal regions in the state of Odisha along with several cleanliness drive along the beaches.Awareness camps were organized to spread the need for sustainable ecosystem in coastal areas. Initiatives are underway to reduce pollution/debris from coastal areas and sea water near to the beaches.

14.3. Initiatives towards SDG 14

➢ Rain water harvesting facilities have been incorporated in different hostels and academic buildings.
➢ Automated water flow control system has been incorporated in overhead water reservoirs and tanks to prevent water overflow.
➢ Sewerage treatment plants have been installed in different campuses for water treatment.
➢ Center of Excellence for Water conservation is underway.

➤ Mass awareness programs have been carried out by the Water conservation team team to create awareness among the city people on preventing water misuse.

14.4. IT on Persian Gulf wind and wave forecasting system

KIIT Ocean Engineering Research Group has done the Performance assessment of a Persian Gulf wind and wave forecasting system. Wind and wave forecasting models in the Persian Gulf were evaluated using data from three satellites (JASON2, CRYOSAT, and SARAL/AltiKa) and two buoys. First, satellite data quality was compared to buoy data. All three satellites' wind speed data were close to in situ observations; SARAL/AltiKa data provided the best comparisons for wave heights. Model forecasts and buoy data showed 0.72–0.86 correlation for wind speeds and 0.85–0.94 for wave heights.

https://www.tandfonline.com/doi/full/10.1080/1755876X.2021.2024949

14.5. Water Knowedge Centres

KIIT has established Water Knowledge Centres in the University and also in different parts of the state. KIIT has adopted 5 Panchayats of Kandhamal district, one of the aspiring districts of India, to make the villages 'Tankermukta'. The University has started working with all the colleagues and students particularly the NSS volunteers and some faculty researchers working in the field of water to make those villages 'Tankermukta.

Furthermore, the University has established one Centre of Excellence for Water Conservation since 2009 and the faculties are working in the following areas: Hydro Environment, Groundwater Hydrology, Ports and Coastal Engineering, Water Management and Hydro Informatics, River Hydraulics, Water and Waste Water, Geospatial techniques, Soft Computing Techniques, Modeling Techniques etc.

14.6. KIIT-KISS Organizes Webinar on 'The Mahi Estuary: Hydrodynamics & Pollution Distribution'

The School of Indigenous Knowledge Science and Technology (IKST) Mathematics Programme at KIIT-KISS hosted a webinar on April 9, 2022, titled 'The Mahi Estuary: Hydrodynamics and Pollution Distribution.' Dr. Satyananda Panda from NIT Calicut led the discussion, explaining the factors influencing pollutant distribution in the Gulf of Khambhat and estuaries. He detailed the use of shallow water equations and turbulent friction models to represent tidal movements, simplifying complex concepts for the audience. Dr. Panda emphasized solving coupled partial differential equations to describe wave elevation and velocity, utilizing physical data from the Gulf. The webinar showcased the application of mathematics in understanding pollution transfer within the Gulf, with Prof. Deepak Kumar Behera, KISS, highlighting the institution's noble goals. Dr. Pankajini Tripathy coordinated the session, which featured an engaging Q&A and was moderated by Dr. Sushant Mohapatra. Dr. Jasobanta Das, Dean of the School of IKST, expressed gratitude in closing.
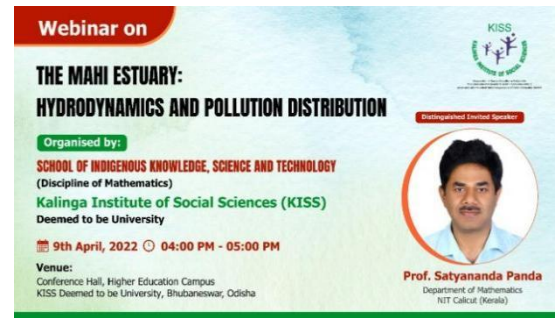
Fig. 14.2: KIIT-KISS Organizes Webinar on 'The Mahi Estuary: Hydrodynamics & Pollution Distribution'

https://university.kiss.ac.in/wp-content/uploads/2022/04/Event_Flyer-1.jpg

14.7. KIIT Law School Celebrates World Environment Day-2022

Hon'ble Mr. Justice Sanjeeb Kumar Panigrahi, Judge, High Court of Orissa called upon law students and young lawyers to be socially responsible citizens having sensitivity towards the environment. World Environment Day is celebrated every year on the 5th of June under the aegis of the United Nations to sensitize, encourage awareness, and lay down actions for the protection of the environment. This year's theme of the celebration is "Living Sustainably in Harmony with Nature". Justice Panigrahi not only showcased the whole ethos of environmentalism, but also the judicial

approach that has shaped the discourse for us as of now. Though development and environment are poles apart, a harmonious union between the two is the need of the hour, he stated. And, being curators of future lawyers, it is our onerous responsibility to instill the mindset for coordinated action, he added. The session was coordinated under the patronage of Prof. (Dr.) Bhabani Prasad Panda, Director, KLS, and overall coordination of the event was done by Dr. Bishwa Kallyan Dash, Asst. Prof. (II), KLS.

Fig. 14.3: World Environment Day-2022

https://news.kiit.ac.in/schools/law/kiit-law-school-celebrates-world-environment-day-2022

14.8. KIIT School of Mechanical Engineering Organizes Seminar Talk on "Energy, Climate Change & I"

Professor Chetan Singh Solanki from IIT Bombay, known as Solar Gandhi, initiated the "Energy Swaraj Yatra" movement in November 2020 to promote 100% adoption of solar energy. The yatra, starting from Mumbai, reached Bhubaneswar after traversing eleven states. His 'solar bus' is equipped with 3.2 kW solar panels, 6 kWh battery storage, and a 3 KVA inverter, powering all appliances inside. A seminar at KIIT Deemed to be University on June 1, 2022, highlighted his ideas on "Energy, Climate Change, and I." Prof. Solanki emphasized a three-step approach to shift fully to solar energy: "avoid, minimize, generate." He urged energy avoidance, efficient appliance use, and local energy generation. Faculty, staff, and students visited his solar bus, where he's lived and traveled for two years, aiming to continue until 2030. The event was coordinated by Dr. Bijaya Bijeta Nayak, Dr. Sasmita Sahu, and Prof. Smaranika Nayak.

Fig. 14.4: KIIT School of Mechanical Engineering Organizes Seminar Talk on "Energy, Climate Change & I"

https://news.kiit.ac.in/schools/sot/mechanical/kiit-school-of-mechanical-engineering-organizes-seminar-talk-on-energy-climate-change-i/

14.9. KIIT-KISS Organizes Invited Lecture On 'Conserving Nature: Compulsion As Choice'

An Invited Lecture on "Conserving Nature: Compulsion as Choice" was jointly organized by the School of Tribal Resource Management and the Centre for Indigenous Innovation and Entrepreneurship at KISS on July 28, 2022, in honor of World Nature Conservation Day. Dr. Rabi Narayan Patra, a Professor at the Council of Analytical Studies, delivered the lecture, focusing on reducing plastic use. Attendees included students, scholars, faculty members, and KISS officials. Dr. Patra stressed the importance of preserving the environment and preventing species extinction. He differentiated conservation from protection, advocating for the "Reduce, Reuse, Recycle" approach. The event, coordinated by Dr. Sanjeeta Kumari Devi, aimed to promote nature conservation and responsibility, with contributions from other KISS dignitaries.

Fig. 14.5: Invited Lecture On 'Conserving Nature: Compulsion As Choice'

14.10. KIIT School Of Electrical Engineering Organizes Lecture On "Energy Security And Environmental Wellness"

A guest lecture on "Energy Security and Environmental Wellness-India's Lens" was organized by the School of Electrical Engineering and School of Civil Engineering, KIIT Deemed to be University on 4th August 2022. In his lecture, Dr. Sanath Kumar Saha, Professor, Rani Rashmoni Green University, West Bengal presented the recent and future effects of climate change on the world and gave a clear picture on the natural calamities. He also demonstrated the real impact of pollution. A total of 89 participants attended the talk.

Fig.14.6: Lecture On "Energy Security And Environmental Wellness"

KIIT DU certification courses on "Modeling Applications in Water Resources Engineering"

KIIT has started the cerification courses on" Modeling Applications in Water Resources Engineering". The objectives of the course To build the capacity of interns in understanding, assimilating and applying various statistical, mathematical (numerical and analytical) and optimization techniques along with various modeling principles in the planning, development and management of water resources. The internship aims at providing the interns various advanced methods and techniques which are quite relevant to optimize

and manage various processes of planning, development and management of water resources of any river basin or State or Country. At the end of this internship, the interns will be in a position to apply the acquired knowledge of statistical methods, mathematical solutions both in terms of numerical and analytical way, development and application of various modeling principles (both physical and mathematical), and various optimization techniques for efficient and effective planning, development and management of water resources.

14.11. Talk on "Water conservation and the role of society,"

On May 2, 2022, KIIT School of Mechanical Engineering, in collaboration with the KIIT Alumni Association, hosted the fifth installment of its 'Alumni Talk Series.' The featured speaker for this engaging webinar was Mr. Shashank Singh, a distinguished alumnus from the 2013 batch of the school and the Founder & Director of GRAM Association in Jharkhand.

During his talk on "Water conservation and the role of society," Mr. Singh shared insights into the vital role society plays in water conservation. Drawing from his experiences, including work with Barefoot College in Rajasthan and initiatives like Harvesting The Heaven Campaign India, he highlighted various water conservation methods, especially in regions with low rainfall. His emphasis was on utilizing surface water resources instead of depleting deep groundwater reserves. Mr. Singh also discussed how his NGO facilitates community-led projects, such as building small dams and digging ponds, through crowd funding.

Expressing gratitude to KIIT for his achievements, Mr. Singh praised the institution's alumni connect program. The session, which included interactions with students and alumni, was expertly coordinated and moderated by Prof. Prakash Ghose, the Alumni Coordinator, and witnessed the participation of Prof. Bharat Chandra Routara, Dean of the School of Mechanical Engineering.

14.12. KIIT organizes guest lecture on "Over-extraction of Groundwater"

On the 4th of March 2022, Professor M. M. Awad, an esteemed expert in Thermal Engineering and an Associate Professor in the Mechanical Power Engineering Department at Mansoura University, Egypt, delivered a compelling virtual Technical Talk titled "Energy-Water Nexus: Case Studies in Egypt." This enlightening lecture was part of the Colloquium Lecture Series for the 2021-22 academic year, organized by the KIIT School of Mechanical Engineering.

Professor Awad's talk addressed a pressing issue that affects many countries, including India and Egypt: the over-extraction of groundwater, which poses a significant threat to the environment. His innovative solution, condensing moisture from the air using solar energy and environmentally friendly materials like Calcium Chloride, garnered international praise. This approach holds the potential to revolutionize the way we tackle water scarcity in the future.

Professor Bharat Chandra Routara, Dean of the School of Mechanical Engineering, expressed gratitude for Professor Awad's valuable insights, highlighting the importance of his work. The interaction session moderated by Dr. Spandan Guha followed the lecture, further enriching the discussion.
https://news.kiit.ac.in/schools/sot/mechanical/kiitschool-of-mechanical-engineering-organizes-colloquium-lecture-series/

14.13. Biodiversity and Natural Habitat Protection

Preserving and enhancing biodiversity is crucial for a sustainable future. We protect and restore natural habitats within our campus, promote sustainable land management practices, and integrate biodiversity considerations into our planning and development processes. We also engage our community in conservation efforts and support local biodiversity initiatives. Our goal is to enhance biodiversity and ensure the long-term sustainability of ecosystems within and around our campus.

KIIT Green is a bold initiative of KIIT University to control environmental pollution and to create a healthy ambience in and around 25 sq. km. area in which different campuses of KIIT are located. Over the span of 3 years, more than 100,000 saplings were planted in and around the campus. KIIT Green envisaged and

implemented various pollution control plans in the campus. The University had taken up the ambitious plan of making the campus totally vehicle free. In the first phase, use of bikes, both by students and staffs, has been prohibited after putting in place an effective alternative transport arrangement. Besides mass plantation and limiting vehicular pollution, other environmentally friendly initiatives under KIIT Green included setting up new rain water harvesting and water management systems, sewerage treatment systems, biogas plants, solar water heating systems, etc in the campus.

Fig. 14.7: Various plantation drives held in and around KIIT

The more details can be found in following links

Link for Community Engagement
https://kiit.ac.in/community-engagement/

Link for NSS
https://nss.kiit.ac.in/

Link for KIIT Event:
https://news.kiit.ac.in/

Link for AOG
https://artofgiving.in.net/

Link for KIIT Sustainability
https://sustainability.kiit.ac.in/

15 LIFE ON LAND

Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification and halt and reverse land degradation and halt biodiversity loss

KIIT University has undertaken several measures towards addressing the targets SDG 15 as outline below:

15.1. Animal Feeding Drive by Khwaab Society, KSAC in India & Sri Lanka

Feeding our animal friends is the best thing that we can do to satisfy ourselves. With this as their objective, members of Khwaab Society, KSAC, KIIT organized an Animal Feeding Drive last week in different parts of India and in Sri-Lanka. They provided them with biscuits and cooked food such as rice and boiled vegetables. They have been frequently taking such noble initiatives, which carry forward the philosophy of Art of Giving started by Prof. Achyuta Samanta, Founder, KIIT & KISS.

Fig. 15.1: Animal Feeding Drive

https://news.kiit.ac.in/ksac/animal-feeding-drive-by-khwaab-society-ksac-in-india-sri-lanka/

15.2. Glow Drive' Initiative by KSAC

KIIT Animal and Environmental Welfare Society, KSAC works tirelessly to make a difference and to keep the environment safe for us as well as for our furry friends! The society believes in the motto "Let's change ourselves, not them". This year, in a bid to do something more, a novel "Glow Drive" initiative was launched by the Society to protect stray animals from being hit and run over in the night. With the number of animal accidents rising each year, it is important to ensure the safety of our voiceless friends, said Mr. Sarthak Panigrahi, Coordinator, KIIT Animal and Environmental Welfare Society. Reflective collars were their solution to save animals from accidents. Dr. Shyam Sundar Behura, Dy. Director, Student Services, KIIT appreciated the efforts of the members of the society and thanked Prof. Achyuta Samanta, Founder, KIIT &KISS.

Fig. 15.2: Animal Glow Drive

15.3. Seminar on "Waste Utilization in Cement and Concrete Industry" at KIIT

A collaborative seminar titled "Waste Utilization in Cement and Concrete Industry" was successfully organized by KIIT School of Mechanical Engineering and KIIT School of Civil Engineering, in partnership with the National Council for Cement and Building Materials (NCCBM), Ballabgarh. The seminar took place on March 21, 2022, in a hybrid format. The event aimed to foster joint research endeavors between NCCBM and KIIT Deemed to be University, specifically in the domain of waste utilization.

Eminent speakers from industries such as Dalmia Cement, NTPC, JSW Steel, and Hindalco shared insights during technical sessions chaired by experts from KIIT and NCCBM. Topics ranged from waste generation in industries to innovative utilization techniques in cement and concrete production. The seminar effectively fostered knowledge exchange and collaboration towards sustainable waste management and efficient resource utilization in the cement and concrete sector.

Fig. 15.3: Seminar on Waste Utilization in Cement and Concrete Industry

15.4. JNU Professor Speaks at KSFH Lecture Series on "Know Disasters for No Disaster"

Disasters not only takes away lives of the people, it also claims the livelihood of people,

leaving them without their means to earn their bread", said Prof. (Dr.) Sunita Reddy, Jawaharlal Nehru University, New Delhi at KSFH Lecture Series on 25th April, 2022. KIIT School of Social, Financial & Human Science (KSFH) organizes talks by industry experts and eminent academicians regularly for perennial flow of knowledge dissemination for its students. In this backdrop, KSFH Lecture Series is organized, where various eminent persons from different walks of life come and deliver lectures. In her lecture titled "Know Disasters for No Disaster", Prof. Reddy explained the various facets involved in the study of disasters and how disasters impact the lives of the affected, by referring to her first hand research and field visits to Andaman & Nicobar Islands after the devastating Tsunami in the year 2004. From 2005 to 2010, Prof. Reddy had made extensive visits to many islands, which were affected, to study the aftermath of the disaster, the response by the Administration and the reaction of the indigenous tribal inhabitants, towards the measures taken by the administration. Prof. Reddy also put light on some of the emerging research areas for the students in the fields of Anthropology and Disasters.

Fig. 15.4: JNU Professor Speaks at KSFH Lecture Series

15.5. Webinar on Sustainable Mining at KIIT School of Electrical Engineering

KIIT School of Electrical Engineering (SOEE) recently organized a webinar on 'Sustainable Mining,' inaugurated by Prof. Dr. B. K. Nayak, SOEE's Dean. Mr. Soumya Prakash Patra, GM & HOD of Electrical Department at NALCO, Angul, discussed mining technology and smart mining systems, sparking interest among 4th-semester electrical students and faculty for research

opportunities. The session included an engaging Q&A. Dr. Pampa Sinha, Assistant Professor, coordinated the event, and Dr. Sarita Samal, also an Assistant Professor, delivered the vote of thanks.

Fig. 15.5: Webinar on Sustainable Mining at KIIT School of Electrical Engineering

https://electrical.kiit.ac.in/webinar/#iLightbox[gallery_image_1]/1

15.6. KIIT Law School Celebrates World Environment Day-2022

Hon'ble Mr. Justice Sanjeeb Kumar Panigrahi, Judge, High Court of Orissa called upon law students and young lawyers to be socially responsible citizens having sensitivity towards the environment. World Environment Day is celebrated every year on the 5th of June under the aegis of the United Nations to sensitize, encourage awareness, and lay down actions for the protection of the environment. This year's theme of the celebration is "Living Sustainably in Harmony with Nature". Justice Panigrahi not only showcased the whole ethos of environmentalism, but also the judicial approach that has shaped the discourse for us as of now. Though development and environment are poles apart, a harmonious union between the two is the need of the hour, he stated. And, being curators of future lawyers, it is our onerous responsibility to instill the mindset for coordinated action, he added. The session was coordinated under the patronage of Prof. (Dr.) Bhabani Prasad Panda, Director, KLS, and overall coordination of the event was done by Dr. Bishwa Kallyan Dash, Asst. Prof. (II), KLS.

Fig. 15.6:World Environment Day-2022

https://news.kiit.ac.in/schools/law/kiit-law-school-celebrates-world-environment-day-2022/

15.7. KIIT School of Mechanical Engineering Organizes Seminar Talk on "Energy, Climate Change & I"

Professor Chetan Singh Solanki from IIT Bombay, known as Solar Gandhi, initiated the "Energy Swaraj Yatra" movement in November 2020 to promote 100% adoption of solar energy. The yatra, starting from Mumbai, reached Bhubaneswar after traversing eleven states. His 'solar bus' is equipped with 3.2 kW solar panels, 6 kWh battery storage, and a 3 KVA inverter, powering all appliances inside. A seminar at KIIT Deemed to be University on June 1, 2022, highlighted his ideas on "Energy, Climate Change, and I." Prof. Solanki emphasized a three-step approach to shift fully to solar energy: "avoid, minimize, generate." He urged energy avoidance, efficient appliance use, and local energy generation. Faculty, staff, and students visited his solar bus, where he's lived and traveled for two years, aiming to continue until 2030.

Fig. 15.7: KIIT School of Mechanical Engineering Organizes Seminar Talk on "Energy, Climate Change & I"

https://news.kiit.ac.in/schools/sot/mechanical/kiit-school-of-mechanical-engineering-organizes-seminar-talk-on-energy-climate-change-i/

15.8. KIIT-KISS Organizes Invited Lecture On 'Conserving Nature: Compulsion As Choice'

An Invited Lecture on "Conserving Nature: Compulsion as Choice" was jointly organized by the School of Tribal Resource Management and the Centre for Indigenous Innovation and Entrepreneurship at KIIT-KISS on July 28, 2022, in honor of World Nature Conservation Day. Dr. Rabi Narayan Patra, a Professor at the Council of Analytical Studies, delivered the lecture, focusing on reducing plastic use. Attendees included students, scholars, faculty members, and KISS officials. Dr. Patra stressed the importance of preserving the environment and preventing species extinction. He differentiated conservation from protection, advocating for the "Reduce, Reuse, Recycle" approach. The event, coordinated by Dr. Sanjeeta Kumari Devi, aimed to promote nature conservation and responsibility, with contributions from other KISS dignitaries.

Fig. 15.8: Invited Lecture On 'Conserving Nature: Compulsion As Choice'

https://university.kiss.ac.in/posts/kiss-du-organizes-invited-lecture-on-conserving-nature-compulsion-as-choice/

15.9. KIIT School Of Electrical Engineering Organizes Lecture On "Energy Security And Environmental Wellness"

A guest lecture on "Energy Security and Environmental Wellness-India's Lens" was organized by the School of Electrical Engineering and School of Civil Engineering, KIIT Deemed to be University on 4th August

2022. In his lecture, Dr. Sanath Kumar Saha, Professor, Rani Rashmoni Green University, West Bengal presented the recent and future effects of climate change on the world and gave a clear picture on the natural calamities. He also demonstrated the real impact of pollution. A total of 89 participants attended the talk.

https://news.kiit.ac.in/schools/sot/electrical/kiit-school-of-electrical-engineering-organizes-lecture-on-energy-security-and-environmental-wellness/

15.10. Students of KIIT Animal And Environmental Welfare Society Visit Nandankanan Zoo Hospital, Laboratory And Breeding Centre

The members of KIIT Animal and Environmental Welfare Society functioning at KSAC visited Nandankanan Zoological Park as part of their Field visit. They were taken to the different facilities at Nandankanan including the zoo hospital, zoo laboratory, Pangolin breeding centre, Egg Incubation room, Feed Distribution Centre and to the Computerized Radiography unit. They were briefed about the various research activities that are being carried out and the state-of-the-art laboratory that caters to it. They also saw how the creatures are kept in nooks which recreate the territory they live in, helping them in giving a more normal environment and a sound existence.

Fig. 15.9: Students of KIIT Animal And Environmental Welfare Society Visit Nandankanan Zoo Hospital, Laboratory And Breeding Centre

https://news.kiit.ac.in/ksac/students-of-kiit-animal-and-environmental-welfare-society-visit-nandankanan-zoo-hospital-laboratory-and-breeding-centre/

SDG16 speaks about peace, justice and strong institutions. The prevalence of peace and justice cannot be ignored as it constitutes one of the prime criteria for building up a very strong institution. Peace and Justice are complimentary to each other; both are very much vital for providing equality among human beings and nations. Justice could be individual to collective, for example, slavery, human trafficking, etc.

KIIT is one of the premier institutions which emphasizes on ensuring peace and justice in the campus and beyond. There are students and employees from different parts of the globe. Therefore it is the one of the prime concerns of the management. Several initiatives have been undertaken during the year 2021 towards this SDG apart from the regular ones which are outlined below:

16.1. Bar Council of India to set-up Indian Institute of Law (IIL) at Bhubaneswar in collaboration with KIIT

In a significant development, the Bar Council of India through BCI Trust is going to set-up the Indian Institute of Law (IIL) in collaboration with KIIT Deemed to be University at Bhubaneswar to train the Law Teachers and Lawyers/Advocates of the country.

https://news.kiit.ac.in/schools/law/bar-council-of-india-to-set-up-indian-institute-of-lawiil-at-bhubaneswar-in-collaboration-with-kiit/

16.2. Center of Excellence on Sustainability and Equity

The Center of Excellence on Sustainability and Equity was established in 2019 to create awareness among its students, staff and general public about the needs and importance of sustainable development goals, their importance and impact on the progress of our nation. This Center of Excellence is working on gathering, measuring and analyzing data related to different sustainable development goals both at national level and international through its collaborations, partners, NGOs, surveys and research activities. It is also working towards more collaborations at national and international level, NGOs and corporate to frame policies and decide on plan of action to meet the goals associated with the SDGs.

16.3. KIIT Law School Signs MOU with National Law School of India University, Bengaluru

The Department of Intellectual Property Rights Law and Practice of the KIIT Law School signed an MOU with the Centre for Intellectual Property Research and Advocacy of the National Law School of India University, Bengaluru. The MOU exchange ceremony was held online on the 17th of January, 2022.

This collaboration between India's two leading law schools seeks to capitalize on the expertise and resources available with the respective departments through various means like joint faculty development programmes,

research and publications, conferences, policy papers, etc.
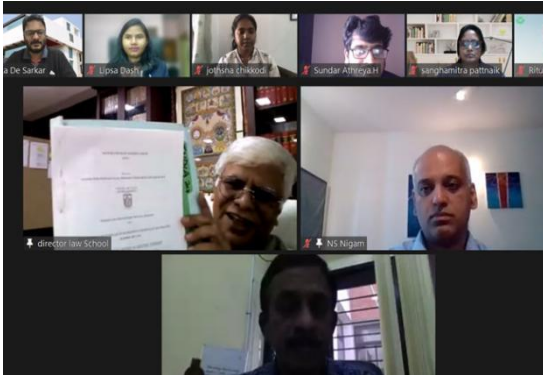
Fig. 16.1: KIIT Law School Signs MOU with National Law School of India University, Bengaluru.

https://news.kiit.ac.in/mou/kiit-law-school-signs-mou-with-national-law-school-of-india-university-bengaluru

16.4. Workshop on "Changing Facets of Contract Laws"

The KIIT Law School (KLS) organized a workshop titled "Changing Facets of Contract Laws" on January 25, 2022. This one-day event was designed as an extension study for KLS's Law of Contract students, aiming to explore the evolving dimensions of contract laws and their adaptation to India's contemporary legal system. The workshop comprised three sessions. The first session, "Infrastructure Contracts and its Way Forward," discussed legal regulations and recent case studies in the realm of infrastructure contracts.
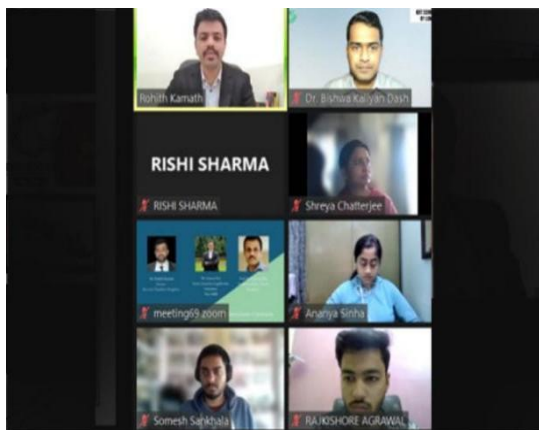
Fig. 16.2: Workshop on "Changing Facets of Contract Laws"

The second session, "Importance of Contract Law in Arbitration," emphasized the role of contract law in negotiating disputes with a focus on arbitration clauses. The third session, "Prenuptial Contracts in India," delved into the application of contract laws in this emerging area. The coordinating committee expressed gratitude to key figures for their support. The workshop fostered knowledge exchange among students and faculty, guided by Dr. Bishwa Kallyan Dash and Dr. Shreya Chaterjee from KLS.

https://news.kiit.ac.in/kiit-events/workshop/workshop-on-changing-facets-of-contract-laws/

16.5. Skill Development Session at KIIT Law School

The Department of Criminal Law and Administration, KIIT Law School (KLS) organized a Skill Development Session on the "Practical Aspects of Law of Evidence: Bridging the Gaps" for the students of the 6th Semester on 22nd January 2022. Gracing the occasion as the Guest Speaker, Mr. Bibhu Tripathy, Advocate, High Court of Orissa imparted the practical skill on the law of evidence used by an advocate in the court craft. He discussed the art of cross-examination, underscoring the importance of the Tahsildar Singh Case and how to use the Section 161 Code of Criminal Procedure Statement. Mr. Sidhartha Sekhar Dash, Co-ordinator of the programme explained the importance of the court crafts in the Law of Evidence for the students of the law. Students enthusiastically participated in the session, which ended with a vote of thanks by the Student Coordinator.

Fig. 16.3: Skill Development Session at KIIT Law School

https://news.kiit.ac.in/schools/law/skill-development-session-at-kiit-law-school.

16.6. NSS School of Computer Engineering Organizes Happiness Concert

The NSS wing of KIIT School of Computer Engineering organized the 6th edition of the Happiness Concert on the occasion of India's 73rd Republic Day with the theme 'The Power of Youth - Unleashing a New Perspective'. The concert, which had flavor of patriotism and nationalism blended with entertainment, was an occasion for the volunteers to celebrate themselves intending to keep the 'josh' high. NSS SCE volunteers showcased their talent with live-streamed nukkad nataks, films on YouTube and individual performances of music, dance, poetry, art, and other creative forms. The event was diligently organized. Speaking on the occasion, Dr. Kajal Parashar, Program Coordinator – NSS, KIIT-DU inspired the volunteers with her words of wisdom and expressed her belief in today's youth as the country's future leaders.

Fig. 16.4: Happiness Concert

https://news.kiit.ac.in/schools/sot/computer/nss-school-of-computer-engineering-organizes-happiness-concert.

16.7. KSAC Organizes Event to Highlight Cultural Evolution of Indian Music

Someone has rightly said, "Music, once admitted to the soul, becomes a sort of spirit and never dies". Music, being the ultimate euphony of life, has always carried its essence since generations. As a part of the "Azadi Ka Amrit Mahotsav", Team Korus, the music and dance society of KIIT functioning under KSAC, organized a musical event on 26th January 2022 to highlight the cultural evolution of Indian music.The students enthusiastically

performed classical music, folk (bollywood) music and many others, which premiered on YouTube.

Fig. 16.5: KSAC Organizes Event to Highlight Cultural Evolution of Indian Music

https://news.kiit.ac.in/ksac/azadi-ka-amrit-mahotsav-ksac-organizes-event-to-highlight-cultural-evolution-of-indian-music

16.8. KIIT Law School Organizes Panel Discussion on "Increase of Women's Age for Marriage: Social and Legal Ramifications"

KIIT Centre for Constitutional Law Studies & Research (CCLSR) at KIIT Law School (KLS) conducted a Panel Discussion on "Increase of Women's Age for Marriage: Social and Legal Ramifications" on January 30, 2022. Distinguished speakers included Prof. S. N. Mishra, Dean of KIIT School of Management; Advocate Ashwini Upadhyay from the Supreme Court of India; and Dr. Tapan Mohanty, Professor at National Law Institute University, Bhopal.
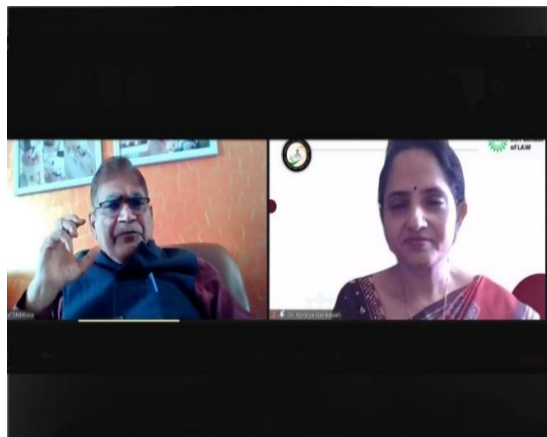
Fig. 16.6: Panel Discussion on "Increase of Women's Age for Marriage: Social and Legal Ramifications"

Advocate Ashwini Upadhyay emphasized the importance of discussing the increase in women's marriage age, citing his 2015 petition on the matter. He highlighted financial and emotional maturity and constitutional validity, advocating for a higher marriage age. Prof. S. N. Mishra discussed the historical context of marriage in India and the move towards a universal civil code. Dr. Tapan R. Mohanty delved into societal implications. The session covered advantages, disadvantages, criticisms, and the origins of child marriage. Dr. Kyvalya Garikapati from KLS has moderated the webinar.

https://news.kiit.ac.in/schools/law/kiit-law-school-organizes-panel-discussion-on-increase-of-womens-age-for-marriage-social-and-legal-ramifications/

16.9. KIIT Law School Organizes Webinar on 'Procedure & Technicalities of Investigation of Criminal Cases'

KIIT Law School (KLS) organized an enlightening webinar on "Procedure and Technicalities of Investigation of Criminal Cases" featuring Mr. R. K. Vij, IPS (Retd.), Former Special Director General of Police, Chhattisgarh, as the Guest Speaker. The webinar aimed to familiarize law students with the intricacies of investigation as a vital part of criminal trials. Drawing from his extensive experience, Mr. Vij delivered a comprehensive presentation on the subject. He elucidated the
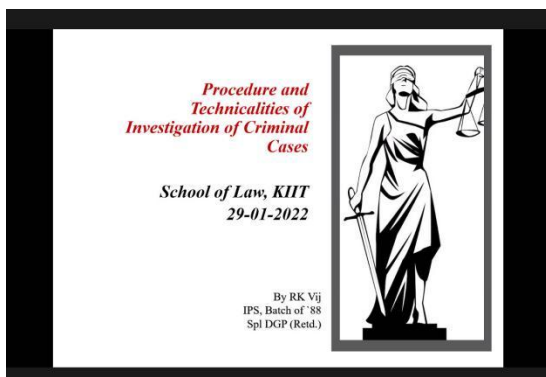
Fig. 16.7: Webinar on 'Procedure & Technicalities of Investigation of Criminal Cases'

investigation process, starting from filing a First Information Report (FIR), and explained its significance. He highlighted the steps encompassed in an investigation, such as

evidence collection, witness statements, and medical examinations. The talk encompassed important case studies that have shaped the landscape of investigation in the Criminal Procedure Code.

https://news.kiit.ac.in/schools/law/kiit-law-school-organizes-webinar-on-procedure-technicalities-of-investigation-of-criminal-cases/

16.10. KINS NSS Unit Celebrates "Kids Smile Day" at Orphanage

The NSS Wing of Kalinga Institute of Nursing Sciences (KINS) marked "Kids Smile Day" at Basundhara orphanage in Cuttack on January 31, 2022. With the theme "Enhancing This World, One Smile," the event aimed to encourage students to support underprivileged children. B.Sc. Nursing NSS volunteers, under the guidance of Ms. Daini Sunita and Ms. Anita Panigrahi, showcased first aid techniques, personal hygiene, and shared talents with around 90 orphanage children. The volunteers extended gratitude to Dr. Kajal Parashar and Dr. Niyati Das for their support in making the event a success.

Fig. 16.8: Celebrating "Kids Smile Day" at Orphanage

https://news.kiit.ac.in/schools/school-of-nursing-sciences/kins-nss-unit-celebrates-kids-smile-day-at-orphanage/

16.11. National Webinar on "Practical Challenges of Trial Advocacy"

The Trial & Appellate Advocacy Society (TAAS) of KIIT Law School (KLS) orchestrated a significant webinar on "Practical Challenges of Trial Advocacy" on January 30, 2022. The event aimed to educate students about the pragmatic hurdles in advocacy and enhance their skills in

accordance with contemporary requirements. The distinguished guest speaker, Mr. Manav Gecil Thomas, an accomplished litigator with an extensive career spanning diverse legal forums, shared his insights. He delved into the essential challenges that trial advocates encounter, emphasizing meticulous research, the significance of proper documentation such as stamps, and staying current with legal updates. He discussed pandemic-induced transformations like widespread e-filing adoption. Key issues such as archaic procedures, procedural complexities, legal ignorance, client credibility, and adjournments were elucidated. The session saw participation from over 125 students and culminated with gratitude expressed by the Faculty Coordinator and Student Convenor. The webinar provided an invaluable platform for motivating future advocates and honing their advocacy skills.

Fig.16.9: Webinar on "Practical Challenges of Trial Advocacy"

https://news.kiit.ac.in/schools/law/national-webinar-on-practical-challenges-of-trial-advocacy-at-kiit-law-school/

16.12. KIIT Law School Organizes Webinar on 'Structural Dynamics of Code of Criminal Procedure'

KIIT Law School (KLS) orchestrated an enlightening webinar titled 'Structural Dynamics of Code of Criminal Procedure,' featuring Mr. Sujit Kumar Nandy as the esteemed guest speaker. The webinar's objective was to enhance law students' comprehension of the foundational and structural essence of the Code of Criminal Procedure. A seasoned former member of the State's Judicial Service, Mr. Nandy, with his rich experience in various Civil and Criminal Courts, including as a District and Session Judge, captivated the audience of Criminal Law

enthusiasts with his meticulous presentation. He delineated the core framework of the criminal justice process, commencing with evidence gathering during investigation, succeeded by court inquiries based on collected evidence, and ultimately culminating in the trial phase. Notably, he delved into key code provisions such as Section 174, addressing inquests in unnatural death cases. Mr. Nandy also delved into trial stages, bail circumstances, and provisions pertaining to death penalty-convicted individuals. The webinar concluded with an interactive Q&A session, adeptly hosted by Mr. Abinash Ray, and a vote of thanks by Ms. Swati Mohapatra.
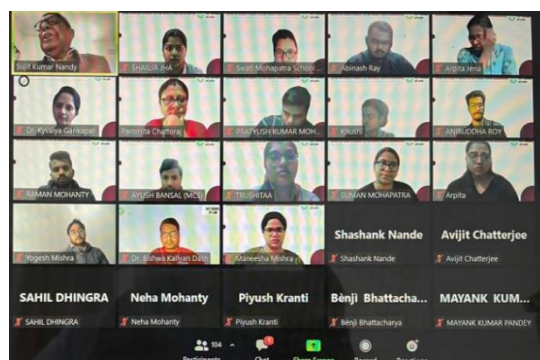
Fig. 16.10: Webinar on 'Structural Dynamics of Code of Criminal Procedure'

https://news.kiit.ac.in/schools/law/kiit-law-school-organizes-webinar-on-structural-dynamics-of-code-of-criminal-procedure

16.13. 1st World Leadership Convention at KIIT on 'World is One':

The 1st World Leadership Convention on 'World is One,' held on February 5, 2022, was a collaborative effort between the World Leadership Academy (WLA) and KIIT Deemed to be University. The event aimed to foster global leadership and unity across diverse fields. Dr. Ramesh Pokhriyal Nishank, former Union Minister of Education, highlighted India's historical leadership and its potential to lead in the 21st century. He emphasized India's cultural richness and the ancient ethos of knowledge-sharing. Shri Ram Madhav, Eminent Thinker & Writer, stressed the need for wisdom to maintain global unity and value-driven education.

Dr. Achyuta Samanta, Founder of KIIT & KISS, discussed the institutions' commitment to humanity and compassion. Prof. K. K. Aggarwal,

Chairperson of the National Board of Accreditation (NBA), emphasized the universality of knowledge and unity. The convention also marked the launch of WLA's initiatives like the 'L-Index,' Digital Library, and Project Database. Distinguished speakers including Justice Dr. Sanju Panda, Dr. Ajit Kumar Mohanty, and Prof. Valentina E. Balas, shared insights on global transformation. Prof. Jayanta Kumar Parida extended the vote of thanks, underscoring the convention's significance in fostering global harmony and progress.
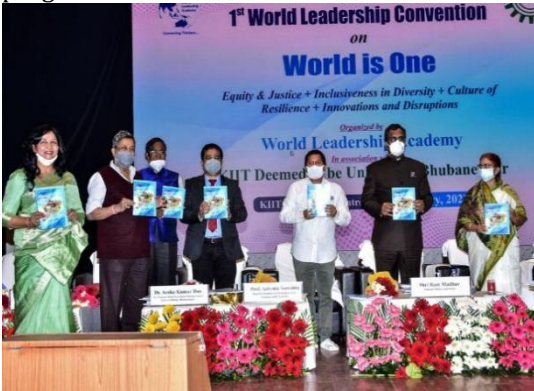
Fig. 16.11: **1st World Leadership Convention**

https://news.kiit.ac.in/kiitnews/37268/

16.14. International Webinar on Kalinga-Lanka Cultural Links at KIIT-KISS

The School of Comparative Tribal Languages and Literatures at KISS Deemed University, in collaboration with Gangadhar Meher University, Sambalpur, organized an international webinar on "Relevance of Literature in Reviving the Old Cultural Link between Kalinga and Lanka" on February 4, 2022. This virtual event brought together 160 participants from six universities in India and Sri Lanka. Professor Deepak Kumar Behera, KISS, inaugurated the webinar and welcomed Shri Daya Dissanayake, a prominent bilingual poet, novelist, and critic from Sri Lanka, along with other academic dignitaries and participants.

Shri Dissanayake's talk delved into the historical and cultural connections between Kalinga and Lanka. He highlighted the commonalities in culture, including Buddhism, shared by Odisha and Sri Lanka. He emphasized the need for comparative research, such as studying rock art, translating Jataka tales into Odia, and exploring links between Kalinga and

Jaffna. Shri Dissanayake proposed the idea of teaching Odia in Sri Lankan universities, similar to how Sinhalese is taught in Odisha and India. Professor N. Nagaraju of Gangadhar Meher University praised the collaboration and the webinar's theme, foreseeing its positive impact on cross-cultural literary studies for both universities' faculty, researchers, and students.
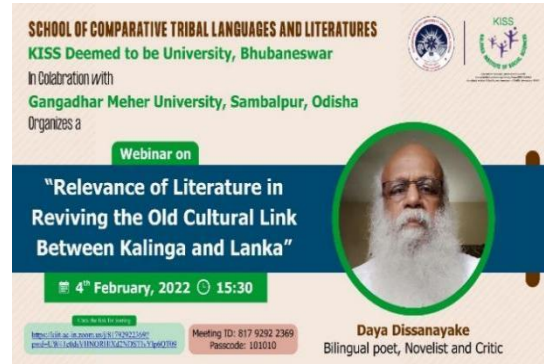
Fig.16.12: **International Webinar on Kalinga-Lanka Cultural**

https://news.kiit.ac.in/kiss/international-webinar-on-kalinga-lanka-cultural-links-at-kiss-du/

16.16. KLS Joins Hand with NLSIU for Department of Justice Project in Odisha

On February 1, 2022, KIIT Law School (KLS) and the National Law School of India University (NLSIU), Bangalore, joined forces for a two-year initiative titled the "Pan India Legal Literacy and Legal Awareness Programme" in Odisha, India. This project, funded by the Department of Justice under the Ministry of Law and Justice, Government of India, is led by NLSIU's Centre for Environmental Law, Education, Research and Advocacy (CEERA), focusing on legal literacy dissemination in aspirational districts across six states.

As the Nodal Agency for Odisha, KIIT Law School will execute the project's objectives, aiming to widely spread legal awareness. The collaboration entails developing a comprehensive communication strategy, utilizing digital and social media platforms, organizing effective and sustainable legal awareness campaigns, conducting workshops, legal aid competitions, and events related to the program. Additionally, the collaboration will see the implementation of youth connect workshops in colleges, schools, and institutions.

Dr. Bishwa Kallyan Dash, Assistant Professor (II), has been appointed as the State Coordinator for Odisha to oversee project implementation. The agreement was signed by Prof. (Dr.) Bhabani Prasad Panda, Director of KLS, and Prof. (Dr.) Sairam Bhat, Coordinator of CEERA at NLSIU.

Fig. 16.13: KLS Joins Hand with NLSIU for Department of Justice Project in Odisha

https://news.kiit.ac.in/schools/law/kls-joins-hand-with-nlsiu-for-department-of-justice-project-in-odisha/.

16.17. KIIT & KISS Organizes International Webinar on 'Tribal Administration & Development in India'

The School of Tribal Culture, Philosophy, and Eco-spiritualism's Political Science Programme organized an international webinar on 'Tribal Administration and Development in India' on February 17, 2022. The esteemed speaker, His Excellency Shri Arun Kumar Sahu, IFS, High Commissioner of India to Trinidad and Tobago, discussed the pressing issues related to indigenous communities. Shri Sahu shed light on historical challenges, citing the exploitation of indigenous cultures and resources by European powers.

Fig. 16.14: International Webinar on 'Tribal Administration & Development in India'

Shri Sahu emphasized three developmental approaches – isolation, assimilation, and integration – and stressed the importance of striking a balance between societal growth and tribal welfare. Shri Sahu advocated for preserving tribal identity, offering choices, and creating opportunities. Attended by faculty and scholars from various universities, the webinar aimed to address these vital concerns and foster awareness about the protection and promotion of tribal cultures in India.

https://news.kiit.ac.in/kiss/kiss-organizes-webinar-on-tribal-development-policy-administration-in-india

16.18. Guest Lecture at KIIT Law School on Inter-Relationship between Part III, Part IV & Part IVA of the Constitution of India in the Present Day Context

The KIIT Centre for Constitutional Law Studies and Research, within KIIT Law School (KLS), orchestrated an enlightening Online Guest Lecture on February 20, 2022. Hon'ble Mr. Justice G. S. Singhvi, Former Judge of the Supreme Court of India, delved into the intricate theme of "Inter Relationship between Part III, Part IV & Part IVA of the Constitution of India in the Present Day Context." Justice Singhvi expounded upon the notions of justice embedded in the preamble, encompassing social, economic, and political dimensions. He delved into the Constitutional history, Constituent

Fig. 16.15: Guest Lecture at KIIT Law School

Assembly debates, and meticulously deciphered Part III concerning Fundamental Rights, including the landmark Kesavananda Bharati case that solidified the basic structure theory. Justly, he interpreted Part IV's Directive Principles and Part IVA's Fundamental Duties,

uncovering their interconnectedness and overlaps. Justice Singh illuminated the evolving judicial stance on harmonizing Directive Principles and Fundamental Rights, ultimately emphasizing their supplementary coexistence.

https://news.kiit.ac.in/schools/law/guest-lecture-at-kiit-law-school-on-inter-relationship-between-part-iii-part-iv-part-iva-of-the-constitution-of-india-in-the-present-day-context/

16.19. UNICEF Odisha's Social & Behaviour Change Specialist Visits KSMC

On February 17, 2022, Dr. Sugata Roy, a Social & Behaviour Change Specialist at UNICEF Odisha, visited the School of Mass Communication (KSMC) at KIIT Deemed University. During his visit, he engaged with the faculty members, including Professor Himansu Sekhar Khatua, CEO of KSMC, and Dr. Bidu Bhusan Dash, the Course Coordinator, who provided insights into the school's accomplishments, strengths, and facilities. Drawing from his extensive two-decade experience in Communication and Social and Behaviour Change, Dr. Roy stressed the significance of focusing on behavioral indicators rather than just monitoring indicators. He underlined the role of academic inputs in achieving this shift. Dr. Roy expressed a keen interest in collaborating with the school, envisioning partnerships encompassing student internships with UNICEF, support for social media content, research, and seminars aimed at enhancing student capabilities. Faculty members and associates were also present during this interaction.

Fig. 16.16: UNICEF Odisha's Social & Behaviour Change Specialist Visits KSMC

https://news.kiit.ac.in/schools/mass-communication/unicef-odishas-social-behaviour-change-specialist-visits-ksmc/

16.20. KSAC Celebrates "Matribhasha Diwas"

The student members of KIIT Student Activity Centre (KSAC) celebrated "Matribhasha Diwas" on 21st February 2022 on virtual mode to promote and preserve mother languages. The cultural meet started with a melodic Sanskrit song sung beautifully by Shaswat Singh. Sudeshna Rath, with her soulful voice, sang a sweet-sounding Marathi and Odia song. The meet was beautifully ended with Indrani Chakraborty's lovely Bengali song highlighting the linguistic diversity of our country. Dr. Shyam Sundar Behura Dy. Director SS, spoke about the relevance of different languages and thanked the organizers of the event.
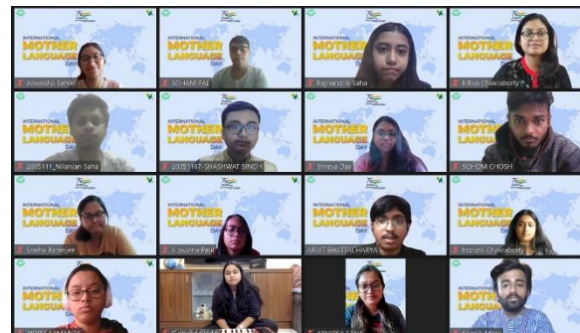
Fig. 16.17: Celebration of "Matrubhasha Diwas" by KSMC

https://news.kiit.ac.in/ksac/ksac-celebrates-matribhasha-diwas/

16.21. KIIT & KISS Celebrate International Mother Language Day

The School of Comparative Tribal Languages and Literatures at Kalinga Institute of Social Sciences (KISS) commemorated International Mother Language Day on February 21, 2022, using a blended mode of celebration. Faculty members and research scholars from various schools participated, contributing to its immense success. Professor Deepak Kumar Behera, KISS, highlighted the day's significance in promoting linguistic diversity and multilingualism within the university. He praised KISS for safeguarding and promoting tribal languages, cultures, and heritage. The celebration was marked by students and scholars expressing themselves in languages

like Ho, Kissan, Santhal, and Mundari. Dr. Prashanta Kumar Routray, Registrar of KISS, emphasized the importance of preserving dying languages, underlining the responsibility of youth and research scholars to keep them alive. Dr. Achyuta Samanta, Founder of KISS & KIIT, has championed Mother Tongue Based Multilingual Education (MTBMLE), with KISS becoming a model for teaching students in their mother language during early education stages before transitioning to other languages.

Fig. 16.18: Celebration of International Mother Language Day at KISS

https://university.kiss.ac.in/events/kiss-du-celebrates-international-mother-language-day/

16.22. KSFH Organizes Seminar on 'Growth, Development & Sustainability: Challenges in India'

The Biju Patnaik Research Chair at KISS organized a program on 'Entrepreneurship, Equity, and Development' to commemorate the 106th Birth Anniversary of Sj. Biju Patnaik on March 5, 2022. Distinguished speakers, Mr. Asutosh Rath from NALCO and Mr. Prasanta Biswal from JSW Group, discussed vital topics. Professor Deepak Kumar Behera, KISS, emphasized the importance of the event, honoring Biju Patnaik's legacy and his contributions to Odisha and India. He highlighted Patnaik's vision for Industrial Odisha, entrepreneurship encouragement, and his role in global affairs. Professor Jugal Kishore Mishra highlighted Patnaik's multifaceted contributions as a politician, freedom fighter, and social activist. Mr. Asutosh Rath shared insights from working with tribal communities and discussed challenges faced during COVID-19, emphasizing the role of successful

entrepreneurs in societal development. He highlighted corporate CSR activities and the need for supporting startups. He also mentioned opportunities for tribal youths in mining and metal sectors for future startups.

The KIIT School of Social, Financial & Human Sciences (KSFH) orchestrated a significant talk on "Growth, Development & Sustainability: Challenges in India" to address the multifaceted aspects of growth and development across diverse fields. Professor Satya N. Mishra, Dean of KIIT School of Management, shared enlightening insights during the session, linking Adam Smith's economic theories to contemporary contexts. He explored the challenges encountered by the Indian economy since independence, and also highlighting the nation's achievements over decades. KSFH, known for its proactive engagement, arranged this seminar as a post-pandemic physical event, which radiated the joy of in-person learning among students and faculty. The occasion also included the felicitation of KSFH students who excelled in the 1st Odisha Inter-University Games at Baripada, celebrating both academic and athletic achievements.

Fig. 16.19: Seminar on 'Growth, Development & Sustainability: Challenges in India

https://news.kiit.ac.in/ksfh/ksfh-organizes-seminar-on-growth-development-sustainability-challenges-in-india

16.23. School of Comparative Tribal Languages & Literatures, KIIT & KISS Celebrates Classical Odia Language Day

The School of Tribal Language & Literature at KIIT & KISS celebrated Classical Odia Language Day on March 11, 2022, employing a blended mode. Professor Basanta Kumar Panda, Director of the Centre for Excellence for Studies in Classical Odia Language, was the esteemed

guest speaker. The event saw participation from faculty members, research scholars, and dignitaries, resulting in a significant success. Prof. Panda discussed the journey that led to Odia being recognized as the sixth classical language in India, emphasizing its rich literary history and distinct identity. He explained the stringent criteria set by the government for such recognition and his efforts to fulfill them. Prof. Deepak Kumar Behera, KISS, highlighted the importance of elevating the Odia language, citing its extensive vocabulary and classical heritage. Dr. Prasanta Kumar Routray, KISS, and other speakers underscored the need to preserve and study mother tongues. The session deepened participants' understanding of Odia's antiquity and classical status while encouraging further research in the field.
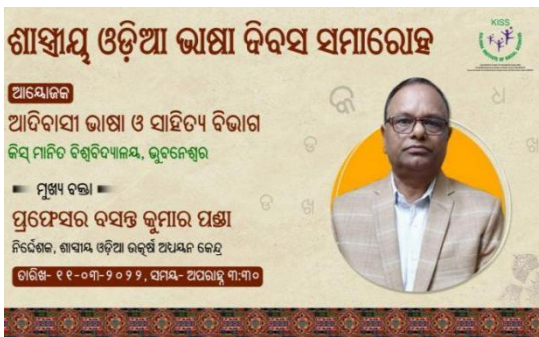
Fig.16.20: Classical Odia Language Day

https://news.kiit.ac.in/kiss/school-of-comparative-tribal-languages-literatures-kiss-du-celebrates-classical-odia-language-day/

16.24. KIIT Law School Organizes National Webinar on "Procedure & Significance of Legislative Drafting in India"

The Centre for Study and Research on Legislative Drafting (CSRLD) at KIIT Law School organized an online Panel Discussion on "Procedure and Significance of Legislative Drafting in India" on April 3, 2022. Dr. Reeta Vasishta from the Ministry of Law & Justice, Government of India, highlighted the art of legislative drafting, stressing self-critique, scrutiny, and precision. She elucidated the value of subject knowledge, general clauses, and precedent usage in drafting, citing real-world instances. Aanchal Arya from The Times of India emphasized the importance of concise and elegant English writing skills for lawyers.

She outlined essential drafting principles and the role of language proficiency in legal processes. The event, moderated by Ms. Gautami Chakravarty, received guidance from Faculty Coordinators Zeenat Taher and Shashank Nande and support from CSRLD's Student Conveners Aparna Mallik and Sartak Singh. Student rapporteurs included Ms. Shaba Naz, Ms. Ishita Paul, and Ms. Mallika Tiwary, contributing to the successful execution of the session.

Fig. 16.21: Webinar on "Procedure & Significance of Legislative Drafting in India"

https://news.kiit.ac.in/schools/law/kiit-law-school-organizes-national-webinar-on-procedure-significance-of-legislative-drafting-in-india/

16.25. Distinguished Invited Talk on 'New Education Policy – 2020: Issues and Challenges' at KIIT-KISS

The Internal Quality Assurance Cell (IQAC) of KISS organized a distinguished talk on April 1, 2022, focusing on the 'New Education Policy - 2020: Issues and Challenges'. Renowned speaker Prof. Dr. E Balagurusamy, Chairman of EBG Foundation, Coimbatore, and a prominent figure in education, addressed the gathering. Prof. Balagurusamy highlighted India's educational shortcomings and its impact on development indices. He emphasized the need for education reform, citing the New Education Policy 2020 as a crucial step. Prof. Balagurusamy outlined the historical context of educational policies and underscored their implementation challenges. He discussed NEP 2020's key features, including its comprehensive coverage of all educational phases and the classification of institutions.

The talk provided a platform to address critical issues in education and the potential of NEP 2020 in reshaping the landscape.

Fig. 16.22: Invited Talk on 'New Education Policy – 2020: Issues and Challenges'

https://university.kiss.ac.in/events/distinguished-invited-talk-on-new-education-policy-2020-issues-and-challenges-at-kiss

16.26. KIIT-DU & World Leadership Academy Organize Seminar on "Relevance of Education in Building a Sustainable Society"

The seminar titled 'The Relevance of Education in Building a Sustainable Society' held on April 17, 2022, was a collaborative effort between the World Leadership Academy (WLA) and KIIT Deemed to be University. Prof. Achyuta Samanta, Founder of KIIT & KISS, emphasized the significance of discipline in education and societal advancement. KIIT's role in elevating educational standards through support for over a hundred state colleges and the provision of resources like e-libraries and e-labs was highlighted. Prof. Samanta shared a four-point development mantra for education. Prof. Sasmita Samanta, Vice-Chancellor of KIIT-DU and WLA President, underscored the transformative potential of a robust education system and stressed the importance of human and intellectual resources in contemporary education. Over 20 MoUs were signed between KIIT-DU and participating colleges to enhance education. The seminar featured a panel discussion, hands-on training on digital libraries, interactive sessions, and tutorials by renowned publishers. Overall, the seminar served as a platform to exchange ideas and initiatives for advancing education's role in shaping a sustainable society.

Fig. 16.23: Seminar on "Relevance of Education in Building a Sustainable Society"

https://news.kiit.ac.in/kiit-events/seminar/kiit-du-world-leadership-academy-organize-seminar-on-relevance-of-education-in-building-a-sustainable-society

The more details can be found in following links

Link for Community Engagement
https://kiit.ac.in/community-engagement/

Link for Activities during Covid-19
https://kiit.ac.in/covid-19-news/

Link for NSS
https://nss.kiit.ac.in/

Link for KIIT Event:
https://news.kiit.ac.in/

Link for AOG
https://artofgiving.in.net/

Link for Kanyakiron
https://kanyakiran.com/

Link for MOUs and Research Collaboration
https://kiit.ac.in/collaborations/

17 PARTNERSHIPS FOR THE GOALS

Strengthen the means of implementation and revitalize the global partnership for sustainable development

Following are the significant initiatives KIIT University has been taking toward the UN's goal of reaching to strengthen the means of implementation and revitalize for sustainable development.

17.1 Manipur Govt. Inks Agreement with KIIT to Set up Technology Innovation Hub

The Department of Information Technology (DIT), Govt. of Manipur, and KIIT-Technology Business Incubator (KIIT-TBI), KIIT DU, signed an agreement on January 5, 2022, to establish the Manipur Technology Innovation Hub (MTI-Hub). The hub, a joint initiative under a PPP model, aims to foster entrepreneurship in Manipur. Shri Amit Shah, Hon'ble Minister of Home and Cooperation, Govt. of India, inaugurated the MTI-Hub virtually, with Shri N. Biren Singh, Hon'ble Chief Minister of Manipur, present. The agreement involves providing a furnished **10,000** sq.ft. space by the Manipur government along with operational support. Landscape.

Fig. 17.1:Technology Innovation Hub MoU

The collaboration also seeks funding from government agencies like DST, MeiTY, MSME, and BIRAC-DBT. KIIT-TBI, known for its vibrant technology incubation efforts, extends its influence to the East and Northeast regions of India, enabling sustainable platforms. This partnership holds promise for driving innovation and entrepreneurship in Manipur's evolving

https://news.kiit.ac.in/mou/manipur-govt-inks-agreement-with-kiit-to-set-up-technology-innovation-hub/

17.2 KIIT & KISS Inks MoU with Choice Welfare Foundation Choice-KIIT & KISSResidential School to open in Maharashtra

An MoU was signed on January 16, 2022, between the Kalinga Institute of Social Sciences (KISS) and the Choice Welfare Foundation of Mumbai. The collaboration aims to establish Choice – KIIT & KISSResidential School on the outskirts of Mumbai, Maharashtra. The school's inception is set to benefit marginalized and tribal students in the region. The MoU was signed by Sunil Patodia of Choice Welfare Foundation and Dr. Achyuta Samanta, Founder of KIIT and KISS. The Foundation, led by Mr. Patodia, has secured 25 acres of land and funds for the school's infrastructure. This expansion aligns with KISS's successful educational model and its presence in three major Indian cities. Dr. Samanta expressed pride in KISS's recognition and success, emphasizing its positive impact on society. The new school in Mumbai marks a significant step

toward providing quality education to underprivileged youth in Maharashtra.

Fig. 17.2 :Choice Welfare Foundation Choice-KIIT & KISS Residential School

https://news.kiit.ac.in/mou/kiss-inks-mou-with-choice-welfare-foundation-choice-kiss-residential-school-to-open-in-maharashtra/

17.3 KIIT Law School Signs MoU with National Law School of India University, Bengaluru

The Department of Intellectual Property Rights Law and Practice at KIIT Law School entered into a significant partnership with the Centre for Intellectual Property Research and Advocacy at the National Law School of India University, Bengaluru. The MoU exchange held on January 17, 2022, online, aims at leveraging the strengths and resources of these prestigious law schools. This collaboration encompasses joint initiatives such as faculty development programs, collaborative research projects, conferences, policy discussions, and publication ventures. This partnership between the top legal institutions in India aims to advance intellectual property research, education, and advocacy, creating a robust platform for knowledge exchange and collaborative growth.
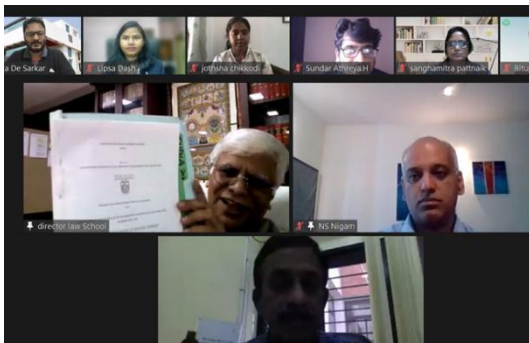
Fig. 17.3: MoU with National Law School

https://news.kiit.ac.in/mou/kiit-law-school-signs-mou-with-national-law-school-of-india-university-bengaluru/

17.4 KSOFT Organizes "Product Design" Webinar in Collaboration with Maitri Global Education, Italy

KIIT School of Fashion Technology (KSOFT) orchestrated an enlightening "Subject Experts Engagement (SEE) Webinar Talk" on January 17, 2022, in partnership with Maitri Global Education, Italy, and renowned Academic & Industry Experts from esteemed European Design Universities and Institutes. The webinar's focus was on "Creative Development Skills," and it featured Mr. Eduardo Motta, Product Manager at Lotto International, Italy, as the keynote speaker.

During the session, Mr. Eduardo Motta delved into multifaceted aspects of Product Design, Development, Merchandising, and Marketing, with a particular emphasis on footwear. He provided invaluable insights into the technical intricacies of footwear production, encompassing design perfection, prototype development, marketing strategies, cost management, and sales analysis. Prof. Farantene Raffaele, Project Leader at Adidas, Italy, further enriched the webinar with insights into Marketing and Product Design, aligned with customer preferences and market trends.

This illuminating event paved the way for KSOFT students to augment their knowledge and glean fresh perspectives for their professional journeys. The webinar series, part of the Subject Experts Engagement initiative, has been an ongoing endeavor, with previous talks centered on "Fashion Styling."

Fig. 17.4: Product Design Webinar

https://news.kiit.ac.in/kiitnews/ksoft-organizes-product-design-webinar-in-collaboration-with-maitri-global-education-italy/

17.5 KIIT & KISS Inks MoU with EDII

On January 25, 2022, KIIT & KISS, Bhubaneswar entered into a significant Memorandum of Understanding (MoU) with the Entrepreneurship Development Institute of India (EDII), Ahmedabad. This MoU marks the commencement of a collaborative and robust partnership between KIIT & KISS and EDII. The MoU signing event, held in a blended format, saw the presence of distinguished representatives and faculty members from both institutions.In his opening address, Professor Deepak Kumar Behera, KIIT & KISS, highlighted the special bond between the two organizations, emphasizing their joint efforts in organizin capacity-building programs and workshops. He underscored the potential for extended collaboration in research, academics, internships, projects, training,faculty-student development, and exchange initiatives. The event also showcased the shared commitment of both universities to fostering entrepreneurship, aligning with national initiatives like Make in India and Atma Nirbhar Bharat. Dr. Subrat Biswal from EDII emphasized the development of a tribal entrepreneurship ecosystem, while Dr. Satya Acharya highlighted the collaborative potential for the betterment of Odisha. The MoU stands as a promising opportunity for KIIT & KISS and EDII to pool their strengths for the advancement of education and entrepreneurship in the region.

Fig. 17.5: KIIT & KISSMoU with EDII

https://university.kiss.ac.in/posts/KIIT & KISS-inks-mou-with-edii/

17.6 KIIT-DU Inks MoU with NCCBM

On February 1, 2022, KIIT Deemed to be University (KIIT-DU) established a significant Memorandum of Understanding (MoU) with the National Council for Cement and Building Materials (NCCBM). The primary aim of this MoU is to foster collaboration and enhance long-term partnership in Research and development between KIIT-DU and NCCBM. The agreement was formally signed by Prof. Sasmita Samanta, Vice-Chancellor of KIIT-DU, and Dr. Bibekananda Mohapatra, Director General of NCCBM, witnessed by key personnel including Pro-VC, Registrar, and Deans from KIIT-DU. Prof. Samanta highlighted the mutual benefits of this collaboration in academic and research ventures, spanning diverse areas of expertise. Dr. Mohapatra emphasized the potential for joint R&D initiatives focused on industrial waste management and the creation of industry-relevant academic programs.

Fig. 17.6: MoU with NCCBM

https://news.kiit.ac.in/mou/kiit-du-inks-mou-with-nccbm/

17.7 1st World Leadership Convention at KIIT on 'World is One'

The 1st World Leadership Convention on 'World is One,' held on February 5, 2022, was a collaborative effort between the World Leadership Academy (WLA) and KIIT DU. The convention saw prominent voices sharing insights and perspectives on global unity, wisdom, and education's transformative role.Dr. Ramesh Pokhriyal Nishank, Former Union Minister of Education and Hon'ble Member of Parliament emphasized India's historical leadership and its potential to lead

the 21st century. Shri Ram Madhav, an Eminent Thinker and writer, stressed the need for wisdom to uphold the world's unity, while

Fig. 17.7: 1ˢᵗ World Leadership Convention

https://news.kiit.ac.in/kiitnews/37268/

Dr. Achyuta Samanta, Founder of KIIT & KISS, highlighted the institution's commitment to humanity and compassion.The event marked the launch of WLA's initiatives, including the 'L-Index,' a digital library, and a project database.Prof. Sasmita Rani Samanta, Vice Chancellor of KIIT-DU and president of WLA, encapsulated the academy's mission to bring together diverse stakeholders for positive global transformation.

17.8 KLS Joins Hand with NLSIU for Department of Justice Project in Odisha

On February 1, 2022, a significant collaboration unfolded as KIIT Law School (KLS) joined forces with the esteemed National Law School of India University (NLSIU), Bangalore. This partnership marked the initiation of a two-year project named "Pan India Legal Literacy and Legal Awareness Programme" in Odisha, made possible by the Department of Justice, Ministry of Law and Justice, Government of India. The project, steered by NLSIU's Centre for Environmental Law, Education, Research and Advocacy (CEERA), strives to disseminate legal literacy across aspirational districts in six states.KLS, acting as the Nodal Agency for Odisha, will play a pivotal role in executing the project's objectives. These include widespread legal literacy dissemination, crafting a comprehensive communication strategy involving digital and social media platforms,

devising effective and sustainable legal awareness campaigns, orchestrating workshops, legal aid competitions, and event launches, and fostering youth engagement through workshops in colleges, schools, and institutions.The project's execution in Odisha will be overseen by Dr. Bishwa Kallyan Dash, appointed as the State Coordinator. The collaboration was formalized through a signing ceremony between Prof. (Dr.) Bhabani Prasad Panda, Director of KLS, and Prof. (Dr.) Sairam Bhat, Professor & Coordinator of CEERA at NLSIU. This venture signifies a concerted effort to enhance legal literacy and awareness, ultimately contributing to informed and empowered communities across the region.

https://news.kiit.ac.in/schools/law/kls-joins-hand-with-nlsiu-for-department-of-justice-project-in-odisha/

17.9 KIMS Starts Collaborative Research Project with NIV Mumbai and WHO

The eradication of polio stands as a paramount initiative for the World Health Organization (WHO). In conjunction with the National Institute of Virology (NIV) in Mumbai, an essential project has been launched to identify poliovirus and related enteroviruses among patients with primary immunodeficiency. This collaborative endeavor spans 21 esteemed institutions across India, including renowned names like Wadia Hospital Mumbai, PGI Chandigarh, SGPGI Lucknow, and NIMS Hyderabad.On February 17, 2022, a joint delegation from WHO and NIV Mumbai visited KIMS for a comprehensive assessment of site readiness and to provide necessary training.

Fig. 17.8: Collaborative Research with NIV Mumbai and WHO

During the visit, the team familiarized themselves with KIMS and KIIT Deemed to be

University, assessing both laboratory and hospital facilities. Interactions with Prof. A. K. Praharaj, HOD of Microbiology, and Dr. Raj Kumar Patra, Consultant at the Molecular Lab, were integral to their assessment. Impressed by the arrangements, the team granted KIMS permission to initiate the project, subsequently providing crucial training for the site investigators.This collaborative endeavor reflects a vital step towards enhancing public health and advancing scientific understanding.

https://news.kiit.ac.in/kims/kims-starts-collaborative-research-project-with-niv-mumbai-and-who

17.10 KIIT & KISS Inks MoU with the University of Malaga, Spain

On February 21, 2022, KIIT & KISS in Bhubaneswar solidified a meaningful partnership by signing a Memorandum of Understanding (MoU) with the University of Malaga (UMA) in Spain. This MoU is a testament to their shared commitment to fostering academic and educational cooperation. It primarily aims to nurture collaborative research initiatives, joint academic activities such as webinars, conferences, and workshops, and the publication of research findings.

In his address, Professor Deepak Kumar Behera, KISS, highlighted the significance of the MoU, emphasizing the exchange of academic, research, and administrative personnel, as well as collaborative research projects and training activities. The MoU between KIIT & KISS and UMA not only underscores their mutual interests but also sets the stage for a vibrant exchange of knowledge and ideas, fostering international collaboration for the betterment of education and research.

Fig. 17.9: MoU with University of Malaga, Spain

https://university.kiss.ac.in/posts/kiss-du-spain/

17.11 KIIT & KISS Inks MoU with GSDS

On April 7, 2022, KIIT & KISS entered into a significant partnership by signing a MoU with Gandhi Smriti and Darshan Samiti (GSDS), under the Ministry of Culture, Government of India. The MoU aims to establish a collaborative platform to advance the ideals of Gandhi, focusing on peace, nonviolence, and dialogue through the Gandhi Peace, Nonviolence, and Dialogue Study Centre.

The agreement entails adopting a syllabus on Nonviolent Communication jointly developed by both entities, offering Short-term Certificate Courses to KIIT & KISS students. Professor Deepak Kumar Behera, KISS, highlighted the upcoming World Anthropology Congress and proposed sessions aligned with the theme of peace with GSDS's support. Mr. Dipanker Shri Gyan, Director of GSDS, commended KIIT & KISS's developmental work and stressed the importance of nonviolent communication in curbing societal issues. Dr. Vedavyas Kundu, Programme Officer at GSDS, elaborated on the organization's various centers, emphasizing conflict resolution and global citizenship education. This MoU signifies a promising alliance dedicated to Gandhian principles for positive societal transformation.

Fig. 17.10: MoU with GSDS

https://university.kiss.ac.in/posts/KIIT & KISS-inks-mou-with-gsds/

17.12 John Hopkins Bloomberg School of Public Health & KIIT & KISS Explore Prospects of Research Partnership

KIIT & KISS and the Bloomberg School of Public Health, Johns Hopkins University, are exploring a potential partnership in the realm of 'Climate Change Communication,

Community Empowerment, and Advocacy: Local Action for Global Impact'. Professor Rajiv Rimal from Johns Hopkins recently held discussions with Professor Deepak Kumar Behera, KISS, and other officials on April 16, 2022. Professor Rimal is engaged in a climate change project funded by the National Science Foundation of the US. The envisioned project involves gathering real-time air pollution data via Geo-Stationary Monitors from India and establishing data analysis protocols. The data would encompass not only air pollution levels but also health impacts on local communities. KIIT & KISS's potential for collaborative research in Odisha's tribal areas was emphasized during the meeting, with the availability of satellite centers discussed. The project's scope includes addressing the adverse health effects of air pollution due to deforestation and mining on tribal populations. The collaborative initiative holds promise for knowledge generation and community-based environmental management.

Fig. 17.11: Research Partnership between John Hopkins Bloomberg School of Public Health & KIIT & KISS

https://university.kiss.ac.in/activities/johns-hopkins-bloomberg-school-of-public-health-KIIT & KISS-explore-prospects-of-research-partnership/

17.13 KIIT & KISS to Become Knowledge, Logistical Hub of FIFA's 'Football for School' Initiative

FIFA, the global Football Governing Body, has solidified its collaboration with Kalinga Institute of Social Sciences (KISS) in Bhubaneswar, aiming to bolster the 'Football for School' program in Odisha and expand its reach across India and South Asia. A letter of intent was signed between FIFA Foundation

CEO Youri Djorkaeff and KIIT & KISS Founder Dr. Achyuta Samanta. This pact outlines their commitment to exploring opportunities, focusing on expanding the Football for Schools initiative, currently active in ten FIFA Member Associations. KISS, chosen by FIFA as the focal point for promoting football, aligns with Odisha Chief Minister Naveen Patnaik's push for sports. KIIT & KISSlaunched India's inaugural FIFA Football for School Program last year, and this development marks a significant step forward in their partnership. The agreement designates KIIT & KISSas a knowledge and logistical hub for Football for Schools training and ball distribution.

During the signing, Mr. Djorkaeff expressed enthusiasm, noting football's power to inspire globally. Dr. Samanta commended Chief Minister Patnaik's support for sports and anticipated positive impacts on millions of children in the region. Football enthusiasts have welcomed this collaboration, seeing it as a way to enhance the game's reach and impact. The strengthened ties between FIFA and KIIT & KISSunderscore their shared commitment to using football for positive change.

Fig. 17.12: FIFA's 'Football for School' Initiative

https://news.kiit.ac.in/kiss/kiss-to-become-knowledge-logistical-hub-of-fifas-football-for-school-initiative/

17.14 KIIT & KISS Inks MoU with IBRAD

KIIT & KISS and the Indian Institute of Bio-social Research and Development (IBRAD), an esteemed Centre of Excellence in Sustainable Tribal Development under the Ministry of Tribal Development, Kolkata, joined hands on July 6, 2022, by signing an MoU. This strategic collaboration aims to foster multifaceted cooperation in several key areas. The partnership encompasses the organization of residential training programs, collaborative research and field activities, and hosting

national and international seminars, symposia, and conferences on shared interests.

Fig. 17.13: MoU with IBRAD

https://university.kiss.ac.in/posts/KIIT & KISS-inks-mou-with-ibrad/

It further includes the exchange of human resources, facilitating short-term internships for specific assignments, and the mutual exchange of e-resources, audio-visuals, and documentary videos.One of the remarkable goals is the successful organization of the World Anthropology Congress in 2023. Additionally, the institutions plan to establish a mini tribal museum at KIIT & KISS and community museums at village levels, with a special focus on Particularly Vulnerable Tribal Groups (PVTGs), leveraging the support of IBRAD. This MoU underscores the commitment of both KIIT & KISS and IBRAD to collaborate comprehensively in academic, research, and community development endeavors, collectively contributing to the holistic growth and empowerment of tribal communities while preserving their heritage.

17.15 KIIT-DU Signs MoU with Alliance Française to Promote Learning of French Language

Prof. Sasmita Samanta, Vice-Chancellor, KIIT Deemed to be University, Bhubaneswar signed an MoU with Mr. Nicolas Facino, Director, Alliance Française du Bengale on 1st August, 2022 to promote learning of French language and culture among University students for better career avenues. The MoU ceremony was followed by interaction of Mr. Facino with students from various Schools of the University in presence of Prof. (Dr.) Beerendra Pandey, Dean, KIIT School of Language (KSOL), Prof. (Dr.) Anita Pati, Dean, KIIT International Relations Office (KIIT-IRO), Mr. Vikas Kumar

Sabata, Joint Director, KIIT-IRO, and Mr. Sameer Kumar Das, Deputy Director, KSOL.

Fig. 17.14: MoU with Alliance Française

https://news.kiit.ac.in/mou/kiit-du-signs-mou-with-alliance-francaise-to-promote-learning-of-french-language/

17.16 KIIT Signs MoU with Indo Asia Copper Ltd.

KIIT Deemed to be University (KIIT-DU) and IndoAsia Copper Ltd., a wholly owned subsidiary of Kiri Industries Ltd., signed a Memorandum of Understanding (MoU) for collaboration on various aspects of industrial R&D activities on 16th August 2022. Speaking at the signing ceremony, Prof. Sasmita Samanta, Vice Chancellor, KIIT Deemed to be University outlined the achievements of the University. Prof. Benu Gopal Mohapatra, Director, Consultancy Services highlighted the possible areas of mutual collaboration. Prof. Suraj Tripathy, Associate Dean, KIIT School of Chemical Technology highlighted the various dimensions of the existing industrial collaborations and future engagement opportunities with Indo Asia Copper Ltd.

Fig. 17.15: MoU with Indo Asia Copper Ltd

https://news.kiit.ac.in/mou/kiit-signs-mou-with-indoasia-copper-ltd/

17.17 KIIT & KISS Inks MoU with Indian Accounting Association

The School of Tribal Resource Management, under the aegis of KIIT & KISS and Indian

Accounting Association, Bhubaneswar Branch, signed a Memorandum of Understanding (MoU) on17th August 2022. This collaboration relates to the key areas of joint research including publications and activities between students and staff; jointly undertaking academic and research work on issues relating to socioeconomic exclusions, deprivations and inclusive growth of tribal and other backward communities, etc. The signing ceremony was graced by Professor Deepak Kumar Behera, Vice Chancellor KISS, Dr. Rabindra Kumar Swain, Secretary, Indian Accounting Association (IAA), Bhubaneswar Branch. Speaking at the signing ceremony, Prof. Behera outlined the benefits this collaboration will bring to the students.

Fig. 17.16: MoU with Indian Accounting Association

https://news.kiit.ac.in/kiss/kiss-du-inks-mou-with-indian-accounting-association/

17.18 KIIT & KISS Wins Prestigious UNESCO International Literacy Prize 2022

Kalinga Institute of Social Sciences (KISS), Bhubaneswar has won the prestigious UNESCO King Sejong Literacy Prize 2022 for its outstanding literacy programme based on the recommendations of an international jury. The UNESCO King Sejong Literacy Prize is sponsored by the Government of the Republic of Korea and recognizes contributions to mother language-based literacy development. KIIT & KISS has received the award in the category of 'Mother Tongue Based Multilingual Education' programme'.The award was presented at a global award ceremony organized by UNESCO in Côte d'Ivoire on 8 and 9 September 2022 to celebrate International Literacy Day. The programme aims to tackle the challenges of poor retention of indigenous students in elementary schools due to classroom language barriers and teachers' incapacity to deal with multilingual and multicultural classrooms effectively.

Fig. 17.17: Prestigious UNESCO International Literacy Prize 2022

https://news.kiit.ac.in/achievements/kiss-wins-prestigious-unesco-international-literacy-prize-2022/

17.19 KIIT & KISS Signs MoU with ICAI, Kolkata

The Kalinga Institute of Social Sciences (KISS) and The Institute of Chartered Accountants of India (ICAI), Kolkata signed a Memorandum of Understanding (MoU) on 17th September 2022 to launch a series of initiatives for the educational enrichment of KIIT & KISS students. Expressing happiness over the agreement, CMA Raju Iyer, President,Indian Accounting Association informed that an Incubation Centre will be set up for the students very soon. While suggesting various courses for students and outlining the benefits of programmes like 'Train the Trainers', he said, ten students will get free scholarships to pursue courses and Articleship based on their merit and performances. Speaking on the occasion, Professor Deepak Kumar Behera, KISS outlined the importance of value-added activities that the students can get from this collaboration and ultimately enhance their knowledge and skills as per the needs of the market. CMA Niranjan Mishra, Central Council Member, ICAI spoke on the topic 'Forensic Accounting: Regulations against Fraudulent Shells'. Participation in national and international seminars, lectures and quizzes are some of the benefits that students will get from this collaborative step, informed Dr. Snigdharani Panda, Dean, School of Tribal Resource Management, KISS.

Fig. 17.18: MoU with ICAI, Kolkata

https://news.kiit.ac.in/mou/kiss-du-signs-mou-with-icai-kolkata/

17.20 KIIT & KISS Inks MoU with ICFAI, Kolkata

The Kalinga Institute of Social Sciences (KISS) and The Institute of Chartered Financial Analysts of India (ICFAI), Kolkata signed a Memorandum of Understanding (MoU) on 19th September 2022 to initiate joint academic and research work on areas of exclusion and deprivations. Speaking at the signing ceremony, Dr. Ajay Pathak, Director, IBS stated that KIIT & KISS is one of the most significant institutions and expressed his happiness over the collaboration. Several activities, events, and courses for the students as well as training programs for the teachers will be initiated under the agreement, he assured. Highlighting the common goals of KIIT & KISS and ICFAI, Prof. Deepak Kumar Behera, Vice Chancellor, KISS said that both the institutions are visionary and change agents for society.

Fig. 17.19: KIIT & KISS MoU with ICFAI

https://news.kiit.ac.in/mou/kiss-du-inks-mou-with-icfai-kolkata/

17.21 KIIT Signs MoU with Inje University, Republic of Korea

KIIT Deemed to be University (KIIT-DU) and AI Convergence College & Institute of Digital Anti-aging Healthcare, Inje University, Republic of Korea signed a Memorandum of Understanding (MoU) to collaborate on various aspects of academic and research on 26th September 2022 on virtual platform. Speaking at the signing ceremony, Prof. Sasmita Samanta, Vice Chancellor, KIIT-DU outlined the achievements of the university. Prof. Jnyana Ranjan Mohanty, Registrar highlighted the research potential of the university. Prof. Sushanta Tripathy, School of Mechanical Engineering discussed the potential areas of mutual collaboration and emphasized the role of students in carrying out high-end research.

Prof. Hee-Cheol Kim, Dean of AI Convergence College, Inje University, Republic of Korea thanked the leadership of KIIT-DU for extending support for the MoU. He acknowledged the tremendous potential of the KIIT researchers in developing digital technologies and supporting the industries especially, the health sector. Prof. Steven Yong-Suk Kim, Inje University outlined the benefits this collaboration will bring to the students. Finally, the Officer of International Affairs, Inje University introduced the Global Scholarship Korea (GSK) Program.

Fig. 17.20: MoU with Inje University

https://news.kiit.ac.in/mou/kiit-signs-mou-with-inje-university-republic-of-korea/

17.22 Kalinga-Stockholm Centre for Excellence in International Affairs Inaugurated at KIIT & KISS

The Kalinga Institute of Social Sciences (KISS) launched Kalinga-Stockholm Centre for Excellence in International Affairs, in an impressive inaugural ceremony at KIIT & KISS premises on 17th October 2022. The Centre, established in close collaboration with the Institute for Security and Development Policy (ISDP), Stockholm, will work towards drawing principles from indigenous perspectives to address contemporary policy challenges in the Indo-Pacific region, with regard to biodiversity

and climate change. It will also focus on putting together an influential body of literature on the indigenous communities in the region, along with offering a platform for the various indigenous communities across the Indo-Pacific region, to exchange information and work out a common series of approaches to security, development and governance studies and research.

Fig. 17.21: Kalinga-Stockholm Centre for Excellence in International Affairs

https://news.kiit.ac.in/kiss/kalinga-stockholm-centre-for-excellence-in-international-affairs-inaugurated-at-KIIT & KISS/

17.23 KIIT Conferred Rashtriya Khel Protsahan Puruskar 2022- Founder of KIIT & KIIT & KISS receives the Award from Hon'ble President Draupadi Murmu

Kalinga Institute of Industrial Technology (KIIT) received the prestigious Rashtriya Khel Protsahan Puruskar 2022, presented by Hon'ble President Draupadi Murmu to Dr. Achyuta Samanta, the Founder of KIIT and KISS. This award recognizes KIIT's dedicated efforts in promoting sports and sports-related infrastructure since its establishment.

Fig. 17.22: Rashtriya Khel Protsahan Puruskar 2022

Dr. Samanta expressed gratitude to the President and the Government of India for this honor, highlighting KIIT's commitment to both education and sports development. He acknowledged the support of Odisha Chief Minister Naveen Patnaik, who has played a significant role in elevating sports in the state.

Over the past two decades, KIIT has made significant contributions to the promotion of sports, including providing education and training to numerous athletes. The university has nurtured Olympians like Dutee Chand, CA Bhavani Devi, Shivpal Singh, and Amit Rohidas. The award is a source of pride and joy for the entire KIIT community, and Dr. Samanta dedicated it to all the students and staff members who have contributed to KIIT's sporting success.

https://news.kiit.ac.in/kiitnews/kiit-conferred-rashtriya-khel-protsahan-puruskar-2022-founder-of-kiit-kiss-receives-the-award-from-honble-president-draupadi-murmu/

17.24 Norwegian Ambassador to India Delivers Talk at KIIT

As part of KIIT's Silver Jubilee celebrations, KIIT Law School (KLS) and the KIIT International Relations Office hosted His Excellency Mr. Hans Jacob Frydenlund, the Norwegian Ambassador to India, on November 30, 2022. During his talk, Ambassador Frydenlund emphasized India's growing geopolitical importance, large population, extensive coastline, and robust economy, positioning it as a significant regional and global player, particularly in the Asia-Pacific region. He highlighted the shared values of consistency and predictability between Norway and India.

Ambassador Frydenlund also discussed Norway's efforts to minimize conflicts and provided insights into how the Russia-Ukraine war has impacted Norway's foreign and security policy. Climate change emerged as a central theme, with the Ambassador stressing its global implications, including food production, health, and infrastructure. He underscored India's crucial role in combating climate change and emphasized Norway's commitment to reducing greenhouse gas emissions by at least 40% by 2030.The Ambassador also contributed books to the KLS library, symbolizing the growing relationship between KIIT and the Norwegian Government.

Fig. 17.23: Norwegian Ambassador to India Delivers Talk

Norwegian Ambassador to India Delivers Talk at KIIT | KIIT University News & Events

17.25 FIVB Signs MoU with KIIT & KISS for Volleyball Promotion in India & South Asia

In a groundbreaking move, the International Volleyball Federation (FIVB) has entered into a significant Memorandum of Understanding (MoU) with the Kalinga Institute of Social Sciences (KISS) to advance youth volleyball in India and South Asia. The MoU, signed between FIVB President Dr. Ary S. Graça F and KIIT & KISS Founder Prof. (Dr.) Achyuta Samanta at FIVB Headquarters in Lausanne, Switzerland, marks the first-ever collaboration of FIVB with an educational institution to popularize and boost the sport.

Under this partnership, KISS, renowned as the world's largest university for indigenous students, will transform into a center of excellence for volleyball training and related educational opportunities, further propelling the growth of volleyball in India. Additionally, KIIT & KISS will serve as a training hub for national youth volleyball teams, providing specialized training and educational programs for aspiring athletes, fostering the sport's development in the region.

Fig. 17.24: MoU with FIVB

https://news.kiit.ac.in/mou/fivb-signs-mou-with-kiss-for-volleyball-promotion-in-india-south-asia/

17.26 KSPH Selected for CUGH's Academic Partnership Program Initiative

The KIIT School of Public Health (KSPH) has earned a prestigious opportunity by being selected for the Consortium of Universities for Global Health (CUGH) one-year Academic Partnership Program Initiative (APPI). CUGH, a prominent organization headquartered in Washington, DC, with over 170 member institutions worldwide, including renowned universities like Harvard, Stanford, and Johns Hopkins, is dedicated to addressing global health challenges. The Academic Partnership Program Initiative (APPI) is designed to pair institutions with significant experience in education programs with academic leaders seeking guidance to enhance their training programs in various disciplines, both biomedical and non-biomedical.

https://news.kiit.ac.in/ksph/ksph-selected-for-cughs-academic-partnership-program-initiative/

17.27 KIIT Signs MoU with NBCC; Skill-Based Training for KIIT & KISS Students

KIIT Deemed-to-be-University has solidified a significant partnership with the National Building Constructions Corporation (NBCC) aimed at equipping students from both KIIT and KIIT & KISSwith industry-relevant skills. The Memorandum of Understanding (MoU) signing ceremony was graced by the presence of Dr. Achyuta Samanta, the Founder of KIIT-KISS, and NBCC's GM HR, Debasis Satapathy. Under the terms of the MoU, KIIT and KIIT & KISSstudents, particularly those from marginalized backgrounds such as SC/ST and economically disadvantaged sections, will receive skill development and industry-focused internship training. Dr. Samanta also urged NBCC to consider establishing a research facility on the KIIT campus, emphasizing KIIT's remarkable growth and its high national and international rankings.

https://news.kiit.ac.in/kiit-events/mun/kiit-signs-mou-with-nbcc-skill-based-training-for-kiit-kiss-students/

Conclusion

The University's motto and belief in 'Education for All' has immense effect in the development of the indigenous communities and is successful in producing skilled and responsible workforce for the country who are expected to contribute to the nation and the world in attaining the SDGs through their profession, practice and beliefs in near future. It is believed that education is a powerful tool to achieve the targets set for various SDGs and it is continually engaging in different activities to reach out to all segments of the society in this regard.

The University's Center of Excellence for Sustainability and Equity has been specially established to frame policies and strategies in contributing to the Sustainable Development Goals through multifarous initiatives. Strong focus is being given to research activities in social science, human life, environment and science and technology in those directions that will help in attaining the targets set for 2030. The Center of Excellence is also working with the Community Engagement Center of the University to extend its reach not only in he state but also across the country. The University aims to continue working for the benefits of the society in alignment with the various Sustainable Development Goals (SDGs) of the United Nations.

The University is also working in close association with its sister organization, Kalinga Institute of Social Sciences, the internal student societies and the Government in this direction to contribute to the attainment of the sustainable development goal. The University's community engagement policies and activities are oriented towards attaining Sustainable Development Goals (SDGs) It is believed that education is a powerful tool to achieve the target set for various SDGsand it is continually engaging in different activities to reach out to all segments of the society in this regard. The University aims to work for the benefits of the society in alignment with the various Sustainable Development Goals (SDGs) of the United Nations. The University works in close association with its sister organization, Kalinga Institute of Social Sciences, its internal societies and the Government in this direction to make the feat a reality.

The more details can be found in following links

Link for Community Engagement
https://kiit.ac.in/community-engagement/

Link for Activities during Covid-19
https://kiit.ac.in/covid-19-news/

Link for NSS
https://nss.kiit.ac.in/

Link for KIIT Event:
https://news.kiit.ac.in/

Link for AOG
https://artofgiving.in.net/

Link for Kanyakiran
https://kanyakiran.com/

Link for MOUs and Research Collaboration
https://kiit.ac.in/collaborations/

Link for KIIT Sustainability
https://sustainability.kiit.ac.in/

Link for KIIT Research
https://kiit.ac.in/research/

Link for KIIT Placement
https://kiit.ac.in/training-placement/

Link for KIIT Sports
https://kiit.ac.in/campuslife/sports/

List of Major MOUs are provided in **Appendix-VI**

Outcome & Impact

The following table summarizes the impact in terms of children/students/people motivated and benefitted through the different initiatives:

Initiatives	Children/ students/ people motivated and benefited
SDG in Curriculum	25000+
Educating the general public through lectures, conferences, seminars, webinars	350000+
Educating tribal students through Kalinga Institute of Social Sciences (KISS)	25000+
Educational events through Open Day Programme	2000+
Adoption of schools in rural areas	5450+
Adoption of panchayats and villages	8500+
Learning Development Centers	15000+
Educational summits	85000+
Establishment of Centres of Exellence in collaboration with industry to facilitate the work on SDG s	25000+ students and 1800+ faculty benefited 37 CoEs functional
Dedicated SDG centre	1.7 lakh + people benefited
Activities by students under NSS/NCC/YRC	28000+
Kanya Kiran	36700+
Skill development programs	17000+
Entrpreneurship Camp	6000+
TEDx KIITUniversity	1500+
KIIT Students Activity Society	20000+
Online Education (KIITX, Youtube Video Lectures etc.)	7500+
KIIT Legal Aid Clinik	5000+
Art of Giving	35 million+ (till date)
Capacity Building Programme	1500+
Mentoring under Paramarsh Scheme (University Grant Commission)	32 Institutions
Other outreach programs and awareness camps	15000+

Appendices

Appendix I: KISS and its branches

❖ Kalinga Institute of Social Sciences – KISS, Bhubaneswar, India is a fully free, fully residential home for 30000 poor indigenous/tribal children who are provided holistic education from kindergarten to post graduation along with lodging, boarding, health care facilities besides vocational, life skills empowerment. Details can be found at URL link: https://kiss.ac.in/about/

❖ The University plans to educate 2,00,000 indigenous (tribal) children over the next decade and in the process of setting up branches in 10 states, with the support of respective state governments, and in all 30 districts of Odisha. Students are high achievers in academics, co-curricular activities and national and international sports, making it a highly successful model of tribal empowerment through education. KISS has so far set up centers in Delhi, Mayurbhanj, Balasore are currently Functioning KISS Delhi is a joint venture of Govt. of National Capital Territory (NCT) of Delhi and KISS Bhubaneswar to provide quality education and vocational training to the children belonging to the economically weaker section of the society and orphans is a fully free residential school presently has student strength of 1200 and imparts education from Class I to Class XII under Central Board of Secondary Education (CBSE) curriculum. The School is fully supported by the Govt. of Delhi and managed by the Chief Executive Officer, KISS Delhi and his team very successfully. Details can be found at URL link: https://kissdelhi.ac.in/

❖ Set up in Baripada in association with Adani Foundation, Ahmadabad KISS - Mayurbhanj provide quality education to the underprivileged tribal children of the tribal dominated district as well as neighboring districts https://www.adanifoundation.org/ . 'Oswal- KISS Residential School' has been established in Bolangir,Odisha in association with Oswal Group http://www.oswalgroup.com/

❖ The School will provide quality education to the underprivileged tribal children of the district and adjoining areas. Recognizing the success of KISS model in Bhubaneswar, Bangladesh is all set to replicate a congruent version of it in Dhaka and Jessore. Branch at Dhaka is being set up in association with Daffodil International University, Dhaka. Jessore Branch is supported by 'Banchte Shekha', a leading NGO led by Dr. Angela Gomes, Ramon Magsaysay Laureate. KISS shall provide technical and managerial support for the functioning of the two branches.

❖ A new branch of KISS is being established in Kolkata, West Bengal, in collaboration with 'Help Us Help Them', a Kolkata based NGO that promotes the same cause. The school shall be a residential school for over 1000 children and will have the same structural model as KISS.

❖ Emami KISS Residential School is a joint venture with Emami Group (http://www.emamiltd.in/). Modeled along the lines of the original, innovative campus at KISS, it is functioning as a residential academic centre providing holistic education, accommodation, food, health care, study material and sports training to its students free of cost. The Emami-KISS is a fully free residential school like KISS-Bhubaneswar. In the first phase, the school will have the strength of 1200 students from standard-1 to standard-12 and provide quality education to poor and underprivileged children under the CBSE curriculum. Emami-KISS would be the asset of the people of Balasore. Faculty members and students from Kalinga Institute of Industrial Technology, regularly visit KISS branches to contribute in academic activities and educational ventures to its students round the year.

❖ KISS Kalahandi is a sprawling eco-friendly and Wi-Fi green campus has come up at Badli under Bhawanipatna Block in the Kalahandi District. KIIT has built the KISS-Kalahandi campus. It has entailed an investment of Rs. 50 crore for land and infrastructural development and setting up of mechanized kitchen, a 25-bed hospital, furniture and fixture and other facilities in the 1,20,000 sq.ft built-up area. In the first phase, the school will have the strength of 1200 students from standard-1 to standard-12 and provide quality education to poor and underprivileged tribal children of Kalahandi District.

Appendix II: Major Guest Lectures, Seminars ,Workshops, Conferences towards SDGs During 2022

Sl. No	Event type	Title of the event	Starting Date	Participants
1	National Seminar	National Seminar & Training Programme on 'Plasma, Its Applications and Energy from Nuclear Fusion'	01.01.2022	155
2	National Workshop	National Workshop on Innovative Technological Approach to Transform Nursing Education & Practice at KINS	03.01.2022	169
3	Webinar	KISS Organizes Webinar on 'Greening of Romanticism and Romanticization of Greenness: A Reading of Wordsworth and Tagore from Eco-theological Perspective'	07.01.2022	170
4	Knowledge Dialogue Session	KSOM Organizes Knowledge Dialogue Session on "Mental Health: Conquering the World with Wellness"	17.01.2022	207
5	Tech Talk	Tech Talk on " IoT and Industry 4.0" at School of Electronics Engineering	17.01.2022	128
6	Alumni Talk	Alumni Talk at KIIT School of Public Health	19.01.2022	151
7	Guest Lecture	Dr. Tarun Chhabra Speaks on"Toda Landscape"	20.01.2022	81
8	Webinar	KSOFT Organizes "Product Design" Webinar in Collaboration with Maitri Global Education, Italy	20.01.2022	196
9	Guest Lecture	KIIT School of Computer Engineering Organizes Lecture on "Digitizing Physical Intelligence"	23.01.2022	267
10	International Conference	ICDCIT 2022 Inaugurated at KIIT	24.01.2022	387
11	Knowledge Series	KSMC Faculty Speaks at Knowledge SeriesOrganized by Agzistence	24.01.2022	185
12	Alumni Talk	KINS Organizes Alumni Talk	24.01.2022	198
13	e-Seminar	KINS Organize e-Seminar on Research Approaches & Design	25.01.2022	123
14	Alumni Talk	KSMC Organizes Alumni Talk Series	25.01.2022	387
15	Alumni Talk	Alumni Tech Talk on Future in Industry-based Embedded Electronics	25.01.2022	80
16	Knowledge Series	Career Advisory & Augmentation School Organizes Session on Industry 4.0 Technologies & Applications	26.01.2022	214
17	Alumni Talk	KIIT School of Public Health Organizes Alumni Talk	27.01.2022	48
18	Workshop	Workshop on "Changing Facets of ContractLaws"	27.01.2022	152
19	Skill Development	Skill Development Session at KIIT Law School	28.01.2022	305

	Session			
20	International Conference	KIIT School of Mechanical Engineering Organizes International Conference Thermofluids and Manufacturing Science -2022	28.01.2022	251
21	Alumni Talk	KIIT School of Electrical Engineering Organizes Alumni Talk	29.01.2022	71
22	International Conference	International Conference on Thermofluidsand Manufacturing Science Concludes at KIIT	31.01.2022	439
23	Guest Lecture	KIMS Doctor Delivers Lecture on Role of Medical Colleges in National LeprosyEradication Program	31.01.2022	83
24	Webinar	KIIT Law School Organizes Webinar on 'Procedure & Technicalities of Investigation of Criminal Cases	01.02.2022	98
25	Webinar	Webinar on "Recent Trends in Antenna Technology for Satellite Communication" at KIIT School of Electronics Engineering	01.02.2022	129
26	International Conference	18th International Conference on Distributed Computing and Intelligent Technology 2022 at KIIT	01.02.2022	347
27	Webinar	National Webinar on "Methods in SocialScience Research" at KIIT Law School	02.02.2022	131
28	Webinar	National Webinar on "Practical Challengesof Trial Advocacy" at KIIT Law School	03.02.2022	123
29	Workshop	KISS Organizes Online Workshop on Awareness Programme on Cyber Security	03.02.2022	450
30	Webinar	KSOM's Knowledge Dialogue Series Webinar on 'Blockchain Surge: Beginner's Insight'	03.02.2022	134
31	Webinar	KIIT Law School Organizes Webinar on 'Structural Dynamics of Code of Criminal Procedure'	04.02.2022	118
32	Webinar	KINS Organizes National Webinar on "Revitalizing & Creating a Positive Environment for Nursing Practice"	04.02.2022	162
33	Convention	1st World Leadership Convention in KIIT India would be the world leader: Dr.Ramesh Pokhriyal Nishank	06.02.2022	182
34	Workshop	Kraya & Kuber Society of KSAC ConductsFinance Workshop 2.0	08.02.2022	288
35	Conclave	KSRM Organizes 3rd National Rural Management Conclave	09.02.2022	220
36	Webinar	International Webinar on Kalinga-Lanka Cultural Links at KISS	10.02.2022	106

37	Webinar	E Labs Society of KIIT School of Electronics Engineering conducts Webinar on "BigData Engineering on Cloud Platforms"	11.02.2022	125
38	Colloquium	KIDS Organizes "ISP Colloquium 2022"	15.02.2022	85
39	Conference	SOEE Organizes 1st International Springer Conference on Smart Technologies for Power & Green Energy	17.02.2022	474
40	Workshop	"Konverse with Kalliope" – A Workshop onPublic Speaking by KSAC	17.02.2022	203
41	Guest Lecture	KINS Organizes Guest Lecture on "How to Write a Research Proposal"	18.02.2022	73
42	Alumni Talk	KSRM Organizes Alumni Talk	19.02.2022	149
43	Konclave	1st National Construction Management Konclave at KIIT	21.02.2022	170
44	International Webinar	KISS Organizes International Webinar on 'Tribal Administration & Development inIndia'	21.02.2022	307
45	Webinar	KISS Organizes Webinar on 'Computational Gastronomy: A Data ScienceApproach to Food'	21.02.2022	128
46	Guest Lecture	Guest Lecture at KIIT Law School on Inter- Relationship between Part III, Part IV & Part IVA of the Constitution of India in the Present Day Context	22.02.2022	251
47	Guest Lecture	KINS Organizes Guest Lecture on "Randomized Controlled Trial"	23.02.2022	181
48	Guest Lecture	G.M. University & KISS Jointly Organize Lecture on Bhima Bhoi	23.02.2022	196
49	e - Seminar	KINS Organizes e - Seminar on "NursingProcess"	23.02.2022	267
50	Virtual Alumni Meet	KSOM Conducts First Virtual Alumni Meet	24.02.2022	110
51	Guest Lecture	KSMC Faculty Delivers Expert Talk at Webinar Series of Communication Today	24.02.2022	85
52	Webinar	KSRM Organizes Webinar on Perspectivesin Development	25.02.2022	298
53	Guest Lecture	KIMS Organizes Guest Lecture on "Porosomes – The Secretory Machinery inCells"	25.02.2022	123
54	Guest Lecture	KSOM Professor Speaks on Biological Warfare	25.02.2022	187
55	Webinar	KSOL & TECC Organize Webinaron Scholarship in Taiwan	25.02.2022	80
56	Alumni Talk	School of Computer Engineering o rganizes Alumni Talk	28.02.2022	114
57	Webinar	KIIT Law School Organizes Webinar on Liquidation Process under Insolvency andBankruptcy Code, 2016	28.02.2022	108

58	Conference	KSOM Conducts International Conferenceon Management Research	01.03.2022	252
59	Guest Lecture	KSOL Organizes Lecture Series on Critical Thinking in Literary Analysis	01.03.2022	105
60	Alumni Talk Series	'Alumni Talk Series: KAMYA' Organized by KIIT School of Electrical Engineering	02.03.2022	197
61	Alumni Talk Series	Alumni Talk Series at KIIT School of Computer Engineering	02.03.2022	108
62	Webinar	Knowledge Dialogue Series Webinar at KSOM	03.03.2022	108
63	National Seminar	Inauguration of National Seminar on "Sustainable Development with WomenEmpowerment"	03.03.2022	91
64	Guest Lecture	Department of International Law and KIITLaw School MUN Society Organize Guest Lecture on Russia-Ukraine War	03.03.2022	46
65	Counselling Session	Counselling Session on "Intellectual Property Protection in Cyberspace" at KIITLaw School	04.03.2022	221
66	National Seminar	National Seminar on "Sustainable Development with Women Empowerment" Concludes	05.03.2022	155
67	Guest Lecture	KISS Organizes Talk on Industry Academia Collaboration	05.03.2022	98
68	Alumni Tech Talk	Alumni Tech Talk on "From Sand to Silicon: A Journey of ecoming Chip Design Engineer" at KIIT School of Electronics Engineering	06.03.2022	89
69	Conference	KIDS Organizes International Conference on Dental Implantology	06.03.2022	115
70	Colloquium Lecture	KIIT School of Mechanical Engineering Organizes Colloquium Lecture Series	07.03.2022	86
71	Conference	34th Conference of Anatomical Society ofIndia, Odisha State Chapter Held at KIMS	07.03.2022	136
72	Women's Day Talk	International Women's Day Talk at KIIT School of Mass Communication	09.03.2022	249
73	National Conference	National Conference on Realigning Indian Agriculture for Sustainable Inaugurated at KIIT	11.03.2022	167
74	Guest Lecture	KIIT School of Computer Engineering Organizes Lecture on "Recent Applicationsof Machine Learning"	12.03.2022	148
75	Guest Lecture	KIIT School of Computer Engineering Organizes Guest Lecture on "Compiler Optimizations"	12.03.2022	122
76	CME	KIMS Medicine Department Organizes National CME	14.03.2022	87
77	Workshop	Antibiotic Resistance: KSPH Organizes Training Workshop for Retail Pharmacy Personnel	15.03.2022	53

78	Alumni Talk	KIITAA Delhi Chapter Organizes Alumni Connect Program	15.03.2022	56
79	Colloquium	KIIT School of Applied Sciences Organizes Colloquium on "Topological Insulator"	15.03.2022	84
80	Guest Lecture	KIIT School of Computer Engineering Organizes Guest Lecture on "ClusteringAlgorithms"	16.03.2022	298
81	National Conference	Day-2 of National Conference on 'Realigning Indian Agriculture for a Sustainable Future'	16.03.2022	86
82	Workshop	KIIT Film Society Organizes Cinematography Workshop	18.03.2022	173
83	Training Program	KSOL & KIIT-IRO Launch English LanguageTraining Program for International Students	18.03.2022	176
84	Special Programme	KISS Organizes Programme on 'Entrepreneurship, Equity and Development'	18.03.2022	66
85	Seminar	KSFH Organizes Seminar on 'Growth, Development & Sustainability: Challenges in India'	22.03.2022	146
86	Seminar	KISS Organizes Seminar on Bhima Bhoi's Life and Literature	22.03.2022	136
87	Training of Trainers	KINS Organizes Training of Trainers onBasic Life Support	23.03.2022	65
88	Seminar	Seminar on "Waste Utilization in Cementand Concrete Industry" at KIIT	25.03.2022	109
89	Webinar	NSS-SME Organizes 'Study Abroad Webinar'	28.03.2022	93
90	Webinar	KSOM Knowledge Dialogue Series Webinar on "Energypedia: Energy Conservation&ISO 50001:2018 Energy Management System"	28.03.2022	80
91	Train the Trainers	Train the Trainers in Medical Simulation Started at Kaabeel Center, KIMS	29.03.2022	244
92	Guestn Lecture	KINS Organizes Guest Lecture on "Community Based Rehabilitation: New Perspectives"	29.03.2022	139
93	Seminar	Seminar on "Research Tools and Methods ofData Collection" at KINS	29.03.2022	177
94	Guest Lecture	Swami Sarvapriyananda Delivers Knowledge Tree Lecture at KIIT	29.03.2022	96
95	Guest Lecture	Pre WAC-2023 Distinguished Invited Online Lecture #9 Lecture on Protohistoric Human Skeletal Evidence in India	30.03.2022	80
96	Yogic Session	Yogic Session by KIIT School of Spiritualism& Yogic Sciences	31.03.2022	159
97	Seminar	Academic Society, KIMS Organizes Student Seminar on Air Pollution	01.04.2022	136

98	Workshop	Workshop on 'Cyber Security for Women' at KISS	02.04.2022	195
99	International Seminar	KIIT School of Humanities Organizes International Seminar on "The Mystic Eyes": Jagannath in South Asian Literature, Cultureand Folklore	04.04.2022	261
100	Webinar	KIIT Law School Organizes Webinar on "Russia-Ukraine Conflict: Implications for India"	04.04.2022	118
101	Webinar	KIIT Law School Conducts Webinar on 'Effecting Competition through CorporateGovernance'	05.04.2022	139
102	Webinar	KIIT Law School Organizes National Webinar on "Procedure & Significant	05.04.2022	87
103	Invited Lecture	Distinguished Invited Lecture Series KISS Organizes Lecture on 'Prospects of Nanomaterials'	08.04.2022	73
104	Alumni Webinar Series	KIIT Alumni Association Organizes Alumni Webinar Series	11.04.2022	90
105	Webinar	KISS Organizes Webinar on 'The Mahi Estuary: Hydrodynamics& Pollution Distribution'	12.04.2022	110
106	Invited Talk	Distinguished Invited Talk on 'New Education Policy – 2020: Issues and Challenges' at KISS	13.04.2022	158
107	Workshop	KISS Organizes Workshop on 'Entrepreneurship Sensitization &Development Programme'	13.04.2022	103
108	Guest Lecture	Distinguished Invited Lecture on Bio-fertilizer Technologies at KISS	14.04.2022	176
109	CME	Department of Pharmacology, KIMS Organizes CME on 'Medication Error & its Prevention'	18.04.2022	66
110	Special Session	KISS Organizes Session on 'Entrepreneurship Ecosystem in TribalAreas'	19.04.2022	228
111	Seminar	KIIT-DU & World Leadership Academy Organize Seminar on "Relevance of Education in Building aSustainable Society"	20.04.2022	171
112	Guest Lecture	KISS Organizes Distinguished Invited Lecture on 'Tribal Culture and Philosophy'	20.04.2022	279
113	Webinar	Knowledge Dialogue Series: Webinar on 'Cross–Cultural Agility' at KSOM	20.04.2022	74
114	Guest Lecture	KISS Organizes Lecture on "Reinterpretation of Tribal developmentUnder the SDGs 2030"	23.04.2022	110

115	Webinar	KISS Hosts Webinar on 'Entrepreneurship Development Program for Young Aspiring, Prospective Entrepreneurs'	25.04.2022	91
116	Guest Lecture	Technical Talk at KIIT School of Civil Engineering	27.04.2022	93
117	Webinar	KIIT Law School Conducts Webinar on "Regulation of Merger Regime in India- Experience of a Decade"	27.04.2022	126
118	Guest Lecture	World IPR Day: KISS Organizes Lecture on Innovation & IP Management Strategy	28.04.2022	136
119	Guest Lecture	KISS Organizes Lecture on "Indigenous Knowledge, Western Scienceand Imperatives of Development"	28.04.2022	193
120	Webinar	International Webinar on "Great Power Interactions in the Indo-Pacific" at KIITLaw School	28.04.2022	75
121	Guest Lecture	JNU Professor Speaks at KSFH Lecture Series	30.04.2022	140
122	Webinar	KIIT Law School Conducts Webinar on "Foreign Direct Investment to Boost Indian Economy"	30.04.2022	92
123	Guest Lecture	KIIT-KISS Delivers Special Lecture on Climate Change	30.04.2022	110
124	Webinar	Webinar on Space Law and Regulations at KLS	30.04.2022	86
125	Guest Lecture	KIIT-KISS Organizes Orientation Program on 'Sexual Harassment and Gender Issues'	02.05.2022	298
126	Workshop	KIIT-NSS, KIDS Organize Workshop on "Yoga for Wellbeing"	02.05.2022	67
127	Guest Lecture	KIIT-KISS Organizes Talk on 'Solving Problems with Design Thinking'	04.05.2022	233
128	Alumni Talk	Alumni Talk at KIIT School of MechanicalEngineering	04.05.2022	77
129	CME	Department of Transfusion Medicine, KIMSConducts Annual CME	04.05.2022	54
130	Guest Lecture	KINS Organizes Lecture on "Autism Spectrum Disorders"	04.05.2022	76
131	Webinar	Webinar on Sustainable Mining at KIIT School of Electrical Engineering	05.05.2022	131
132	CME	National CME on Vasculitis Organized byDepartment of Dermatology, KIMS	05.05.2022	84
133	Workshop	IQAC, KIIT-DU Organizes Hands-on Workshop on "Capstone Project and Impactto Industry"	06.05.2022	340
134	Webinar	KISS Organizes Webinar on 'Sahitya o 'Manababada'	07.05.2022	295

135	Webinar	KINS Organizes Webinar on "Childhood Psychiatric Disorders"	09.05.2022	80
136	Workshop	KIIT-KISS Organizes Workshop on 'Sensitization-cum-Awareness Programmeon MSME'	09.05.2022	289
137	Workshop	KSMC Organize Hands-on Student Workshop at Kalinga TV	10.05.2022	63
138	Skills Development Training	KIMS Doctor Teaches CPR Skills for Resuscitating Cardiac Arrest Victims during "Nirman", Inter Engineering College Hackathon	11.05.2022	421
139	Invited Lecture	KISS Organizes an Invited Lecture on Gandhi and the Adivasis	11.05.2022	297
140	Workshop	Workshop on Psychoanalytic Hermeneuticsat KIIT School of Languages	12.05.2022	89
141	Guest Lecture	Special Lecture on 'Democracy and Development' at KLS	12.05.2022	76
142	Workshop	KISS Organizes Workshop on 'Total Well Being'	13.05.2022	131
143	Guest Lecture	Expert Lecture on "Excelling Research Proficiency through OER" at KLS	16.05.2022	100
144	Webinar	Webinar on IPR Awareness at KISS	16.05.2022	195
145	Special Lecture	KISS Organizes Special Lecture on 'Contested Heritage: Colonial Construction of Tribal Savagery in North East India'	16.05.2022	258
146	Training Program	First Time in India Training Program on "Modeling & Analysisof Dental Implant Prosthetics through FEM" for Dental Students	18.05.2022	178
147	Webinar	Webinar on 'Indigenous Youths in Institution of Higher Learning: Wellness, Health, and Life Skill Education'	18.05.2022	189
148	Webinar	Day-2 of Webinar on 'Indigenous Youths in Institutions of Higher Learning: Their Wellness, Health and Life Skill Education'	19.05.2022	115
149	CME	Department of Anatomy, KIMS Organizes CME-cum-Workshop	20.05.2022	83
150	Webinar	Webinar on 'Indigenous Youths in Institutions of Higher Learning: Their Wellness, Health and Life Skill Education' Concludes at KISS	21.05.2022	215
151	Webinar	KIIT Law School Organizes 'Constitutionality of Sedition Law in India'	23.05.2022	184
152	Guest Lecture	IIT Indore Faculty Delivers Lecture on "Infection & Co-infection Models of ChronicDiseases"	24.05.2022	121

153	Conference	South Asia Women's Conference at KIITdiscusses the path to inclusive development	28.05.2022	201
154	Colloquium Lecture Series	Colloquium Lecture Series: Technical Talkat KIIT School of Mechanical Engineering	30.05.2022	70
155	CME	Department of Surgery, KIMS Organizes CME	31.05.2022	86
156	Conference	KIMS Radiology Residents Make Clean Sweep at 48th Indian Radiological Conference, State Branch	01.06.2022	321
157	Conference	Department of Medicine, KIMS OrganizesSingle Theme Conference	02.06.2022	227
158	Workshop	Department of Pathology, KIMS OrganizesCME-cum-Workshop on Renal Pathology	03.06.2022	221
159	Knowledge Dialogue Series	KSOM Conducts Knowledge Dialogue Series'KONFABULATE'	06.06.2022	139
160	Seminar	Awareness & Interactive Seminar for NSSVolunteers	06.06.2022	166
161	Training	Entrepreneurship Development TrainingProgram in KISS	07.06.2022	50
162	Workshop	Third Space Endoscopy Workshop Conducted at KIMS	09.06.2022	63
163	National Seminar	National Seminar on 'Gopabandhu and Emergence of Nationalist Literature' atKISS	10.06.2022	217
164	Seminar	KIIT School of Mechanical Engineering Organizes Seminar Talk on "Energy, Climate Change & I"	11.06.2022	175
165	Symposium	KISS Organizes Symposium on 'Women'sEducation in Odisha: The Seminal Contribution of MadhusudanDas'	11.06.2022	261
166	Colloquium	KIMS Nephrologists at Kolkata Transplant Colloquium	12.06.2022	82
167	Symposium	Symposium on Lower Limb Trauma at KIMS	16.06.2022	254
168	CME	CME on THR in Proximal Femoral Deformity & Proximal Femoral Fractures	20.06.2022	86
169	Workshop	KIMS Faculty Conducts Live Procedure &Hands-on Workshop at Kolkata Musculoskeletal UltrasoundWorkshop	28.06.2022	152
170	Workshop	KIIT School of Computer Applications Organizes Workshop on "Applied Python-I"	29.06.2022	108
171	Webinar	KINS Organizes Webinar o n Development of Entrepreneurship In Nursing"	11.07.2022	202
172	Workshop	National CME-Cum-Workshop On Non-Invasive Ventilation At KIMS	12.07.2022	137

173	Seminar	KIIT-KISS Organizes Seminar On 'Issues On Tribal Displacement In India – ExperienceFrom Odisha'	14.07.2022	246
174	Conference	Annual Conference Of Department of Critical Care Medicine, KIMS	16.07.2022	294
175	International Conference	INDISCON -2022: KIIT School Of Electrical Engineering Hosts 3rd International Flagship Conference	16.07.2022	389
176	Invited Talk	KIIT School Of Applied Sciences ConductsInvited Talk	17.07.2022	252
177	Guest Lecture	KINS Organizes Guest Lecture On "Nursing Consultation Enhance Research CapacityBuilding"	18.07.2022	173
178	National Conference	KIIT School Of Spiritualism And Yogic Sciences Organizes National Conference On "Spiritualism"	20.07.2022	200
179	Training	Logistics Training Programme Launched By21CC Education At KISS	20.07.2022	110
180	Guest Lecture	KISS Organizes Invited Lecture On 'Science And Technology Of Non-Linear Optical Absorption'	20.07.2022	149
181	Guest Lecture	KINS Organizes Guest Lecture On "MixedMethod Research"	25.07.2022	81
182	Training	KIMS Starts Training Volunteers For RescueOf Road Accident Victims	27.07.2022	105
183	Guest Lecture	KISS Organizes Invited Lecture On 'Conserving Nature: Compulsion As Choice'	30.07.2022	155
184	Management Development Program	KSOM Conducts Management Development Program On "Advanced Supply Chain Management"	02.08.2022	266
185	International Conference	KIDS Organizes International Conference –KIDS Webcon-2022	02.08.2022	280
186	CME	CME On Multifocal IOL Technology By DeptOf Ophthalmology	02.08.2022	150
187	Guest Lecture	KIIT-KISS Organizes Invited Lecture On'Sentence And Sentence Analysis As Presented By Paninian School'	03.08.2022	256
188	Seminar	KIIT-KISS Organizes Seminar On 'The Worldview Of Jahera/Gram Sala: The Sacred Groves Among The Tribes Of Odisha'	04.08.2022	289
189	CNE	KINS Organizes CNE On "Step Up For Breastfeeding: Educate And Support"	05.08.2022	129
190	Guest Lecture	KIIT School Of Computer Engineering Organizes Guest Lecture	06.08.2022	153
191	Guest Lecture	KIIT Law School Organizes Special Lecture On 'Relation Of Environmental ProtectionAnd International Law'	06.08.2022	193
192	Knowledge Dialogue	KSOM Organizes Knowledge Dialogue Forum, 'Konfabulate'	08.08.2022	172

193	Workshop	KIIT-KISS Organizes Disability Sensitization Workshop	11.08.2022	257
194	Guest Lecture	KIIT School of Electrical Engineering Organizes Lecture On "Energy Security And Environmental Wellness"	12.08.2022	116
195	Guest Lecture	KIIT School Of Computer Engineering Organizes Guest Lecture	14.08.2022	282
196	Workshop	KIIT School of Electrical Engineering Organizes Hands-On Practice On Energy System	14.08.2022	88
197	Guest Lecture	KSRM Organizes Guest Talk	14.08.2022	174
198	Guest Lecture	Lecture On "Right To Privacy Under Indian Constitution In The Present Day: Issues And Challenges" At KIIT Law School	16.08.2022	187
199	Guest Lecture	Training Programme For Nurses On "Adverse Drug Reaction Detection And Reporting"	16.08.2022	178
200	Invited Lecture	KISS Organizes Invited Lecture on 'Success of Policy Integration of Tribals: Development of Scheduled Tribes In India'	16.08.2022	148
201	Guest Lecture	Popular Journalist Manish Kashyap Delivers Talk At KSMC	17.08.2022	51
202	Colloquium Lecture Series	KIIT School of Mechanical Engineering Organizes Colloquium Lecture Series	17.08.2022	46
203	Workshop	KSPH Organizes Hands-On Workshop OnData Analysis & Manuscript Writing	20.08.2022	221
204	Webinar	International Webinar On Digitalization Of Culture And Its Explorations	22.08.2022	155
205	Konclave	KSOM Organizes 3rd National Business Analytics Konclave	23.08.2022	98
206	Seminar	Seminar On Sustainable Tribal Development At KISS	23.08.2022	121
207	Guest Lecture	Guest Talk On 'Prospective Development' At KSRM	24.08.2022	115
208	Seminar	KISS Organizes Seminar On Financial Literacy	26.08.2022	186
209	Workshop	KIIT Law School Organizes Workshop On "Legal Literacy And Legal Awareness In Odisha"	29.08.2022	136
210	Webinar	Webinar On National Education Policy At KLS	29.08.2022	149
211	Konclave	KSOM Organizes 13th National Marketing Konclave On "New Business Models In The New Normal"	03.09.2022	86
212	Workshop	KIIT School Of Public Health Organizes International Workshop On Policy And Implementation Issues In Containment Of Antibiotic Resistance	05.09.2022	67
213	Alumni Talk	Alumni Talk At KIIT School Of Electrical Engineering	05.09.2022	152
214	Guest Lecture	Lecture On "The Challenge For	06.09.2022	91

		Sustainability Zero Emission" At KIIT		
215	Special Lecture	Special Lecture On Santhal Hul Of 1855 At KISS	12.09.2022	195
216	Guest Lecture	Lecture On Nanoscale Brachytherapy For Cancer Treatment At KIIT(Applied Science	13.09.2022	148
217	Alumni Talk	Alumni Talk At KIIT School Of Civil Engineering	13.09.2022	122
218	International Webinar	International Webinar On 'Mental Health Among Tribes: Awareness, Prevention And Intervention Strategies'	15.09.2022	212
219	Seminar	KISS Organizes Seminar On Bhima Bhoi	19.09.2022	217
220	Conference	KIMS Orthopaedics Dept Organizes Arthroplasty Conference	20.09.2022	223
221	Guest Lecture	KIMS Cardiologist Delivers Talk On 'Below The Knee Interventions' At China Vascular Congress	22.09.2022	86
222	Workshop	Drone Workshop By KIIT Robotics Society	23.09.2022	56
223	National HR Konclave	KSOM Organizes 13th National HR Konclave On "The Re-Skilling Revolution: The Vector of Transformation"	24.09.2022	64
224	Conclave	KIIT School of Biotechnology Organizes Biotech Industry Conclave	26.09.2022	98
225	Alumni Interaction	Alumni Interaction At KIIT School Of Mechanical Engineering	07.09.2022	134
226	Seminar	KIIT ICT Cell Organizes Seminar on Cyber Security	15.10.2022	86
227	Workshop	KISS Organises Workshop To Develop KUVI Character Set	16.10.2022	273
228	Seminar	KSFH Organizes Seminar On Mental Health	19.10.2022	176
229	Workshop	Workshop 0n 'Multiphase Flow & Heat Transfer' At KIIT School of Mechanical Engineering	26.10.2022	166
230	Workshop	KIMS Department Of Pain Management Conducts Musculoskeletal Ultrasound & Pain Workshop	26.10.2022	146
231	Workshop	CME-Cum-Workshop Biochemistry-2022 Innovations, IPR Policy And Patents: Making Ideas To Work In Better Ways	26.10.2022	136
232	Workshop	KIMS Docs Invited To WHO-ICMR-NIIH-NIV Workshop	27.10.2022	95
233	Workshop	KIMS Faculties From O&G And Pediatrics Conducts Perinatology Workshop Module	31.10.2022	91
234	Guest Lecture	KSRM Organizes A Talk On Higher Education Opportunities In The United States	11.11.2022	73
235	Guest Lecture	KSMC Glocal Talk By Selloane Mokuku, Rhodes University, South Africa	12.11.2022	80
236	Conclave	KSOM Organizes 13th National Finance Conclave On "Financial Ecosystem And Sustainability: Emerging Trends"	12.11.2022	89

237	Workshop	KIIT School Of Public Health Organizes State Expert Consultation Workshop	14.11.2022	64
238	Conclave	KIIT-IS Innovation & Business Conclave Researchers Discuss Tech With Ability To Smell; Encourage Students To Be Curious	17.11.2022	75
239	International Conference	IEEE Sponsored International Conference On Advancements In Smart, Secure & Intelligent Computing(ASSIC 2022) Inaugurated At KIIT	19.11.2022	277
240	Seminar	KIIT Law School Conducts Seminar On 'Stock Market And Investment'	22.11.2022	196
241	Guest Lecture	KSFH Lecture Series: Talk By Swami Shyama Chaitanya	23.11.2022	121
242	Guest Lecture	Invited Special Lecture On "Democratic Features Of Namdharis In India" Held At KIIT	25.11.2022	169
243	Guest Lecture	Norwegian Ambassador To India Delivers Talk At KIIT	30.11.2022	110
244	Guest Lecture	KIDS Faculty Delivers Guest Lecture Session	01.12.2022	156
245	Guest Lecture	Renowned Kidney Transplant Surgeon Dr. Harsha Jauhari Delivers Guest Lecture At KIMS	02.12.2022	128
246	E-Conference	KINS E-Conference On Strengthening Nursing Practices	02.12.2022	235
247	Seminar	KIMS Student Seminar On Epidemiology Climate Change	03.12.2022	110
248	Conference	Physiology Dept Organises CME On Sleep	07.12.2022	189
249	Conference	KIIT Hosts 33rd IAOMR Conference NATCON-2022	09.12.2022	231
250	Guest Lecture	Distinguished Invited Lecture On Youth Volunteerism And Sustainable Development Goals At KISS	09.12.2022	122
251	Annual Induction Quiz	KSAC Conducts Annual Induction Quiz – LaunchPad	12.12.2022	119
252	International Conference	KIIT School Of Computer Engineering Organizes International Conference On Computational Intelligence & Networks	14.12.2022	213
253	Conference	KIMS Hosts 14th IRACON-2022 Of Odisha Chapter	14.12.2022	192
254	Grand Alumni Meet	KIIT Organizes Grand Alumni Meet 'Kamyaab' To Commemorate Silver Jubilee Celebration	18.12.2022	2000+
255	International Conference	KIIT School Of Computer Engineering Organizes 20th International Conference On Information Technology	21.12.2022	276

256	National Seminar	National Seminar On International Year Of Millets 2023 (IYoM-2023): Millets: Miracle Foods For Future	23.12.2022	151
257	National Seminar	National Seminar On 'Bhima Bhoi: Ethnographic Histories' At KISS	27.12.2022	166
258	International Conference	Conference On "Emerging Smart Materials In Applied Chemistry" Organized At KIIT	28.12.2022	278
259	Guest Lectures	Two Eminent Docs From Yale And Nottingham Deliver Guest Lectures At KIMS	29.12.2022	132
260	Conference	Give Up Smoking, Stay Away From Frightful Chronic Obstructive Pulmonary Disease	30.12.2022	290
261	Conference	KIMS Pain Specialist Invited As Faculty At SARPS Conference In Dhaka	30.01.2023	153
262	International Conference	KIIT School of Electrical Engineering IEEE & Bhubaneswar Sub-Section Jointly Organize 'International Conference On Power Electronics & Energy'	07.01.2023	356
263	Kuora Talk Series	Kuora Talk Series 8: Alumni Talk At KIIT School Of Biotechnology	17.01.2023	183
264	Experts Discussion	Experts Discuss Recent Trends In Treating Voice And Swallowing Disorders At KIMS	19.01.2023	66
265	Workshop	Department Of Radio Diagnosis, KIMS Organizes CME And Workshop On "Endo- Vascular And Surgical Management Of Varicose Veins—Recent Trends"	20.01.2023	132
266	Workshop	Workshop on Cyber Security For Students Of KIIT-KISS	20.01.2023	113
267	Workshop	KIMS Organizes Workshop On Kangaroo Mother Care	30.01.2023	186

Skill development programmes: School of Advanced Skills of the University conducts the skill based training programmes. To augment the skill development drive, the university provides training under Deen Dayal Upadhyaya Grameen Kaushalya Yojana (DDU-GKY) scheme (under Ministry of Rural Development) and Pradhan Mantri Kaushal Vikas Yojana (PMKVY) (under Ministry of Skill Development & Entrepreneurship). List of programmes floated are http://skill.kiit.ac.in/programmes.html. list of courses provided are available in the link: https://skill.kiit.ac.in/courses.html

Name of the Training Programme	Name of the Client/ Sponsoring Agency	Trainees
Suryamitra Skill Development Programme	National Institute of Solar Energy (NISE), Ministry of New & Renewable Energy, Govt. of India	267
Bare Foot Training	State Institute of Rural Development(SIRD), Panchayati Raj &Drinking Water Department, Govt. of Odisha	115
DDU-GKY Training Programme	ORMAS & MoRD, GOI.	5430+
CRR Training Programme	DPE, Ministry of Heavy Industries & Public Enterprises, Govt. of India	487
Industrial training (ITI)	Rourkela Steel Plant (RSP), Rourkela	75
Industrial training (ITI)	NALCO, Bhubaneswar	69
Skill Development Training Programme	OSFDC Ltd., SC & ST Dept., Government ofOdisha	676
PMKVY	National Skill Development Corporationand OSDA	956
Schooling & Skilling Of MCL	Schooling & Skilling Of MCL	525
Fab Lab-KIIT-TBI initiative	Skill Training throgh Fab-Lab and KIIT-TBI	1250+
Misscellenous Trainings	University/ other Industries	6800+

Appendix IV: About KIIT-TBI

KIIT-Technology Business Incubator (KIIT-TBI) had been set up as a nonprofit incubator in 2009 by the joint initiative of KIIT-DU and DST, GoI. It got recognition as a Centre of Excellence in 2018. It has been networked with all TBIs in the country and with ISBA , AABI (Asia Pacific), European UKBI and US NBIA. It is a member of Asia Pacific Incubator Network (APIN). KIIT-TBI is recognized by Boeing India as an incubator partner for BUILD program to support early stage startups working in the areas of IoT, aerospace, advanced manufacturing, material sciences, AI/ML and AR/VR. Similar support has been established from Climate KIC, EU program for startups in the Cleantech domain. KIIT-TBI has expanded its presence by establishing a BIRAC Regional Techno-entrepreneurship centre (BRTC), by BIRAC-DBT, GoI to promote startups in East and North East States of India. KIIT Technology Business Incubator won the National Award for Technology Business Incubation for the year 2017 from the Union Minister for Science and Technology, Earth Sciences on 11th May 2018. It has received funding from the DST, GoI and NBM Mission of BIRAC, DBT to establish Technology Enabling Center and Technology Transfer Office recently. KIIT-TBI is a one point contact for matters related to innovation, incubation, entrepreneurship and research commercialization. It has successfully Supported

➢ 235+ ventures
➢ Supported 60+ women startups
➢ 48 Cr+ fund disbursed to the incubates
➢ 60+ IP
➢ 200+ capacity building training and workshop
➢ 65+startups received national and international awards
➢ 50+ startups received follow on funding worth of 350 Cr+
➢ 4000+ job generated by the incubates

KIIT-TBI has established funding arms, corporate and industry partnerships, university collaboration, linkages with government bodies, network associations, both nationally and globally to play a significant role in building a good ecosystem for the incubator. Following are few network established; Carleton University Incubator, Canada, Technoport Incubator, Luxembourg, Climate KIC-Europe etc to enable cross border network leverage for potential startups to engage with mentors, investors and customers in the overseas market. IAN, TATA Social Alpha, Jubilant Bhartia, Caspian, Omnivore Partners, Grameen Capital, Plataforma Capital to bring investment and growth expertise for startups. Association with Industry bodies and PSUs i.e MCL, VEDANTA, ADITYA BIRLA, UNICEF, HDFC Bank to extend CSR fund mobilization. Collaboration with Oil and Gas PSUs like IOCL, BPCL for Startup fund mobilization Nexus Startup Hub, Padup Ventures, Ambuja Neotec, as Corporate incubator partner KIIT-TBI provides a world class infrastructure of around 120,000 sq ft with a range of incubation facilities and services to the prospective entrepreneurs to convert their innovative ideas into commercially viable products. KIIT-TBI incubates startups in the domain of biotechnology, healthcare and diagnostic, agricultural and food technology, social innovation, engineering and other interdisciplinary areas. Regular entrepreneurial story sessions, mentoring sessions, workshops and seminars have offered KIIT-TBI a good interface and visibility in the region. It is supported by Government bodies like DST, Meity, MSME, BIRAC, TDB and DFID, UK to boost the entrepreneurial ecosystem in the country.

Appendix V: List of Centre of Excellence, students societies and working SDGs

➢ **Centre of Excellence for Sustainability and Equity**

Working towards awareness of different SDGs, collaboration with National, International Government, NGOs and corporate to frame policies and decide on plan of action to meet the goals. Relevant SDG: SDG17

➢ **IBM Centre of Excellence**

Working towards the development of software solutions related to student projects, and conducting training programs for students of the region for providing hands on trainings related to coding required in the IT industry thereby augmenting their employability. Relevant SDG: SDG 4, SDG10

➢ **SAP Centre of Excellence**

Automation of University tasks , collection and analysis of data related to Finance , material management, human resource and student lifecycle as a part of University innovation; providing training on Business Integration and ABAP (open to all) to create awareness and impart skills on automations performed through SAP. This is again expected to augment the employability skills of the participants leading to reduced inequality. Relevant SDG: SDG 4, SDG 9, SDG 10

➢ **IoT Centre of Excellence**

Application of IoT in integration of data and services that will lead to sustainable cities and infrastructure development; training provided to students (open to all) impart basic fundamentals of IoT with capstone projects. Relevant SDG: SDG 4, SDG 11

➢ **NI Centre of Excellence**

Training to students on the basic and advanced knowledge of National Instruments' LabVIEW software and peripheral systems to carry out quality projects in cutting edge areas in industry. Relevant SDG: SDG 4

➢ **Interdisciplinary Center of Energy with special reference to Renewable Energy**

Projects and research associated with solar energy, thin film photo-voltaics, and wind energy are being conducted. Relevant SDG: SDG 7

➢ **Tech Mahindra Design Laboratory**

Advanced training on automobile technology and projects for students and researchers. Relevant SDG: SDG 4

➢ **Centre of Excellence for Space Science**

Working on Geographical Information Systems with the help of space technology to identify issues in farmlands and undertake suitable endeavors. This is oriented to help the agricultural sector leading to economic growth and decent life for related stakeholders. Relevant SDG: SDG 8

➢ **MSME Centre of Excellence**

Promotion of entrepreneurship and supporting entrepreneurial endeavors. This is aimed for creation of more employments and decent life for the stakeholders. Relevant SDG: SDG 8

➢ **Siemens Laboratory**

The objective of this Center of Excellence is to impart project based training of PLM software tools for cutting edge technology enabled students. Relevant SDG: SDG 4

➢ **Interdisciplinary Research Centre in Materials and Nano-Sciences**

Advanced research in the domain of materials and nano-sciences are being carried out. Relevant SDG: SDG 9

➢ **TBI-NIDHI Centre of Excellence**

It is acting as a local monitoring committee for consideration of proposals, monitoring the progress and taking appropriate decisions on continuation of funding support to the projects. Relevant SDG: SDG 9, SDG 10

➢ **Centre of Excellence in Translational Research Program on Gastrointestinal bacteria pathogens**

Conduct Advanced Research Program on Gastrointestinal bacteria pathogens. Relevant SDG: SDG 3

➢ **Schneider Lab**

Focuses on automation system and smart energy management. This lab also gives a platform to have hands on experiences on emerging technologies and build skills of real world among students and researchers. Relevant SDG: SDG 4, SDG 9

➢ **Centre of Excellence of Water**

Studies Gathering, measuring and analyzing data on availability of clean water and sanitation; advanced research on providing clean water at affordable cost from naturally available resources. Relevant SDG: SDG 6

➢ **Centre of Excellence for Rare Earth Materials**

Advanced research on the properties of rare earth materials available particularly in the state of Odisha, study of their characteristics and their potential use in industrial applications. Relevant SDG: SDG 4, SDG 9

➢ **Centre of Excellence for Automotive Mechatronics**

Provides advanced diploma in advanced mechatronics creating skilled technicians for the automobile industry. Relevant SDG: SDG 4, SDG 10

➢ **Centre of Excellence in Occupational Safety and Health**

Established in association with BG-BAU Germany, BG-ETEM Germany and Indo-German Focal Point India, this center is working towards safety and generation of health awareness for the laborers working in organized and unorganized sector. Relevant SDG: SDG 3

➢ **KIIT-DU –Acer Centre of Excellence**

Projects, automation and software based research and solutions around artificial intelligence and virtual reality are being carried out. Relevant SDG: SDG 9

➢ **Boeing Centre**

Capacity Building for University students, faculty and early stage startups to transform plans into practical and possible business ventures with the capability to take the Indian aerospace and defense to the next level and help scale greater heights in future. Relevant SDG: SDG 9

➢ **Bosch Centre of Excellence**

Advanced research on robotics and automation of jobs are being carried out. Relevant SDG: SDG 4, SDG 11

➢ **Technology Enabling Centre**

Capacity building for engineering/medicine & science students (of Odisha) to build innovative projects leading to new product & process development, IP & Tech transfer activities. Relevant SDG: SDG 4

- **Technology Transfer Office**

  Building Capacity of East & Northeast regions bio-incubators and biotech institutions of India including AMTZ, Visakhapatnam on IP & Tech transfer activities. Relevant SDG: SDG 4

- **Fintech Centre of Excellence**

  Software solutions to automate and speed up financial transactions. Relevant SDG: SDG 8

- **Acer Predator Thronos at Design Thinking Lab**

  helpful in learning and applying the concepts of AR/VR through coding and gamification. Relevant SDG: SDG 4

- **Centre of Excellence for Public Policy and Research**

  Vision to conduct extensive research on social, political & economic policies and design strategies that lead to change in public policy and governance. Relevant SDG: SDG 8, SDG 16, SDG 17

- **Centre of Excellence for Happiness**

  Vision to promote quality of life vis-à-vis happiness or subjective well-being among people. The learning of Happiness studies will provide participants with the requisite skill, knowledge, and attitudes for smooth sailing through the journey in life. Relevant SDG: 3

- **Centre of Excellence in Leadership**

  Vision to facilitate development of leadership skills and making global leaders. Relevant SDG: SDG 8

- **Centre for studies in Criminal Law and Criminal Justice Administration**

  objective of promoting intellectual discourses andresearch in the broad area of Criminal Law and Criminal Justice Administration through various ways of engagement with the different Stakeholders from academia, research, courts, police, prison etc. Relevant SDG: SDG 10, SDG 16

- **Centre of Arbitration**

  Promoting alternative dispute resolution and arbitration, the convergence of academic and practice can further the research on theory of arbitration and formulation of best practices for practitioners not just in India but globally. https://kac.kiit.ac.in/about-us/ Relevant SDG: SDG 16, SDG 17, SDG 10

- **Centre for Constitutional Law Studies and Research**

  to promote awareness among students regarding the dynamics of Constitutional Law. The prime interest of the Centre lies in promoting the research activities in students in national and inter- college level. The Centre has succeeded in extending its work sphere to doctrinal researches and has also started to concentrate on publishing empirical reports.Its objective is to create a supportive environment for academic discussion and thought about constitutional matters. And to encourage students of all backgrounds to participate, regardless of their knowledge of the more nuanced aspects of the constitution.To provide a platform for public discourse and deliberation vis-a-vis Constitutional law. The Society endeavor through the course of its activities to promote awareness about the subject and its importance. The purpose behind the establishment of the Centre is to generate debate and dialogue on various nuances of the subject of Constitutional Law. Relevant SDG: SDG 17,SDG 16

- **IPR Centre/ Centre for Intellectual Property Studies**

  Vision to integrate a techno-legal sphere of law such as intellectual property. This Centre aims to provide a common platform to research persons, academicians, industry personnel, policy-makers, practitioners and students, to discuss the multitudes of activities relating to patent, trademarks, copyright, and other forms of intellectual properties. Relevant SDG: SDG 9, SDG 16

➢ **Centre of for Criminology, Victimology and Police Science**

Vision to encourage research in criminology, applied criminology and police science among faculty and students. The centre has actively organised international seminars, certificate courses and webinars every year and has already earned a fame for itself among national and international audience and resource persons. Research in criminology, victimology and police science is a neglected domain in research and the active participation of students and faculties promises a vibrant future with ample research avenues and scope. Relevant SDG: SDG 10, SDG 16

➢ **Centre of Studies for Business and Corporate Law**

the Centre offered a platform to recommend discussions on company legal guidelines, and anatomize on exclusive subjects and additionally expand a hobby in corporate regulation subjects. It is an endeavor to sell the expertise and studies within side the discipline of the Business Law and is an initiative taken with the aid of using the School of Law, KIIT University to assist college students in addition to different stakeholders to evolve the modifications for private in addition to commercial growth. The Centre's founding purpose is to analyze and examine the enterprise regulation paradigm, to gain that the Centre will behavior numerous sessions, seminars, meetings etc. over the length of time; creating an expertise of realistic elements of company and business legal guidelines amongst students that is going past the scope of school room teaching, which includes preserving the conventional technique of disseminating knowledge, breeding college students specializing in studies and concurrently imparting a breadth and intensity of records specially company legal guidelines and to convey together, from the practicing fields to construct a platform and to gain the top of perfection in corporate education. Relevant SDG: SDG 8, SDG 9, SDG 10, SDG 16

➢ **Centre for studies in Legislative Drafting**

The centre is working towards the legislative drafting and enable the students, communities towards legal awareness. Relevant SDG: 16

➢ **Microchip Centre for Excellence**

This centre works towards the development of integrated circuit based innovation system for control applications with various industries. Relevant SDG: SDG 9, SDG 11, SDG 17

➢ **International Centre for Business Research and Innovation**

This centre works towards business research and innovation. Relevant SDG: 8

➢ **KIIT Centre for Environment and Global Sustainability (KIIT-CEGS)**

Established as a boundary organization, KIIT-CEGS's overall goal is to support and strengthen an enabling environment of knowledge co-production for evidence-based policy processes and governance at various levels in society. KIIT-CEGS has been associated with these processes through systematic research, timely communication, and effective societal engagements on various issues of human development.

➢ **Central Advanced Research Centre**

Central Advanced Research Centre has been established in 1.5 lakh sq. ft. built up area with sophisticated equipment for advanced research.

➢ **Innovation and Entrepreneurship Cell**

KIIT has set up Innovation and Entrepreneurship Cell to provide technical knowledge and facilities for starting technology driven enterprises as well as doing research for producing cost- effective techniques. It fosters entrepreneurship among students and assists budding entrepreneurs by providing them with necessary resources.

➢ **Centre for Industry Institutional Interface**

Centre for Industry Institutional Interface has been set up to devise strategies for the promotion of synergistic interface with industry. It also sensitizes the academia towards needs of the industry, besides organizing events involving the industry.

➢ **Centre for Innovation and Research & Research & Development (CIR and R&D) Cell**

CIR and R&D Cell has been established to achieve the strategic goals of KIIT and to promote identity of the University as a modern, dynamic, research-intensive institution as well as to enhance the University's activity and profile in graduate studies and research. The Cell has been instrumental to organize international and national conferences where agglomeration of laureates from worldwide have delivered vital and essential information. The Cell has earned fund sanction from Government and industries towards research. It also coordinates the activities associated with 'Intellectual Property Rights' (IPR) with an objective to generate revenue from the use (protect / sell) of intellectual property generated on campus by research projects & consultancy.

➢ **UMAP National Secretariat**

University Mobility in Asia and the Pacific (UMAP), dedicated for the cause of University level education in Asia and the Pacific, is an association of government and non-government organizations which administer student mobility in order to enhance international understanding among university students in 34 member countries with more than 364 participating Universities in the region of Asia and the Pacific. KIIT has the unique distinction of housing UMAP National Secretariat of India.

➢ **BDTC**

BDTC was established at School of Biotechnology in April 2009, supported by Ministry of New and renewable energy (MNRE), Govt. of India. The centre is running with a broad objective to provide technical services and trainings for biogas in Odisha and for Implementation & awareness creation of the programme.

➢ **Open Source Drug Discovery Centre**

Open Source Drug Discovery (OSDD) is a venture of Council of Scientific and Industrial Research (CSIR) team India consortium with a vision to provide affordable health care with discovering novel therapies for neglected tropical diseases such as tuberculosis and malaria. The School of Biotechnology (SBT) has been selected as one of the centre to engage in research activities on drug discoveries for Tuberculosis.

➢ **Dassault Systeme COE**

Dessault Systeme COE imparts training to Management students in the area of PLM (Product Lifecycle Management).

➢ **SAE (I) Student Chapters**

SAEINDIAKIIT Student chapter is the most vibrant society in the University where students are trained to design, develop and fabricate indigenously different types of vehicles and also promoted to participate in various events like BAJA, SUPRA, Eco-Marathon, Effi-Cycle, Off-Highway, etc.

➢ **ISTE Students' and Faculty Chapters**

ISTE Students' and Faculty Chapters functions in KIIT to look after career development of faculties and personality development of students.

➢ **NBA East Zone Nodal Centre**

East Zone Nodal Centre of National Board of Accreditation (NBA) is functioning in KIIT University. The Centre trains resource persons in the University.

Appendix VI: List of Major MOUs with Educational Institutions/Research Labs/Corporate

MOUs signed with Foreign Educational Institutions & Research Labs

Sl No	Name of the University/ Institution/ Research Labs	Country	Year of MoU
1.	Korea Airtech College	South Korea	2022
2.	Corporacion Unificada Nacional De Educacion Superior	Colombia	2022
3.	Federacion De Municipios Del Litoral Pacifico Colombiano-Fedempacifico	Colombia	2022
4.	Otani University,Kyoto	Japan	2022
5.	College of AI Convergence,INJE University	Republic of Korea	2022
6.	The George Washington University School of Business	USA	2022
7.	The University of Kentucky	USA	2022
8.	Bartin University	Turkey	2022
9.	Humak University of Applied Sciences,	Finland	2022
10.	The College Board	USA	2022
11.	Massey University	New Zealand	2022
12.	Vietnamese Embassy	Vietnam	2021
13.	Sulu State College	Philippines	2021
14.	Northern University	Bangladesh	2021
15.	Samara University	Ethiopia	2021
16.	Durban University of Technology	South Africa	2021
17.	The Romanian - American University (RAU)	Bucharest	2021
18.	Free International University Of Moldova(ULIM)	Moldova	2021
19.	Trakia University ,Stara Zagora, Bulgaria	Bulgaria	2021
20.	Synergy University ,Moscow ,Russi	Russia	2021
21.	Red Sea University	Somalia	2021
22.	Rijeka University ,Croatia	Croatia	2021
23.	Makerere University	Uganda	2021
24.	Colombo School of Business and Management	Sri Lanka	2020
25.	Yonsei University	South Korea	2020
26.	Daffodil International University	Bangladesh	2020
27.	Carleton University	Canada	2020
28.	Academy of Sciences Tajikistan	Tajikistan	2020
29.	Yeoju Technical Institute in Tashkent	Uzbekistan	2020
30.	Tashkent State University of Economics	Uzbekistan	2020
31.	Kokand University	Uzbekistan	2020
32.	University of Kalamoon, Syria	Syria	2020
33.	Shakarim State University	Kazakhstan	2020
34.	University of Liberal Arts, Bangladesh	Bangladesh	2020
35.	Sharif University of Technology, Tehran	Iran	2020
36.	Kampala International University	Uganda	2020
37.	Misamis University	Philippines	2020

38.	University of West Santa Catarina, UNOESC, Joaçaba	Brazil	2020
39.	University of Sunderland	UK	2020
40.	Onix-Intercambio Cultural (Argentina)	Argentina	2020
41.	Department of Land Economy and Centre of Development Studies, University of Cambridge	UK	2019
42.	Hanbuk University	South Korea	2019
43.	Universiti Teknologi Brunei (UTB)	Brunei Darussalam	2019
44.	Nagasaki Welseyan University	Japan	2019
45.	Czech University of Life Sciences	Czech Republic	2019
46.	Instutoto Superior Tecnico	Portugal	2019
47.	Doshisha University	Japan	2019

MOUs with Indian Institutes/ Research Labs

Sl.No	Name of the Institutions	Country	Year of MoU
1.	Laxmikanta College,Bangriposi, Mayurbhanj	India	2022
2.	Khunta Degree Kahavidyalaya, khunta	India	2022
3.	Mayurbhanj College of Acountancy & Management	India	2022
4.	B.B. College Baiganbadia, Mayurbhanj	India	2022
5.	Ganjam College, Ganjam	India	2022
6.	Raghunathjew Degree College Deulisahi, Cuttack	India	2022
7.	Sri Sri Jaganath Degree Mahavidyalaya,Raj Nagar, Kendrapara	India	2022
8.	Tihidi Degree College,Tihidi, Bhadrak	India	2022
9.	Ballavidevi mahila Degree Mahavidyalaya, Nishintakoili,Cuttack	India	2022
10.	R C M Science College ,Khallikote, Ganjam	India	2022
11.	Dharmasala Mahila Degree Mahavidyalaya,Dharmasala, Jajpur	India	2022
12.	Dayavihar Degree College, Dayavihar, Kanas,Puri	India	2022
13.	Sriram Chandra Bhanj Degree College,Ragdha, Mayurbhanj	India	2022
14.	Hrushikesh Ray Degree Mahavidyalay, Rourkela	India	2022
15.	Rajsunakhala College, Nayagarh	India	2022
16.	Shailabala Women's(Auto) College, Cuttack	India	2022
17.	Chitalo Degree Mahavidyalaya, Jajpur	India	2022
18.	Charmpa College, Bhadrak	India	2022
19.	Kuntala Kumari Sabat Womens college, Balasore	India	2022
20.	Sadhu Goureswar Degree College, Jajpur	India	2022
21.	Upendranath Sarada Degree Mahavidyalaya, Jajpur	India	2022

22.	Regional Degree College, Rambag, Jajpur	India	2022
23.	Satyasai College for Womens, Bhubaneswar	India	2022
24.	Sriram Chandra Bhanj Degree College, Ragdha	India	2022
25.	Mangalpur Womens Degree College, Jajpur	India	2022
26.	Utkalmani Gopabandhu Smruti Mahavidyalaya, Sakhigopal, Puri	India	2022
27.	Sukruli Degree College, Mayurbhanj	India	2022
28.	College of Arts, Science & Technology, Sundargarh	India	2022
29.	H.N.S. Mahavidyalaya, Chandola, Kendrapara	India	2022
30.	Atalabihari College, Basudevpur, Bhadrak	India	2022
31.	S.N. College, Rajkanika, Kendrapara	India	2022
32.	Raja Madhusudan Degree College of Science & Education, Khurda	India	2022
33.	N.K. Degree Mahavidyalaya, Talcher, Angul	India	2022
34.	Talcher (Auto) Talcher	India	2022
35.	Womens Degree College,Paralakhemundi, Ganjam	India	2022
36.	Baikhuntha Nath College, Bhogarai, Jaleswar, Balasore	India	2022
37.	Maharshi College of Natural Law, Saheednagar, Bhubaneswar	India	2022
38.	Royal H.S.S. College, Bhadrak	India	2022
39.	Sri Jaganath Beda Karmakanda College,(SJVKM) Puri	India	2022
40.	Mahapurusha Hadidas Mahavidyala, Chhatia, Jajpur	India	2022
41.	Rajsunakhala College, Nayagarh	India	2022
42.	Kamala Nehru Women's College, Bhubaneswar	India	2022
43.	N. C. Autonomous College, Jajpur	India	2022
44.	Derabish Degree College , Kendrapara	India	2022
45.	Subhadra Mahatab Mohavidyalaya,Asureswar, Cuttack	India	2022
46.	Janata College, Satmole,Hindol, Dhenkanal	India	2022
47.	Ekamra College, Bhubaneswar	India	2022
48.	Nayagarh Prajamandal Mahila Degree Mahavidyalaya, Nayagarh	India	2022
49.	Model Degree College,Nayagarh, Lathipada	India	2022
50.	Model Degree College, Nabarangpur	India	2022
51.	Model Degree College, Deogarh	India	2022
52.	Model Degree College, malkangiri	India	2022
53.	Model Degree College, Boudh	India	2022
54.	Model Degree College, Nuapada	India	2022

55.	Model Degree College, Sonepur	India	2022
56.	Khordha Law College, Khordha	India	2022
57.	Dinabandhu Sahu Law College, Kendrapara	India	2022
58.	Capital law College, Bhubaneswar	India	2022
59.	Konark Bhagabati Mahavidyalaya, Konark	India	2022
60.	Indian Institute of Metals	India	2022
61.	Institute of Quality & Environment Management Services	India	2021
62.	Institute of Company Secretaries of India	India	2021
63.	KPR Institute of Engineering and Technology,Coimbatore	India	2021
64.	FM University	India	2021
65.	Pattamundai College	India	2021
66.	U.N. Autonomous College of Sc & Technology	India	2021
67.	Salipur Autonomous College	India	2021
68.	Nayagarh Autonomous College	India	2021
69.	N.C. Autonomous College	India	2021
70.	H.K.Ray Degree Mahavidyala	India	2021
71.	Government Autonomous College	India	2021
72.	Government College	India	2021
73.	Burla NAC College	India	2021
74.	Birupa College	India	2021
75.	Arya School of Management & Information Technology	India	2021
76.	Gangadhar Meher University	India	2021
77.	KISS	India	2021
78.	Tulasi Women's College	India	2021
79.	Marshaghai College	India	2021
80.	Surajmal Saha Mahavidyalaya	India	2021
81.	Govindpur Degree College	India	2021
82.	Ekamra College	India	2021
83.	Hirakud College	India	2021
84.	Sreemanta Mahavidyalaya	India	2021
85.	Maharaja Sriram Chandra Bhanja Deo University	India	2021
86.	Subhadra Mahatab Mahavidyalaya	India	2021
87.	Dhenkanal (Auto) College	India	2021
88.	Kendrapada Auto College	India	2021
89.	Sri Jayadev College of Pharmaceutical Sciences	India	2021
90.	Baba Bhairabananda Autonomous Mahavidyalaya	India	2021

91.	SVM College	India	2021
92.	Athagarh College	India	2021
93.	Chitkara Univeristy,Chandigarh	India	2020

MOUs with Corporate

Sl No	Name of the Institution	Country	Year of MoU
1.	CSG Systems International (India)Provate Limited	India	2022
2.	Ziroh Labs Private Limited	India	2022
3.	Talentedge Eduction Ventures Pvt. Ltd.	India	2022
4.	Alliance Francaise Du Bengale	India	2022
5.	Sandvik Materials Technology India Private Limited	India	2022
6.	IndoAsia Copper Ltd.Wos of Kiri Industries Ltd	India	2022
7.	Health Systems Design and Transformation9Health Systems Transformation Platform-HSTP)	India	2022
8.	247 Digitieze Services Private Limited	India	2022
9.	Tirupati Graphene & Mintech Research Centre	India	2022
10.	ROOTS CYBER LAW FIRM,BENGALURU	India	2022
11.	Comviva Technologies Limited	India	2022
12.	Tata Steel limited	India	2022
13.	Small Industries Development Bank Of India	India	2022
14.	Centre For Cultural Resources and Training (CCRT)	India	2022
15.	NBCC(India)Limited	India	2022
16.	Blumetra Solutions	India	2022
17.	MITSUBISHI CORPORATION INDIA PRIVATE LIMITED("MCI")	India	2022
18.	CSIR Central Road Research Institute,New Delhi	India	2022
19.	International Association of Comparative Literature,Society and Culture,Bhubaneswar	India	2022
20.	Pricewaterhouse Coopers Prijvate Limited	India	2022
21.	Ganesh AID Consultancy company Limited	India	2021
22.	Choice Consultancy Services Pvt Limited	India	2021
23.	Indian Institute of Metals,Kolkata	India	2021
24.	NEC Corporation Pvt. Ltd. Japan	India	2021
25.	Odisha Renewable Energy Development Agency	India	2021
26.	Microchip technology India Pvt. Ltd.	India	2020
27.	National Highway Authority of India	India	2020
28.	Ernst & Young LLP	India	2020
29.	Britannia Industries Limited	India	2019
30.	Uniseven Engineering & Infrastructure Private Limited	India	2019

31.	MDH Spices	India	2019
	M/s. ACER India Pvt. Ltd.	India	2019
	Chola People and Marketing Services Pvt. Ltd.	India	2019

Appendix VII: **Patent Published/Granted in 2022**

Sl. No	Patent title published/granted in 2022
1	Fuzzy logic based fault current prediction in double fed induction generator wind turbine
2	Methods and reagents for detection, and serotyping of dengue viruses
3	Iot integrated water purifier with ozone generator
4	A medicine recommender system
5	Run-out table mechanism with wireless control
6	Hygienic bite board
7	Composite separator for lingual retainers
8	Two wheeler anti-theft alarm
9	System and method for electromagnetic wave based rapid tissue fixation and preparation
10	A novel photoplethysmograph iot based device to determine the heart rate using volume measurement of blood in arteries and capillaries
11	Apparatus for manipulating a surgical element in an interventional medical procedure
12	A novel cost-effective device for the treatment of gynecological tumor
13	Stop appliance - simultaneously treating orthodontic problems
14	Wearable and smart phone coupled women safety device
15	LOW-COST PORTABLE & CHARGEABLE LASER SECURITY SYSTEM FOR PROPERTY PROTECTION
16	Autonomous seam welding machine
17	Electro-trapping of microorganisms through functional fluorescent microgel beads
18	An autonomous floor cleaning robotdeemed to be university, an institute of eminence,
19	Intelligent circuit enable portable testing apparatus for servo motor
20	Iot based health care management system
21	LOW-COST PORTABLE & CHARGEABLE LASER SECURITY SYSTEM FOR PROPERTY PROTECTION
22	Atomized nano fluid spray impingement cooling system and process for hard turning
23	Onsite automated soil testing system
24	A novel cement composition incorporating bulk fly ash and nano fly ash
25	A single layer polarisation insensitive meta-material structure with x-band radiation absorbing characteristics
26	Solar based double channel water purification system for rural people
27	Intelligent circuit enable portable testing apparatus for servo motor
28	Cost effective solar house
29	Circularly-polarized antenna for multi-frequency operation
30	Artificial intelligence based outdoor navigation system using augmented reality

31	A System and a Method for Improving Current Profile in a Hybrid Energy Source
32	System of internet of things (iot) based worker safety helmet for mining tracking
33	Photovoltaic cleaning and cooling system
34	System of internet of things (iot) based worker safety helmet for mining tracking
35	High yielding short synthetic route for favipiravir
36	Patternator for mass flux measurement
37	Portable apparatus for underground cable fault detection
38	Portable apparatus for underground cable fault detection
39	Photocatalytic process for purification ofwaste water comprising of chemical and biological pollutants
40	Ensuring nutritional value of food products from manufacturers to consumers using wireless sensor networks and blockchain technology
41	Natural draft lpg cook stove
42	Intelligent robotic mechanism to automate swab test to detect covid-19 disease
43	An iot based quality analyzing system for rectifying faults in an electrical distribution system
44	INTERNET OF THINGS APPARATUS FOR DETECTION & MONITOR OPERATION PHYSICAL PARAMETER FOR SAFE MANHOLE
45	A system for determining indoor location using a digital visual system based on internet of things (iot) and method thereof
46	Sensor based artificial nervous system to assist paralyzed people
47	Novel mutant l-asparaginases
48	Method for detecting abnormalities in computer network security using big data analysis
49	A novel l-asparaginase variant and its use as food processing aid
50	System and method for real time monitoring and predicting heart health performance
51	Modified rotor for wind turbine to enhance the efficiency
52	Crop reaping apparatus
53	Production of metallic copper from copper oxide through reduction by low temperature hydrogen plasma
54	Production of nano size iron cobalt alloy powder by solid state reduction of oxides with cold hydrogen plasma
55	Pre-mix and post-mix processes for producing biofuel using non-edible oils
56	Technique for multilayer protection from quantifiable vulnerabilities in industrial cyber physical system
57	Intelligent medical monitoring apparatus for instant help
58	Automated transmission of ev in densely populated regions using internet of things
59	A compact laser workstation attachment (lwa) system
60	INTERNET OF THINGS APPARATUS FOR DETECTION & MONITOR OPERATION PHYSICAL PARAMETER FOR SAFE MANHOLE
61	Object having stair climbing and descending system, with a suspension mechanism
62	System and method for preservation of fluid dairy products
63	Defense ammunition tracking system using blockchain technology
64	Microcatheter device
65	Method of preparation of biodiesel and apparatus therefor

66	Water soluble tetra(4-pyridyl)resorcin[4]arene cavitand and its method of preparation
67	Blockchain-based system and method for providing a platform for managing blood banks
68	Vegetable and fruit washer
69	A novel process for the preparation of nanocrystalline single phase lithium metatitanate at room temperature
70	Machine learning based plant growth moderator
71	Electroless deposition of nano silver metal onto polyurethane regulating deposit size through mixed current
72	Multifunctional headgear
73	Multifunctional headgear
74	Iot based intelligent ambulance tracking and road clearance system
75	Cost effective solar house
76	Unmanned aerial vehicle with ground traversing capability
77	Health monitoring system
78	Machine learning and iot -based smart self adjusting potty seat
79	System and method for microchannel cooling with air-water spray
80	Method of detecting genome condition
81	Apparatus for spray cooling of hot metallic surfaces
82	Hybrid reinforced polymer composites
83	Electroless deposition of nano silver metal onto polyurethane regulating deposit size through mixed current
84	A telescopic platform connector device useful for the railways
85	Photocatalytic process for purification ofwaste water comprising of chemical and biological pollutants
86	Sensor based intelligent system to ensure social distancing among students in educational institutions to prevent the spread of covid-19
87	Sensor based smart waste management system using artificial intelligence
88	Integrated power system for generation of electricity
89	Machine learning and iot -based smart self adjusting potty seat
90	METHOD FOR PRODUCING aln GRAFTED CNT AND NANO-tib2 PARTICULATE REINFORCED Al 7075 MATRIX COMPOSITES
91	Method of detecting genome condition
92	System and method for predicting spread of infectious disease
93	A process for the thermo-chemical extraction of alumina from red mud
94	A pharmaceutical combination for treating tuberculosis
95	High performance vegetable oil based bio-dielectric fluid for electrical discharge machining
96	A system based on deep learning three-dimensional pipeline reconstruction and method thereof
97	Portable backup apparatus
98	High performance vegetable oil based bio-dielectric fluid for electrical discharge machining
99	Photoluminescent bamboo charcoal carbon

100	Intelligent prediction and image generation model using machine learning to train self-driving cars
101	Natural fiber/glass fiber hybrid composites
102	Ragi based infant nutritional food and preparation method thereof
103	Process for synthesis of semiconductor device and its application for in-situ detection and degradation of gases
104	A novel spring design method for vehicular suspension system
105	Intelligent healthcare system for detection of tumor cells in lung cancer ct images using image processing
106	Solar based double channel water purification system for rural people
107	Coplanar waveguide fed clover shaped antenna for biomedical applications
108	Production of nano size single solid solution of fe-co alloy by electroreduction of iron-cobalt citrate solution
109	An autonomous floor cleaning robot
110	Improved hand operated embroidery tool for easy operation
111	User guidance system
112	System and method for measuring stress level
113	An online crack detection unit for railway tracks
114	System and design of sensor based electronic ventilator for covid-19 patients
115	Biosorbent for adsorptive separation of heavy metals from aqueous systems
116	Hydrogel for tissue engineering and methods of production and uses thereof
117	Machine learning based hand sanitizer making and dispensing machine
118	A method for analyzing and optimizing violence against women on social networking sites
119	Machine learning based smart water purifier and dispenser
120	Iot and Machine Learning based Building Energy Management System (ibems)
121	A novel cost effective portable ventilator mechanism for medical and health care
122	A system for advanced dead-time compensator-based series cascade control structure for unstable processes
123	Semi-automated compaction machine
124	Iot based integrated device and system for health analysis
125	A composition for partial replacement of ordinary portland cement
126	Iot and Machine Learning-Based Student Management System
127	Strategic management of electronic trade
128	Thermal screening system and method
129	Novel mutant l-asparaginases
130	Drone based autonomous construction with deep augmented learning
131	Microstrip array antenna for multi-functional wireless communication free of signal loss/signal degradation
132	Abrasive jet machine
133	Mask capable of language translating
134	Method of management of computing workload in the networked hosts using artificial neural network
135	A method for analyzing and optimizing violence against women on social networking

	sites
136	Compact multi frequency antenna using single-layer and single-port excitation
137	A device for easing the anxiety of a user
138	System and method for monitoring extent of air pollution
139	Uc-device: automatic device for unlocking car door (key inside the car)
140	Zigbee Based Solar Powered Forest Fire Detection and Control System
141	Embedded system based ocean monitoring and information gathering system
142	MACHINE LEARNING AND iot BASED AUTONOMOUS CAR JACK
143	A noble study on a di diesel engine fueled with different blends of leucas zeylanica methyl ester (lzme) and 2-ehn diesel additive with diesel
144	Smart mask shaped mouthset capable of enhancing and synthesizing speech even from lip movements
145	Smart glove for visually impaired people
146	Movable dustbin
147	A system based on digital image processing for utilizing differential image intensity determinations and method thereof
148	System and method for detection and control of cyberattacks in large network using data mining
149	Lung cancer detection and recommender system using deep learning
150	Sentiment Analysis of Human being with Effective Word Embedding Methodologies
151	Machine learning based ball throwing machine
152	Deep learning based system for detection of covid-19 disease of patient at infection risk
153	Thermal screening system and method
154	An image processing system for touch display product, storage medium & electronic device
155	A mobile sanitizer dispensing unit
156	System for depression detection using textual and emoji analysis in social-media through machine learning
157	Iot based personal security system
158	Method for cyber security in email communication among networked computing devices
159	Intelligence system for the early detection of omicron symptoms based on artificial intelligence, iot, and artificial intelligence
160	Communication method of blockchain data sharing using secure encryption and decryption
161	System and method for extraction of sweet compounds from natural stevia
162	A data processing system and method for vehicle-end device with a cloud computing
163	Health monitoring finger ring though sensing the sweat of human body using internet of things
164	Smoke detection and monitoring through advanced sensors and iot in cloud-based intelligent system
165	A cloud computing technology-based file management and uploading method & apparatus
166	Sensor based smart railway system to minimize train collisions and accidents
167	Locating simultaneous short circuit faults in high voltage alternating current transmission lines

168	A method for analyzing and optimizing violence against women on social networking sites
169	Low-cost public transport disinfection and sterilization system
170	Smart classroom system
171	Computer implemented method for generating notification during call without using internet in wireless communication
172	Cryptocurrency and bitcoin based on financial transaction management system
173	Aqua mistifyer vegetable and fruit sanitizer
174	Machine Learning-based Smart Workout Mirror and Method Thereof
175	Device for automatic contactless dispensing of masks and sanitizers for use during covid-19 pandemics
176	Machine Learning-based Smart Workout System
177	A System for Fault Analysis of PI And Fuzzy Logic Controlled DFIG-Based Grid Connected Wind Energy Conversion System
178	Smart glove for visually impaired people
179	Portable smart bottle for instant cold and hot water
180	Brushscope
181	A composition for partial replacement of ordinary portland cement
182	Optimization of car buying criterion using multi-class classification model
183	A method for analyzing and optimizing violence against women on social networking sites
184	Antimicrobial effect of streblus asper leaf extract: a randomized controlled clinical trial
185	Polysaccharide-based wound healing patch
186	Frequency stability analysis of micro grid with virtual inertia control
187	Remote control solar drone water cleaner for floating waste
188	A non genetically modified approach of rhizobacterial cocktail for imparting tolerance for abiotic stress matrix
189	Utilization of spent catalysts for molybdenum trioxide extraction: an exemplary source for molybdenum mof
190	Smart and intelligent apparatus for automatic car wiper
191	Smart and intelligent apparatus for automatic car wiper
192	Lung cancer treatment using astragalus, cisplatin and vinorelbine
193	Omnihasp - a radiographic sensor holding device
194	Distributed ledger technology in the construction industry using corda
195	A novel composite catalyst for the removal of methylene blue dye from dye contaminated water
196	Iot enabled and timely reminder smart medicine box
197	An IOT equipment based secured cloud network communication method
198	Smart healthcare system for monitoring and control of the indoor environment using iot technology and artificial intelligence
199	An audio signal listening device for detecting nearby sound and a method thereof
200	Iot AND MACHINE LEARNING-BASED POWER DISTRIBUTION MANAGEMENT SYSTEM
201	SYSTEM FOR SMART & INTELLIGENT BLOOD BANK FACILITIES USING IOT
202	Smart portable apparatus for saline solution level detection and alerting system for automatic patient care

203	Green synthesis of cerium doped manganese oxide nanoparticles by using natural surfactant
204	Quinacrine-gold hybrid nanoparticle and nir irradiation for treatment of oral cancer
205	INTELLIGENT & SMART MIRROR INFRASTRUCTURE USING IOT TECHNIQUE
206	An iot based system for data acquisition
207	A system for detecting threats in iot networks and method thereof
208	Technique for multilayer protection from quantifiable vulnerabilities in industrial cyber physical system
209	Smart covid-19 testing booth automation system
210	An iot-based smart solar panel cleaner robot
211	Nectin-4 as a soluble biomarker for the detection of cancer
212	Intelligent circuit enable electronic portable apparatus for medicine reminder
213	APPARATUS FOR THEFT DETECTION & REAL-TIME PREDICTION OF ENERGY METER WITH DISCONNECTION PROCESS USING IOT
214	Machine learning based plant growth moderator
215	A new screening model for pre-eclampsia using of uapi in 1st and 2nd trimester
216	Door-locking system and method
217	Rotatable mobile phone holder
218	An unmanned aerial vehicle based method and system for patrolling over search and rescue area
219	MACHINE LEARNING AND iot BASED AUTONOMOUS CAR JACK
220	Analytica-biotechnica data validation platform
221	Machine learning based hand sanitizer making and dispensing machine
222	Iot AND MACHINE LEARNING-BASED POWER DISTRIBUTION MANAGEMENT SYSTEM
223	Machine learning based smart water purifier and dispenser
224	Iot and Machine Learning based Building Energy Management System (ibems)
225	Energy efficient monitoring of mentally challenged people using wireless sensor networks
226	A novel phenotypic antimicrobial resistance testing using cost effective integrated biochip
227	Testing the quality of fruit and kill covid19 virus.
228	E-commerce Expansion Management
229	A System for Fault Analysis of PI And Fuzzy Logic Controlled DFIG-Based Grid Connected Wind Energy Conversion System
230	A system for solar pv interfaced high gain dc to dc converter
231	Uni cycle vehicle
232	A system based on artificial intelligence recognition for language maintenance
233	Intelligent circuit enable covid-19 detection framework using iot
234	Method and apparatus for continuous electric power generation using compressed air
235	Analysis and Identification of Novel Therapeutic Target in Bacteria Associated with Health Care Infection
236	Tio2 nano-particles impregnated surgical silk suture
237	Application of fpga-based neural networks for occupancy detection of an educational building

238	An experiment special technology in emergency management and disaster response for human world
239	A digital device based helmet for inducing safety of the user
240	Wearable device for vital signs monitoring of pregnant women
241	An umbrella type tracker based solar cooker
242	Iot based bed for somnambulism (sleepwalking) patient
243	Wireless sensor networks based smart eye glasses for assisting visually impaired people
244	A three port high gain power converter for residential microgrid
245	Process for preparation of bacteria-resisting graphene oxide-steel, zinc, nickel and tin composites
246	An iot Based Smart System to read the ECG and Alert the Consultant in Case of Emergencies
247	Iot based natural uv passed room air sterilizer
248	A point of care apparatus, method and kit for detecting streptococcus pneumonia
249	Usage of cow urine as an additive with the unusable cooking oil for the emission reduction from diesel engine exhaust
250	Solar based hybrid heating system and method with variable load conditions for low-wattage metallic appliances.
251	Artificial intelligence based fire fighting robot with smart sensors
252	Machine Learning-based Smart Workout Mirror and Method Thereof
253	Zero rpm-synthesized tunable plasmonic hollow silver nanoshells in the first and second near-ir windows for enhanced solar-catalysis
254	Machine Learning-based Smart Workout System
255	Autologous platelet rich plasma (prgf) preserves genomic stability of gingival fibroblasts and alveolar osteoblasts after long-term cell culture
256	System and method for automatically detecting plagiarism
257	"N-fused aminoimidazoles as novel topoisomerase iia-targeting anticancer agents"
258	Big data, cloud based determination of the relationship between height and heart beat of male and female students
259	Next generation bio friendly economical solar powered drinking water purifier for rural areas
260	Anti-theft device for rolling shutters
261	Motorized day bed control interfaced with an ingrained system by simple physical movements
262	Illuminating dental instrument, coupling and method of use
263	Digital workflow for edentulous patients with implant-supported fixed prostheses: a fully digital technique
264	A novel nanocurcumin formulation for ameliorating hypobaric hypoxia induced maladies.
265	Integrated power system for generation of electricity
266	Personalizable and optimised solar power supported intelligent power supply system.
267	Iot based modern site supervising method
268	Curcumin nanoparticles and methods of producing the same
269	Fabrication of pervious concrete from fly ash
270	Temperature regulating device

271	A novel cement composition incorporating bulk fly ash and nano fly ash
272	A System and a Method for Improving Current Profile in a Hybrid Energy Source
273	Framework for service quality management to ensure customer satisfaction in modern virtual enterprises
274	Iot and Machine Learning-Based Student Management System
275	Run-out table mechanism with wireless control
276	The impact of the goods and services tax (gst) on india's fast-moving consumer goods sector
277	Novel mutant l-asparaginases
278	Novel mutant l-asparaginases
279	Design and development of underground pipe installation and restoration technique
280	Artificial Intelligence based Prediction and prevention of Kidney disease using machine learning Algorithms for Health care management
281	A novel hybrid renewable power platform to harvests wind, solarand water current power from running water-channel
282	Business Analytics data-driven management: empirical evidence from new tourist businesses
283	Sensor Based Intelligent Robotic Leg for Assisting Physically Challenged People using Reinforcement Learning
284	Power backup enable smart petrol pump apparatus using iot & intelligent circuit
285	Composite solar panel cover and method of formation thereof
286	Generic framework for computer security using artificial immune system
287	Intelligent circuit enable intellectual security system for bank locker using iot
288	Automatic contactless health parameters measurement and monitoring apparatus
289	Method of Coastal Communication and Response System during Tropical Cyclone using Mobile Ad-hoc Network
290	Designing and developing a clinical merit of bioactive glass in restorative dentistry
291	A novel approach to predict exchange rate using artificial neural network
292	Degumming of muga silk by natural surfactant
293	The internet of things (iot) based natural disaster recognitionand safety system
294	AUTONOMOUS qos BASEDCATASTROPHIC DISASTERCOMMUNICATION SYSTEM IN MOBILE AD HOC NETWORK USING ANT COLONY OPTIMIZATION
295	Iot gateway, a method for bridging various wireless sensor networks over the internet
296	Live attenuated salmonella vaccine
297	Method of preparation of biodiesel and apparatus therefor
298	Role of recognition programs and leadership development in talent management
299	A pharmaceutical combination for treating tuberculosis
300	A pharmaceutical combination for treating tuberculosis
301	A system for advanced dead-time compensator-based series cascade control structure for unstable processes
302	Bone replacement implants with mechanically biocompatible cellular material
303	Internet of things (iot) sensor based smart fan
304	A system for smart retail shopping using a wearable band
305	The importance of nurses in preventing infant and under-5 year child mortality

306	Atomized nano fluid spray impingement cooling system and process for hard turning
307	Usage of iot in Machine Learning Built on Block-Sparse Coding for Accurate Device-Free Localization
308	Patternator for mass flux measurement
309	A new liquid cell for mev-electron irradiation at low temperature
310	A smart suit with inbuilt pesticide sprayer for agricultural applications
311	A novel product management strategy for better business turnover
312	A novel calendula officinalis, ocimum sanctum, curcuma longa homeopathic formulation for oral sub mucous fibrosis lesion
313	Methodology based on machine learning clustering for resource sharing in ad hoc network
314	Innovative Solutions to address Oral Health in Rural Communities
315	System and method for replacement of batteries for battery operated vehicle
316	Iot based smart farming system to predict crop and fertilizers based on various factors using machine Learning Algorithms
317	Curcumin nanoparticles and methods of producing the same
318	A server updation method and system using iot environment
319	Polycentric Knee Joint for Improved Stability and Flexion
320	Image processing based covid-19 prediction using deep learning
321	Iot based small portable low-cost apparatus for unauthorised parking detector
322	Sentiment Analysis of Human being with Effective Word Embedding Methodologies
323	Abnormal cell proliferation detection system
324	Intelligent circuit enable electronic portable apparatus for medicine reminder
325	Smart portable apparatus for saline solution level detection and alerting system for automatic patient care
326	Smart healthcare system for monitoring and control of the indoor environment using iot technology and artificial intelligence
327	System for smart & intelligent blood bank facilities using iot
328	Portable full face mask with eye glass for breathing solution in covid-19
329	Intelligent & smart mirror infrastructure using iot technique
330	Intelligent circuit enable covid-19 detection framework using iot
331	A recommendation system and method for e-commerce using machine learning
332	Smart covid-19 testing booth automation system
333	Wearable hand sanitizer dispenser device with pulse oximeter
334	Portable smart bottle for instant cold and hot water
335	Intelligent agriculture protection device
336	Image processing based smart contactless barricade for health monitoring
337	Apparatus for theft detection & real-time prediction of energy meter with disconnection process using iot
338	Iot and cloud based high and low blood pressure monitoring and controlling system using machine learning algorithms for safe health care management using machine learning.
339	Sem-based research on integration between project management and supplier management
340	Apparatus for real time prisoner monitoring & alerting system using iot

341	Artificial Intelligence based Automatic Healthcare Management system for detection and Prevention of Pancreatic Cancer using Multidetector Computed Tomography, image processing and Machine Learning algorithms
342	Smart organic led farming system based on artificial intelligence & machine learning model
343	Cell capacity evaluation using fifth generation wlan and ieee 802.11ax for vbr traffic.
344	Iot based leg bone segmentation system and method thereof
345	DACH- Health Notification: iot-based Health Notification and Doctor Availability Checking in Hospital Using Machine Learning, Deep Learning Programming
346	Sweat Sensor Based Wearable Intelligent Device to Detect Emotional States of a Patient using Deep Learning
347	Iot based pulse oximeter for patient health monitoring system
348	A device for the preparation of a prf membrane.
349	A System & Method for defect recognition in additive manufacturing using image processing based on iot & AI
350	Multipurpose medicine dispenser system
351	A novel selection algorithm based on similarity theory
352	Volatile components collection unit with incineration of crude plant materials
353	A novel nanosilver hand rub sanitizer gel
354	Lower limb passive exoskeleton for load redistribution away from the knee joint
355	Iot and Artificial Intelligence based perdition of food contamination using data mining techniques
356	An implicit approach for power quality assessment and controlling of solar photovoltaic integrated converter system
357	A security system for detecting trespassers
358	A generalized epileptic seizure detection framework independent of defined channels.
359	Footwear with automatic adjustable heel height
360	Real time traffic management
361	A locking device
362	DACH- Health Notification: iot-based Health Notification and Doctor Availability Checking in Hospital Using Machine Learning, Deep Learning Programming
363	An rfid based retail shopping system and method using a smart wearable device
364	Smart framework for providing privacy and protection in block chain based private transactions using cloud computing approach
365	Usage of cow urine as an additive with the unusable cooking oil for the emission reduction from diesel engine exhaust
366	Indigenous leadership measurement tool
367	Automated tea making machine
368	Impact of digital marketing for consumer purchasing behavior in e- commerce
369	A method for cleaner production environment in electro discharge machining process
370	Calendulla in initial stages of homogenous leukoplakia
371	Medical products automated monitoring system using iot technology.
372	Method and system for dynamic phasor estimation
373	Smartmon: monitoring the status of smart devices via network traffic
374	Distomolar soft tissue pincer

375	A system and method of uniform distributed wireless sensor nodes in medical tools for edge/cloud-based computations
376	Cost effective portable oxygen concentrator for covid-19
377	Cost effective portable oxygen concentrator for covid-19
378	Fabrication of portable device for easy detection on Neonatal Milia Using Deep learning
379	Fabrication of portable device for easy detection on Neonatal Milia Using Deep learning
380	Delicate vibratory instrument for neonates oral motor simulation
381	Delicate vibratory instrument for neonates oral motor simulation
382	SUSTAINABLE REMOTE ASSISTED & TRANSPORTABLE NEONATAL CARE DEVICE FOR JAUNDICE TREATMENT

Appendix VIII: Major Research Projects and Consultancies towards SDGs During 2022

Various Research Work are ongoing on various SDGs:

SDG 1: No poverty:

Health and Hygiene Issues of Tribal Children In Kandhamal , Odisha& quot;

Roles and impact of asha workers in combating covid 19: Case Study bhubaneswar

Intervention of Use of Technology in Government Sponsored ICDS: A Case Study of Khorda District, Odisha

Effectiveness of Educational Intervention to Mothers on Improving LATCH Score, Breastfeeding & Weight among Infants in a Selected Hospital, Bhubaneswar

Perception and experiences regarding gender - inequality among male nurses in selected health care institutions, Khordha: A Qualitative study

Factors contributing e-health literacy and health promoting behaviour among University students : A cross-sectional study

Scoping Review of Solid fuel users' perceptions of household solid fuel use in South Asia Countries.

Perception, attitude and quality of life for new strain covid infection among the population in some parts of eastern odisha

Sustainable Nitrogen Management in SAARC Countries

SDG 2: Zero hunger:

Health and Hygiene Issues of Tribal Children In Kandhamal , Odisha& quot;

Rural Bioresource complex for tubers and milets in Kandhamal, Odisha

Roles and impact of asha workers in combating covid 19: Case Study bhubaneswar

Intervention of Use of Technology in Government Sponsored ICDS: A Case Study of Khorda District, Odisha

Social Trust Servqual Model, and Service Consumption : A Covid19 Study"

Effectiveness of Educational Intervention to Mothers on Improving LATCH Score, Breastfeeding & Weight among Infants in a Selected Hospital, Bhubaneswar

Perception and experiences regarding gender - inequality among male nurses in selected health care institutions, Khordha: A Qualitative study

Factors contributing e-health literacy and health promoting behaviour among university students : A cross-sectional study

Scoping Review of Solid fuel users' perceptions of household solid fuel use in South Asia Countries.

Perception, attitude and quality of life for new strain covid infection among the population in some parts of eastern odisha

Promotion of Regenerative Agriculture Initiatives at Mangalajodi, Odisha: A Baseline

SDG 3: Good Health Well being:

Service Quality Dimensions :-An Assessment of Government Sponsored Social Programmes

Exploring The Limitation of Medical Negligence Law with Special Reference to Odisha.

Socio-Economic and Health Interventions for the Greying Population: An Impact Assessment in the State of Odisha.

Research on Rheumatoid Arthritis with title 'Identifying Mitochondrial Dysfunction as the regulatory mechanism in progress of Rheumatoid Arthritis and the associated therapeutic opportunities in the Indian case control cohort' in collaboration with SERB

Research on diseases like cancer, tuberculosis are being carried out in collaboration with government agencies like Board of Research in Nuclear Sciences (BRNS), Science and Engineering Research Board (SERB)

Development & Characterization of microtumor spheroide for evaluating radio pharmaceuticals

Development of a potent anti-cervical cancer drug using bioactive small molecule quinacrine Nanopartical

Deciphering the Effects of Radiopharmaceuticals on Eplgenetic Profile of Colon Cancer

Effect of lipoic acid on lionizing radiation-induced TGF beta signaling in breast cancer cells

Effect of Micro RNA-214 in Modulating Chemo Resistance/Sensitivity in Cervical Cancer

Quinacrine and Silver based hybrid nanoparticle caused apoptosis in Oral cancer stem cellsby inhibiting induction of base excision repair pathway

Role of Estrogten-related recitor @ (ERRa) in epithelial mesenchymal transition and metastasis of breat cancer

Olaparib (AZD2281) a PARP inhibitor and curcumin synergisticallyinduces apoptosis in oralcancer stem cells by inhibiting the DNA repaircascade

Validation of anti-cancer activity of Phytochemicals from traditional herbal healing practices

Analysis of CART Cell therapy as a living drug for the treatment of hematologic cancer

Multpronged Approached for Clinical Assesment of Novel Curcumin Formulations as Drugsfor breast cancer therapy

Study on estrogen receptor alfa (ER-a) in breast cancer patients with reference to local population.

Determination of Biofilm Pharmacpdynamics of newly formulated, nanoconjugated antibiotics to Optimize treatment and dosing of chronic, antibioticresistant biofilm infections

MultiOmics Analysis to Decipher Mechanisms of Hormone Resistance in Breast Cancer

Development of Natural Emulsion based Beverage and its domain in energy drink

Support to establish DBT Boost to University Interdiscilinary Life Science Department for Education and Research (DBTBuilder) Programme

Deciphering Osteopontin Driven Regulator(s) of Metastasis in Triple Negative Breast Cancer using Dead Cas9Based Tools

ZBTBlO:a potential trigger for dendritic cell immune responses

A comparative study of various topical formulations of curcumin towards diabetic wound healing in a rat model

Thermal Plasticity & Thermal Evolution in Drosophila Melanogaster: An Integrative Approach

Vitamin biofortification through fermentation of common energy denses food of India and South Africa for young children 3-10 years

Role of Estrogen-related recepto a (ERRa) on the self renewal of breast cancer stem cells and its implications in the chemoresistance

Decrypting the functional role of the human erythrocyte HSP70 chaperones (HSPAI and HSPA8)in intraerythrocytic development of Plasmodium falciparum

Targeting Nucleolin for Refining Anti-Neoplastic Chemo-Immunotherapy and Immunomodulation in B-Cell Lymphoma

Machine learning approach for druggability prediction and prioritization of essential hypothetical genes in Plasmodium falciparumgenome and virtual screening of PATHOGENBOX small molecule inhibitors through molecular modeling study

Understanding the Enigma of interconnection between Flammatory bowl disease (IBD) and neurodegenartion Utilization genetically predisorder IBD Mice

Health and Hygiene Issues of Tribal Children In Kandhamal , Odisha& quot;

A comparative study of various topical formulation of cucumin towards diabetic wound healing in a rat model.

Comparative therapeutic efficacy of different phyto-nanotherapeutics in overcoming drug resistance in breast cancer cells.

Role of C terminal Region of Mycoacterium tuberculosis Hsp16.3 for its structure, stability and chaperone function under thermal stress.

Encapsulation of highly fluorescent carbon quantum dots in metal organic frame works for cancer theranostics.

Evaluation of anti tuberculosis activity of novel drug composites and their delivery using Bio nano organic frameowrks and quantum dots to infected macrophages.

Development of first ever bromelain containing muco- adhesive buccal patch for management of oral submucous fibrosis

Investigation of antisite disorder in R2CoMnO6 and R2NiMnO6, R: Rare Earth, double perovskites.

Development of fluorescent carbon dots and mesoporous silica-based nanohybrids for cancer theranostics

Synthesis and evaluation ofm198Au-based nanoparticulate system for radiotherapy of breast cancer

Understanding the Enigma of interconnectionbetween Flammatory bowl disease (IBD) and neurodegenartion Utilization genetically predisorder IBD Mice

DZNepA as a Therapeutic Drug Candidate for Breast Cancer Treatment

Machine learning approach for druggability prediction and prioritization of essential hypothetical genes in Plasmodium falciparum genome and virtual screening of PATHOGENBOX small molecule inhibitors through molecular modeling study-colllaborative Research

Elucidating the intricate biology of the Aryl hydrocarbon receptor (AHR) activation and crosstalk in cancer

Development of Electronic Medical Record (EMR) registry and machine learning model for prediction of diabetic nephropathy using renal biomarkers and clinical data

Translational Research Program on Disease Biology and Diagnostics Focusing on Gastrointestinal bacterial pathogens

Antibiotic resistance: Preventive measures and minimizing consequences in Community, Patients and the Environment through risk assessment and targeted interventions in the context of India

Development of Novel Plant Based and Nano-formulations for Mosquito control

Development of Electronic Medical Record (EMR) registry and machine learning model for prediction of diabetic nephropathy using renal biomarkers and clinical data

Development of an Electronic Medical Record (EMR) registry and AI (Artificial Intelligence) model for prediction of mortality in liver cirrhosis using hepatic biomarkers and clinical data

Anthropogenic and Geogenic contamination of ground water in Bhubaneswar urban catchment -A systematic Investigation.

Development of Low cost van portable CT-Scan with AI based disease identification

Mechanism of origin and propagation of cognitive distortion in changing form of public sphere during COVID and Post COVID state

An experimental investigation over anti-bacterial activity of hybridized Graphene and its derivatives

Effectiveness of Educational Intervention to Mothers on Improving LATCH Score, Breastfeeding & Weight among Infants in a Selected Hospital, Bhubaneswar

Factors contributing e-health literacy and health promoting behaviour among university students : A cross-sectional study

Efficacy of yoga for the management of pain and sleep in patients with rheumatoid arthritis5

Effectiveness of Educational Intervention to Mothers on Improving LATCH Score, Breastfeeding & Weight among Infants in a Selected Hospital, Bhubaneswar

Perception and experiences regarding gender - inequality among male nurses in selected health care institutions, Khordha: A Qualitative study

Effectiveness of reminiscence therapy on psychological well-being among elderly at selected old age home, Bhubaneswar

Effectiveness of Combo Therapy on migraine among female nursing students in selected nursing college, Bhubaneswar- A randomized controlled trial

Efficacy of oral cryotherapy in comparision to normal saline mouthwash on reducing alkylating drug induced oral mucosytis among cancer patient, Tertiary care hospital, Bhubaneswar

Prevalence and Associated Factor of obesity and overweight among younger adult people with Diabetes Mellitus in Tertiary Care Hospital, Bhubaneswar.

Effect of Mindfulness Based Intervention on Perceived Stress among Breast Cancer patients undergoing Chemotherapy in selected Cancer hospitals, Bhubaneswar

A cross sectional study between spiritual health and mental health among older adults in selected community area of Bhubaneswar.

A cross sectional study to assess knowledge and attitude regarding Attention Deficit Hyperactivity Disorder (ADHD) among primary school teachers in selected school, Bhubaneswar, Khordha

Effect of dance movement therapy on psychological distress among depressive clients at PBMH, Bhubaneswar, Odisha- A randomised controlled trail.

Impact of gestational diabetes on depression and breastfeeding self-efficacy in postpartum period in a selected hospital of Bhubaneswar.

A qualitative research on Experience of women regarding male factor infertility under In Vitro Fertilization in a tertiary care hospital, BBSR, Odisha.

A study to evaluate effectiveness of breastfeeding on pain experience of infants during Intramuscular injection in selected tertiary health center.

A descriptive study to assess the knowledge regarding the warning signs During pregnancy among the antenatal mothers in KIMS hospital, Bhubaneswar

Cross sectional study to assess the level of expressed emotion among caregivers of mentally ill patients.

Quality of life of women suffering from gynecological cancer undergoing chemotherapy in Sparsh hospital, Bhubaneswar

Preferred LSCS over NVD among primigravida mothers ,at selected hospital ,Bhubaneswar

Prevalence of high risk pregnancy and associated risk factors among antenatal mother attending at a tertiary care hospital,Bhubaneswar,odisha

A descriptive study to assess the self-care practices of patient with ischemic heart disease attending cardiac OPD

A study to assess the Knowledge and prevention of TORCH infection among antenatal mothers in KIMS ,Bhubaneswar

Awareness about breast cancer and breast self-examination among female girls college ,patia, BBSR

Impact of maternal phubbing on mother-child bonding among mothers and adolescent in selected schools of Bhubaneswar,odisha

A study to assess the prevalence of vector borne diseases among residents of urban slums in Bhubaneswar and develop a need based booklet.

Assessment of quality health care and patient satisfaction in outpatient facilities in a selected tertiary hospital, Bhubaneswar 3

Oral health protocol for elderly patients in terms of Practice of registered Nurses working in tertiary care hospital at Bhubaneswar 3

Assessment of Oral Health status, Oral care Knowledge, Attitude, Self-care Practice of elderly admitted in medical wards of tertiary care hospital at Bhubaneswar. 3

A Study to assess knowledge and practice of obeying five golden moment of hand hygiene among nursing staff and student at the tertiary care hospital ,B hubaneswar

Knowledge and attitude towards homosexuality people among nursing student in selected college in Bhubaneswar

Scoping Review of Solid fuel users' perceptions of household solid fuel use in South Asia Countries.

Effect of nursing intervention on thirst and intradialytic weight gain of patients with chronic kidney disease subjected to hemodialysis at tertiary care hospital, Bhubaneswar.

Effectiveness of muscle strengthening exercises on the level of ambulation among acutely hospitalized older patients admitted in medicine ward of selected hospitals of Bhubaneswar

Self-care practices and associated factors among patient with heart failure those who are admitted in cardiology IPD & OPD at tertiary care hospital, Bhubaneswar, Odisha

Prevalence of varicose veins and its contributing factors among ICU nurses from selected hospital of Bhubaneswar, with a view to prepare an information booklet on prevention of varicose vein.

Effects of modified constraint-induced movement therapy in the recovery of upper extremity function affected by a stroke: A Single-blind randomized trial

Multi-component behavioral training on depression, anxiety and quality of life on premenstrual syndrome among adolescent girls.

Effect of education on knowledge and perception regarding care of disabled children among caregivers working in selected special schools,bhubaneswar, Odisha.

Parent information education & communication program on coping with stress & anxiety among mothers of preterm infants at PBMH, KIMS, BBSR

Quality of Life of Children with Acute Lymphoblastic Leukemia (ALL) in selected hospital BBSR

Effect of Hot Water Foot Immersion therapy in reducing body Temperature among Patients with Fever in admitted PBMH, Bhubaneswar, Odisha. 3

Efficacy of Inter professional Nurse-led Mental Health Promotion Intervention on Depression and its vulnerability among adolescents at selected +2 colleges, Bhubaneswar, Odisha.

Effect of Distraction techniques (i.e. Buzzyand Virtual Reality) on the pain and anxiety during venepuncture among the hospitalized children in a selected hospital at Bhubaneswar

Effect of mentoring programme on academic stress and alcohol addiction among students of selected nursing institutions,BBSR

A cross-sectional study to assess Perceived stress among students of selected Nursing colleges in Bhubaneswar.

Self care practices and associated factors among ambulatory heart failure patient in cardiology IPD & OPD at tertiary care hospital, Bhubaneswar, Odisha.

Maternal perception on essential newborn care among postnatal mothers at selected UPHCs, Khorda.

Prevalence and risk factors of UTI among the nursing students in Khurda district, Odisha

"Cognitive impairment among hypertensive and non- hypertensive postmenopausal women in a selected urban community, Bhubaneswar: A comparative study".

The Indian Epidemiological Evidences on Household Air Pollution and Respiratory Health Outcome.

Assessment of Oral Health status, Oral care Knowledge, Attitude, Self-care Practice of elderly admitted in medical wards of tertiary care hospital at Bhubaneswar

A study to assess the developmental trajectories of health-promoting behaviors among pregnant women of KIMS, odisha.

A comparative study on cognitive impairment and psychological distress among empty nest elderlys and non empty nest elderlys residing in selected urban areas of Bhubaneswar , Odisha.

Effectiveness of health promotion programe to improve the healthy lifestyle behavior among nursing students

An e-learning intervention module: nurse's perspective, knowledge and attitudes towards palliative care, death, care of dying

Individual's choice on modern contraceptive use among married women of reproductive age group in selected urban slums, Bhubaneswar: An exploratory study

Perception and health seeking behavior among adolescent girls in a selected urban, Bhubaneswar4

The Indian Epidemiological Evidences on Household Air Pollution and Respiratory Health Outcome.

A comparative study on cognitive impairment and psychological distress among empty nest elderlys and non empty nest elderlys residing in selected urban areas of Bhubaneswar , Odisha.

Knowledge and skill assessment of community health workers regarding NCD screening in tribal Odisha.

A Mixed Method Study to explore Knowledge & Practice of Mothers on Complementary Feeding and Malnutrition.

Effectiveness of health promotion programe to improve the healthy lifestyle behavior among nursing students

An e-learning intervention module: nurse's perspective, knowledge and attitudes towards palliative care, death, care of dying

Perception, attitude and quality of life for new strain covid infection among the population in some parts of eastern odisha

A study to assess the knowledge regarding medication-error among staff among staff nurses at selected hospital in Bhubaneswar, Khordha.

A study to assess the causes & risk factors for stillbirth among primi mother, Bhubaneswar, Odisha.

Image of nursing profession and its associated factors from health care recipient's perceptive - a cross sectional study.

Access, Usage and Challenges of Biju Swasthya Kalyan Yojna (BSKY) among beneficiaries attending selected tertiary care hospital, Bhubaneswar, Khurda District. 4

Development of first ever bromelain containing muco-adhesive buccal patch for management of oral submucous fibrosis.

Development of novel muco-adhesive buccal patch for management of oral submucous fibrosis

"Competency Assessment of in-service Pharmacists in Primary Health Care Settings in Odisha''

SDG 4: Quality education:

Knowledge on Z track technique among nursing interns from various nursing colleges in Bhubaneswar, Odisha-A Cross sectional study

A study to evaluate effectiveness of breastfeeding on pain experience of infants during Intramuscular injection in selected tertiary health center.

A descriptive study to assess the knowledge regarding the warning signs During pregnancy among the antenatal mothers in KIMS hospital, Bhubaneswar

Cross sectional study to assess the level of expressed emotion among caregivers of mentally ill patients

A study to assess the knowledge and practice regarding contraceptive methods among women in reproductive age group in a selected community area. Bhubaneswar

Awareness about breast cancer and breast self-examination among female girls college ,patia, BBSR

A Study to assess knowledge and practice of obeying five golden moment of hand hygiene among nursing staff and student at the tertiary care hospital ,B hubaneswar

Knowledge and attitude towards homosexuality people among nursing student in selected college in Bhubaneswar

Multi-component behavioral training on depression, anxiety and quality of life on premenstrual syndrome among adolescent girls.

Effect of education on knowledge and perception regarding care of disabled children among caregivers working in selected special schools,bhubaneswar, Odisha.

"Students perception on cloud technology teaching methods, effectiveness and quality indicators"

Parent information education & communication program on coping with stress & anxiety among mothers of preterm infants at PBMH, KIMS, BBSR

Effect of education on knowledge and perception regarding care of disabled children among caregivers working in selected special schools, Bhubaneswar, Odisha.

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A study to assess knowledge of ANM's in safe childbirth check list at selected hospitals of odisha

Prevalence and risk factors of UTI among the nursing students in Khurda district, Odisha

Relationship between household sanitation and women's experience of menstrual hygiene under Swachh Bharat Mission (Clean India Mission) in Odisha.

Mapping of perinatal depression prevalence, risk factors and barriers to help-seeking among urban and rural women in Odisha

The effect of mindfulness intervention on internet addiction disorder among adolescents enrolled to various programs in a University of Odisha: A randomized control trial

Risk management and Prevention of Antibiotic resistance

Image of nursing profession and its associated factors from health care recipient's perceptive - a cross sectional study.

Access, Usage and Challenges of Biju Swasthya Kalyan Yojna (BSKY) among beneficiaries attending selected tertiary care hospital, Bhubaneswar, Khurda District.

The effect of mindfulness intervention on internet addiction disorder among adolescents enrolled to various programs in a University of Odisha: A randomized control trial

Promotion of Regenerative Agriculture Initiatives at Mangalajodi, Odisha: A Baseline

Experiential Learning in MBA (Agribusiness Management)

SDG 5: Gender equality:

A qualitative research on Experience of women regarding male factor infertility under In Vitro Fertilization in a tertiary care hospital, BBSR, Odisha.

Quality of life of women suffering from gynecological cancer undergoing chemotherapy in Sparsh hospital, Bhubaneswar

Preferred LSCS over NVD among primigravida mothers ,at selected hospital ,Bhubaneswar

Multi-component behavioral training on depression, anxiety and quality of life on premenstrual syndrome among adolescent girls.

A study to assess knowledge of ANM's in safe childbirth check list at selected hospitals of odisha

"Cognitive impairment among hypertensive and non- hypertensive postmenopausal women in a selected urban community, Bhubaneswar: A comparative study".

Impact of solid biomass fuels use on health and wellbeing of women and children in South Asian countries: a systematic review and meta-analy

Individual's choice on modern contraceptive use among married women of reproductive age group in selected urban slums, Bhubaneswar: An exploratory study

A study to assess the causes & risk factors for stillbirth among primi mother, Bhubaneswar, Odisha.

Relationship between household sanitation and women's experience of menstrual hygiene under Swachh Bharat Mission (Clean India Mission) in Odisha.

Mapping of perinatal depression prevalence, risk factors and barriers to help-seeking among urban and rural women in Odisha

SDG 6: Clear water & Sanitation: Project on Sanitation

Toilet Stories from a Coastal Village of Odisha:-A Participatory Study of Sanitation and Social change in collaboration with Mahatma Gandhi National Council of Rural Education:

Relationship between household sanitation and woman's experience of menstrual hygiene under Swachha Bharat Mission (Clean India Mission) in Odisha, in collaboration with ICSSR.

Anthropogenic and Geogenic contamination of ground water in Bhubaneswar urban catchment -A systematic Investigation.

The Indian Epidemiological Evidences on Household Air Pollution and Respiratory Health Outcome.

Relationship between household sanitation and women's experience of menstrual hygiene under Swachh Bharat Mission (Clean India Mission) in Odisha.

Anthropogenic and Geogenic Contamination of Ground water in Bhubaneswar Urban Catchment - A Systematic Investigation

SDG7: Affordable and clean energy:

Analysis and Design of AC-DC bidirectional converter for EV wired charging SiC-MOSFETs

Development of cost-effective energy management strategies for a green hydrogen based electric vehicle charging station.

Development of GaN-FET Based high efficiency Bidirectional DC-DC Converter with zero input current ripple for PV application.

A novel approach for enhancing the efficiency of CZTSe/CZTSSe based thin-film solar cells using the bilayer structure

Scoping Review of Solid fuel users' perceptions of household solid fuel use in South Asia Countries.

SDG8: Decent work and economic growth:

Impact of Dynamic Capability on Success of Entrepreneurs: A Study of Small and MediumManufacturers in Odisha.

Service Quality Dimensions :-An Assessment of Government Sponsored Social Programmes

Policing a Smart City: Challenges and Priorities towards Urban Transformation of Kolkataand Bhubaneswar

Novel AI nanostructure based electrodes for batteries and super capacitor devices

Automated Data Labeling & Modelling

Design, Optimisation, & Demonstration of Chemical Column & Pressure Injection Treatment to Enhance the Shear Strength Characteristics along with Phytoremediation of the Abandoned Ash Pond

Development of Low cost van portable CT-Scan with AI based disease identification

A novel approach for enhancing the efficiency of CZTSe/CZTSSe based thin-film solar cells using the bilayer structure

High Temperature Materials Procesing Unit

Development of novel Al7075/ferrochrome slag/graphene oxide hybrid nanocomposites using ultrasonic assisted stirring and squeeze casting process and its machinability studies under various sustainable machining environments

An extensive investigation of microstructure evolution during heat treatments & hot forging of high strength β-Ti alloy

Two Phase Heat Transfer over Metal Foams

Machinability of Titanium alloy 5553 during Electro-Discharge Machining: Emphasis on Surface Integrity and Metallurgical Characteristics

Experimental investigation on vibroacoustic performance of acoustic metamaterial structures using multiphysics approach

Machinability assessment of graphene oxide and zirconium oxide enriched nano-cutting fluid assisted multi-nozzle injection MQL machining of hardened AISI D2 Steel Enhancement of mixing and entrainment in two layer shear flow by employing rotary rollers

Promotion of Regenerative Agriculture Initiatives at Mangalajodi, Odisha: A Baseline

SDG 9: Industry, Innovation and Infrastructure

Photonic Crystals of Stimuli Responsive Microgel Particles: As Intelligent Chemical Sensing Material

Thermal Screening Door with Face Recognition

Development and Implimentation of Dynamic Spectrum Allocation Technique in Cognitive Radio Network for IoT Applications

Development of Feature fusion based Multispectral/Hyperspectral Image classification modelusing deep Learning

Development of GaN-FET Based high Efficiency Converter

Two Phase Heat Transfer over Metal Foams

A novel approach for the efficiency enhancement of Copper Indium Gallium Diselenide (CIGS) based thin film solar cell

Novel AL nano-structure based electrodes for batteries & supercapacitor devices

Development of Innovative and robust process of antimicrobial coating of Aluminium Substance

Development of Suitable Binder for processing of Calcined Alumina

Photonic Crystale of Stimuli Responsive Microgel Particles: As intelligent chemical Sensing Materials

Create Training , mentorship and networking opportunities for 70-80 leading start-ups in South Asia through a three tier selection, engagement and training model

Intelligent Fault Distance Estimation Scheme for High Voltage AC and High Voltage DC Transmission Lines: An Comparative Study of Various Artificial Intelligent Techniques to Explore a Suitable Scheme (DST-SERB)

Analysis and study for the implementation of ISO 27001:2013 (DRDO, ITR, Chandipur)

Implementation and support services for ISO 27001:2013 (DRDO, ITR, Chandipur)

Exploring the novel quantum states at the interface of spin-orbit coupled active and inactive double perovskites.

Heat Transport in Low Dimensional Systems using Raman Spectroscopy

Affordable NIR nanoclusters for biomedical applications with enhanced photostability and biocompatibility

Studies on the γ-radiation-induced effects of successive plant generations (F1, F2, and F3) and yield production from food grain, and correlation with heavy metal (e.g., As, Cr, Ni, Pb, etc.) tolerance/stress response.

Novel AI nanostructure based electrodes for batteries and super capacitor devices

An extensive investigation of microstructure evolution during heat treatment and hot forging of high strength B-Ti-5553 alloy

Application of difference Operators in approximation theory

Unidirectional Crystallization and Nature to Crystal Transformation in Soft Colloids

Automated Data Labeling & Modelling

Design, Optimisation, & Demonstration of Chemical Column & Pressure Injection Treatment to Enhance the Shear Strength Characteristics along with Phytoremediation of the Abandoned Ash Pond

Analysis and Design of AC-DC bidirectional converter for EV wired charging SiC-MOSFETs

Development of cost-effective energy management strategies for a green hydrogen based electric vehicle charging station.

Development of GaN-FET Based high efficiency Bidirectional DC-DC Converter with zero input current ripple for PV application.

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Machinability assessment of graphene oxide and zirconium oxide enriched nano-cutting fluid assisted multi-nozzle injection MQL machining of hardened AISI D2 Steel Enhancement of mixing and entrainment in two layer shear flow by employing rotary rollers

Development of novel Al7075/ferrochrome slag/graphene oxide hybrid nanocomposites using ultrasonic assisted stirring and squeeze casting process and its machinability studies under various sustainable machining environments

SDG 10: Reduced inequalities: Projects in collaboration with Indian Council of Social Science Research (ICSSR)

Roles and Impact of Asha Workers in Combating Covid 19: Case Study Bhubaneswar

Literacy in Promoting Empowerment among the Tribal Woman: A Case Study of Odisha

Response to the Offence of Rape by the Criminal Justice System-An Empirial Study in the State of Odisha, Jharkhand and West Bengal

Revitalization of Indigenous Languages: Issue and Challenges

The Root Cause of Maoist Extremism and Development Challenges, A Study of Odisha

Strengthening Societal Roles in Developing and Implementing an Effective Alcohol Policy in India.

Intervention of Use of Technology in Government Sponsored Integrated Child DevelopmentServices(ICDS) : A Case Study of Khorda District

Baseline Survey in 13 blocks of Sundargarh Districts and Angul Districts, Odisha

Intervention of Use of Technology in Government Sponsored ICDS: A Case Study of Khorda District, Odisha

Perception and experiences regarding gender - inequality among male nurses in selected health care institutions, Khordha: A Qualitative study

Factors contributing e-health literacy and health promoting behaviour among university students : A cross-sectional study

Quality of life of women suffering from gynecological cancer undergoing chemotherapy in Sparsh hospital, Bhubaneswar

Impact of maternal phubbing on mother-child bonding among mothers and adolescent in selected schools of Bhubaneswar,odisha

Quality of Life of Children with Acute Lymphoblastic Leukemia (ALL) in selected hospital BBSR

Efficacy of Inter professional Nurse-led Mental Health Promotion Intervention on Depression and its vulnerability among adolescents at selected +2 colleges, Bhubaneswar, Odisha.

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Relationship between household sanitation and women's experience of menstrual hygiene under Swachh Bharat Mission (Clean India Mission) in Odisha.

Mapping of perinatal depression prevalence, risk factors and barriers to help-seeking among urban and rural women in Odisha

The effect of mindfulness intervention on internet addiction disorder among adolescents enrolled to various programs in a University of Odisha: A randomized control trial

SDG 11: Sustainable Cities and Communities:

Social determiners of water Inequity:-A systematic investigation at Bhubaneswar.

Natural Disaster and Vulnerability: An Empirical Study in Drought Prone Region of WesternOdisha.

An Assessment of Central and State Water Laws Address Water Management Problems ofMid-sized Cities: A Case Study at Bhubaneswar.

Intervention of Use of Technology in Government Sponsored ICDS

Policing a Smart City: Challenges and Priorities towards Urban Transformation of Kolkataand Bhubaneswar

ICTs in Urban Policing: An Exploration of the Future of Risk Management in Cities of India

Wellness of Tribal Children in Kandhamal District of Odisha

Remote Health: A Framework for Healthcare Services using Mobile and Sensor-CloudTechnologies

Support of two day Hackathon for Air Quality by Technocrat and Develop actionable solutions to mitigate air pollution in Kolkata (AIROTHON)

Novel AI nanostructure based electrodes for batteries and super capacitor devices

Automated Data Labeling & Modelling

A novel approach for enhancing the efficiency of CZTSe/CZTSSe based thin-film solar cells using the bilayer structure

High Temperature Materials Procesing Unit

Development of novel Al7075/ferrochrome slag/graphene oxide hybrid nanocomposites using ultrasonic assisted stirring and squeeze casting process and its machinability studies under various sustainable machining environments.

Sustainable Nitrogen Management in SAARC Countries

Forest Fire in Ghumsar North Division, Bhanjanagar: Issues and Way Forward

SDG 12: responsible consumption and production

Social Trust Servqual Model, and Service Consumption : A Covid19 Study"

SDG 13: Climate Change

Fabrication of Automated Mobile Biomedical Plastic

Waste Recycling Facility for development of reusable products

Design, Optimisation, & Demonstration of Chemical Column & Pressure Injection Treatment to Enhance the Shear Strength Characteristics along with Phytoremediation of the Abandoned Ash Pond

Analysis and Design of AC-DC bidirectional converter for EV wired charging SiC-MOSFETs

Development of cost-effective energy management strategies for a green hydrogen based electric vehicle charging station.

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Forest Fire in Ghumsar North Division, Bhanjanagar: Issues and Way Forward

SDG 14:

Anthropogenic and Geogenic Contamination of Ground water in Bhubaneswar Urban Catchment - A Systematic Investigation

SDG 15:

Forest Fire in Ghumsar North Division, Bhanjanagar: Issues and Way Forward

SDG 17:

Impact of solid biomass fuels use on health and wellbeing of women and children in South Asian countries: a systematic review and meta-analy

Consultancies during 2022:

Ammonia Synthesis using nanomaterials

Urban Studio Project

"Preparation of Heritage Byelaws"

Developement of Novel Plant Based and Nano-formulations for Mosquito control

Material testing for NBCC, Angul

Grey Water Sample Testing for Dhenkanal and Jatni Municipality

Soil Testing

Designing and detailing of the supporting struss system for dead, live,wind load etc. Redesign of supporting columns bericade for strengthening it to be capable to bear the load of cp overing system safely. design of support connection to the concrete beam / supporting wall. Nominal false ceiling load also to be consider in design

Review and Recommendation of Tank & Ancillary Building Foundation Work

Traffic impact assessment for residential apartment project over Plot No.309/1694, Nandan Kanan road, Patia, Bhubaneswar

Water Management during construction of 4B+36 Residential project at Satyanagar, Bhubaneswar

Classification of rock and utilisation

Traffic safety and management report for Gadakana, Bhubaneswar

Energy Audit and Optimization

Survey, Planning of Electrical Wiring Design of Smart classroom of KIIT & KISS Deemed to be University

Skill development training programme for Vedanta Limited Lanjigarh.

Summer Training on Fundamentals of MATLAB with Application

Summer Training on Industrial Automation PLC Training

Summer Training on Industrial automation and IOT

Suryamitra Skill Development Program

Asset tracking and monitoring system

Ambient air quality monitoring system

Audio configuration of DSP systems

HR alignment with Quality Improvement Process (Advisory service)

Development of aero-engine design, development and manufacturing capability in India

Vendor Management Software for IMM

Impact of Ethnoveterinary Services to Farmers in Odisha

Appendix IX: List of policies

- ❖ Anti-Corruption and Anti-Bribery Policy 2020
- ❖ Policy for Applications for Under Represented groups
- ❖ Policies towards LGBTQ students
- ❖ Anti-discrimination and Equal Opportunity Policy
- ❖ Academic Freedom Policy 2020
- ❖ Stakeholder Engagement Policy
- ❖ Policy for Differently Abled 2020
- ❖ Smoke-Free and Tobacco-Free policy
- ❖ KIIT Innovation and Start up policy
- ❖ IPR Policy

Appendix X: National/ International Memberships

- ❖ Academic Partnership of The IET, UK
- ❖ Association of Commonwealth Universities (ACU)
- ❖ European Association of International Education
- ❖ International Association of Universities (IAU)
- ❖ International Association of University Presidents (IAUP)
- ❖ United Nations Academic Impact (UNAI)
- ❖ Asia-Pacific Academic Consortium for Public Health
- ❖ Association of University of Asia Pacific (AUAP)
- ❖ Eurasian Silk Road Universities Consortium (ESRUC), Turkey
- ❖ University Mobility in Asia and the Pacific (UMAP)
- ❖ All India Management Association
- ❖ Association of Indian Universities (AIU)
- ❖ Indian Commerce Association
- ❖ Indian Science Congress Association
- ❖ Indian Social Science Academy
- ❖ Indian Society for Technical Education
- ❖ Talloires Network of Engaged Universities

KIIT Green

Solar-enabled Green Campus

Mega plantation, rain water harvesting & water management, sewerage treatment, biogas, solar energy, etc.

KIIT Green is a bold initiative of KIIT to control environmental pollution and to create a healthy ambience in and around 25 sq. km. area in which different campuses of KIIT are located. A mega plantation has been done in which more than one lakh saplings were planted.

The University has drawn ambitious plan to make KIIT campus totally vehicle free. In the first phase, use of two wheelers, both by students and staffs, has been prohibited, after putting in place an effective alternative transport arrangement. Besides mass plantation and limiting vehicular pollution, other environmentally friendly initiatives under KIIT Green are rain water harvesting & water management, sewerage treatment, biogas, solar energy, etc.

Kalinga Institute of Industrial Technology
Deemed to be University,Bhubaneswar, Odisha, India
Established U/S 3 of UGC Act, 1956
Bhubaneswar - 751024, Odisha, India