



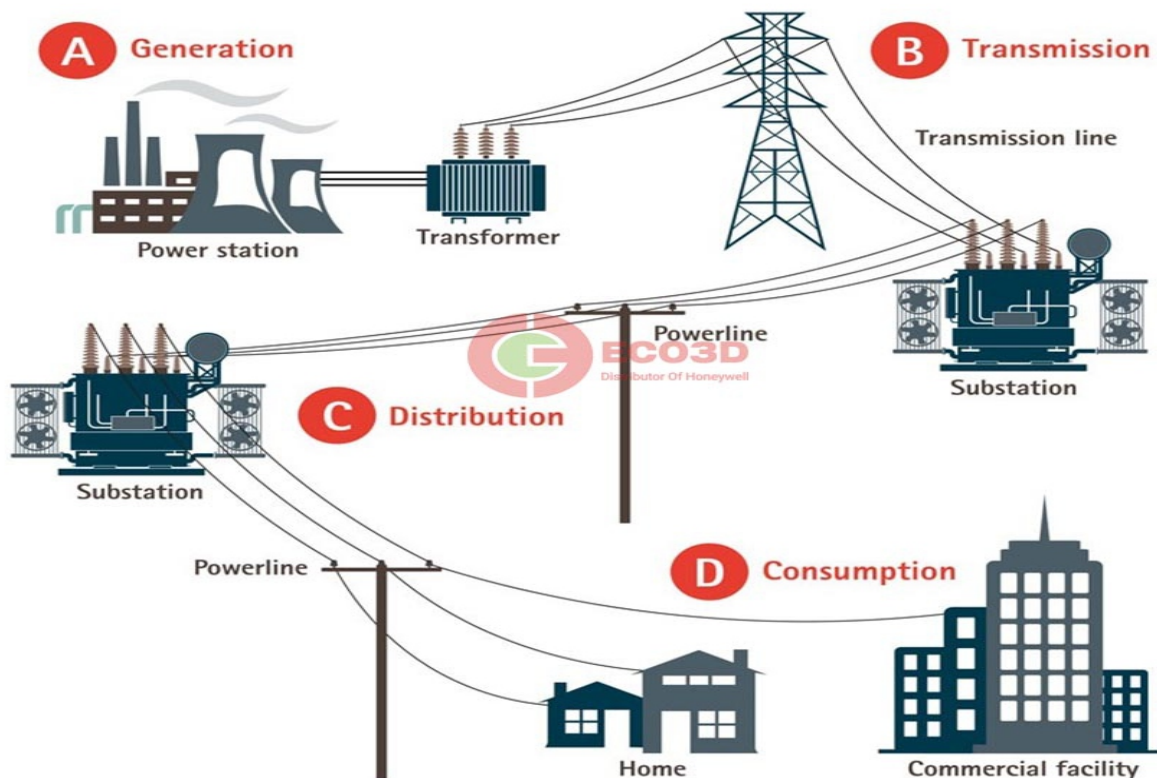
**SUSTAINABLE
DEVELOPMENT**

GOALS

KIIT Sustainable Development Report **2024**



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY

KIIT Deemed to be University









(Declared U/S 3 of UGC Act, 1956), Bhubaneswar, Odisha, India

SDG 9 – Industry, Innovation and Infrastructure

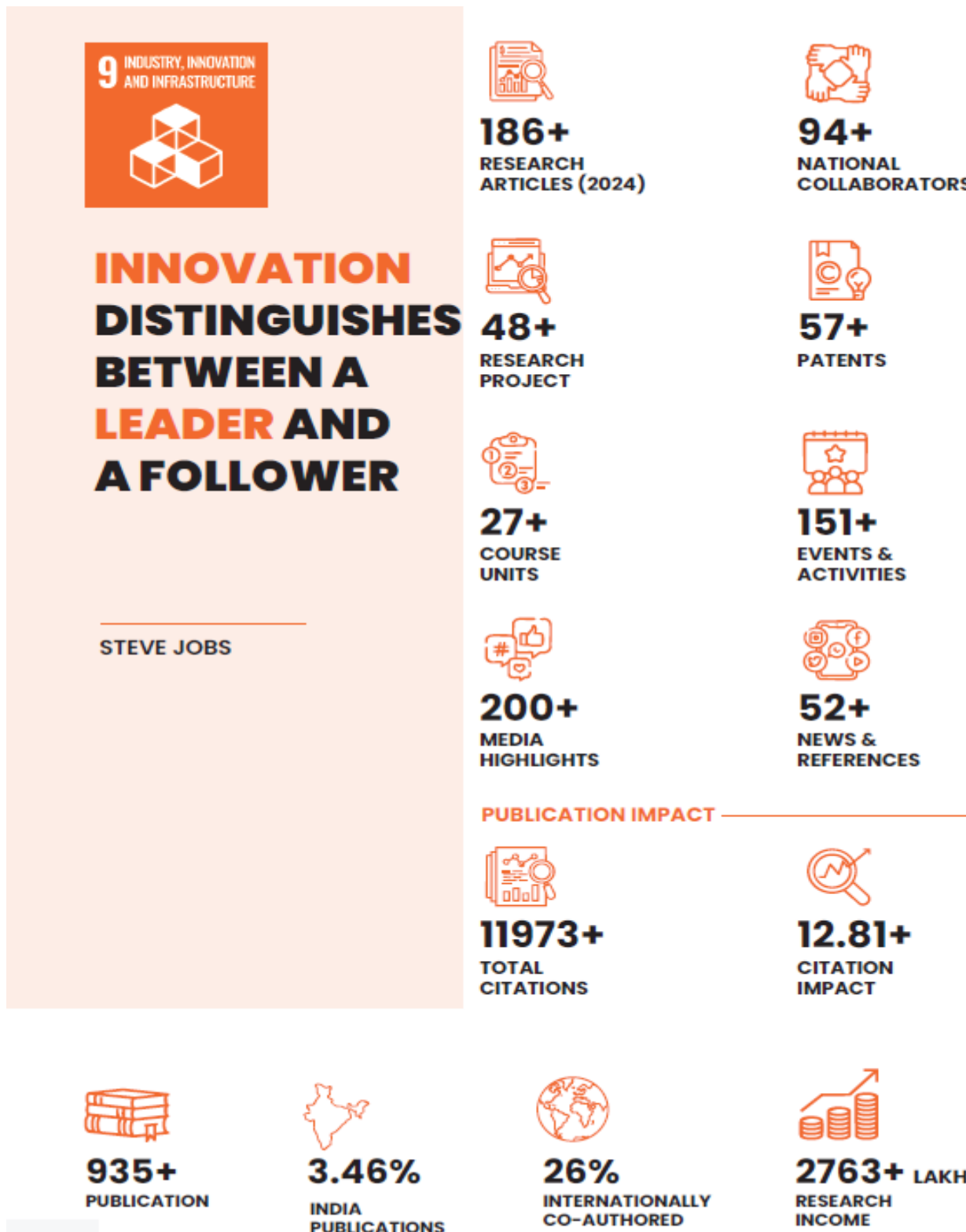
9. Introduction:

KIIT University plays a pivotal role in advancing **SDG 9 – Industry, Innovation and Infrastructure** by fostering research, innovation, and industry collaboration focused on sustainable development. The university conducts impactful research on smart infrastructure, industrial innovation, and emerging technologies that drive efficient, resilient, and sustainable industrial growth. Many patents citing KIIT’s research reflect the practical applications and technological advancements developed at the university, contributing to industry progress. KIIT actively supports the creation of university spin-offs, transforming innovative research into viable businesses that drive economic development and technological solutions. In addition, the university generates significant research income through industry partnerships, promoting collaborative projects that address real-world challenges while embedding sustainability by focusing on green technologies, energy-efficient infrastructure, and circular economy practices. These efforts align with KIIT’s commitment to sustainable industrialization and inclusive innovation.

The SDG 9 (Industry, Innovation and Infrastructure) report focuses on the progress, key initiatives, and impact achievements across the following targets:

TARGET 9-1  DEVELOP SUSTAINABLE, RESILIENT AND INCLUSIVE INFRASTRUCTURES	TARGET 9-2  PROMOTE INCLUSIVE AND SUSTAINABLE INDUSTRIALIZATION	TARGET 9-3  INCREASE ACCESS TO FINANCIAL SERVICES AND MARKETS	TARGET 9-4  UPGRADE ALL INDUSTRIES AND INFRASTRUCTURES FOR SUSTAINABILITY
TARGET 9-5  ENHANCE RESEARCH AND UPGRADE INDUSTRIAL TECHNOLOGIES	TARGET 9-A  FACILITATE SUSTAINABLE INFRASTRUCTURE DEVELOPMENT FOR DEVELOPING COUNTRIES	TARGET 9-B  SUPPORT DOMESTIC TECHNOLOGY DEVELOPMENT AND INDUSTRIAL DIVERSIFICATION	TARGET 9-C  UNIVERSAL ACCESS TO INFORMATION AND COMMUNICATIONS TECHNOLOGY

9.1 KIIT's Commitment to SDG 9 (Industry, Innovation and Infrastructure): Research Publications, Patents Filed, Global Collaborations, Citations Received, Events Organized, and Community Activities – Key Figures



9.3 KIIT University: Technology Business Incubator (TBI) and Spin-offs

KIIT University has established the KIIT Technology Business Incubator (KIIT-TBI) as its primary platform to support startups, spin-offs, and entrepreneurial ventures. Launched in 2008–2009 as an initiative of KIIT and supported by the National Science & Technology Entrepreneurship Development Board (NSTEDB), Department of Science & Technology (DST), Government of India, KIIT-TBI is a registered Not-for-Profit Section 25 Company.

<https://kiitincubator.in/>

Mission & Ecosystem:

- Provides incubation facilities for innovative ideas across all stages of entrepreneurial development.
- Expanded incubation verticals in healthcare, life sciences, and social incubation.
- Recognized as an emerging hub for social innovation, supported by DFID INVENT seed fund.
- Member of Asia Pacific Incubation Network (APIN) and Indian STEPs & Business Incubators Association (ISBA).
- Recognized as a Scientific and Industrial Research Organization (SIRO) by DSIR.
- Serves as the epicentre for technology startups and entrepreneurs in Eastern and North-Eastern India.



Ecosystem Partners:

Government



Corporates



Startups



Infrastructure Support:

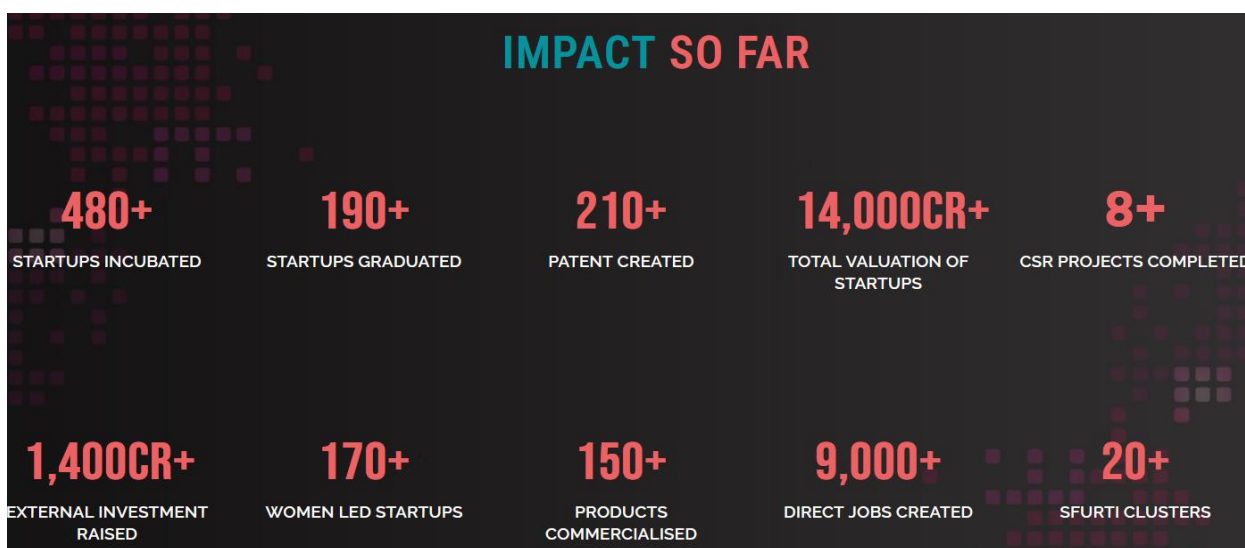
- **Digital Fabrication lab-PRAYASHALA (Supported By DST)**
 - ✓ Design & Prototyping lab
 - ✓ Electronics lab
 - ✓ Heavy Machinery lab
- **Bio NEST Lab (Supported by DBT BIRAC)**
 - ✓ Cell Culture lab
 - ✓ Bioprocess lab
 - ✓ Analytical lab
 - ✓ Central Instrumentation Lab
- **NIDHI-CoE Digital Health Lab (Supported by DST)**
 - ✓ Analytical Facility
 - ✓ FabLab
 - ✓ Digital Health Lab
- **Food Testing Lab (Supported by Startup Odisha)**
 - ✓ Food Testing Facilities
 - ✓ Water Testing Facilities

Impact & Achievements:

Since inception, KIIT-TBI has created a vibrant ecosystem for innovation and entrepreneurship, producing a significant number of spin-off companies. The incubator's achievements include:

Key Highlights

- **480+ Startups Incubated Across Sectors.**
- **153 Ventures Have Successfully Commercialized Products.**
- **210+ Intellectual Properties (IPS) Developed.**
- **Recognized As a Premier University-Based Incubation Centre In India.**



In summary, while conservative figures show 8 fully graduated startups, the broader picture highlights KIIT-TBI's role in nurturing hundreds of ventures and facilitating the launch of commercially viable products—establishing itself as a powerful driver of innovation and entrepreneurship in India.

9.3.1 KIIT Innovation Sectors

KIIT University drives innovation through diverse sectors that address societal needs and emerging technologies. Its initiatives span **healthcare, life sciences, social innovation, education, and technology-driven enterprises**, nurturing startups and research that create real-world impact. Through its incubation ecosystem, KIIT fosters a culture of **entrepreneurship, sustainability, and industry collaboration**, positioning itself as a hub for transformative solutions in India and beyond. <https://kiitincubator.in/innovation-sectors/>

Health-tech & Allied Areas [Health-tech Portfolio]

- Picasoid Health Technology Pvt Ltd – Manipur
- Primal Care Health Services – Manipur
- ASHATECH – Manipur
- Prem Ningombam – Manipur
- Molecular Solutions Care Health – Assam
- Ms. Melinda Nongbet Sohlang – Meghalaya
- PCMH Restore Health – Assam
- Revolut Healthtech – Assam
- RogNidaan Technologies Pvt Ltd – Assam
- Symbica Pvt Ltd – Assam
- Tervis Medical Systems Pvt Ltd – Assam
- Vartis Electrotech Pvt Ltd – Assam
- Vivocon Technologies – Assam
- Aavya Life Science Pvt Ltd – Assam
- Bio-Dtect Pvt Ltd – Assam
- Spaarsh Therapeutics Pvt Ltd – Assam
- Foundation for Advancement of Essential Diagnostics – Assam
- KNOWLEDGEPIE Pvt Ltd – Assam
- Medilane HealthTech and Consultancy Services Pvt Ltd – Manipur
- Medinovation Research and Consultancy Pvt Ltd – Assam
- Akumen Artificial Intelligence Pvt Ltd – Manipur
- Inofinity Research and Development Pvt Ltd – Odisha
- ASPIC Innovations Pvt Ltd – Odisha
- BabyCue Pvt Ltd – Odisha
- Dr. Sitabja Mukherjee – Odisha
- Atul Anand Bajoria – Odisha
- ProCyto Labs Pvt Ltd – Odisha
- Halder Rehab Pvt Ltd – Odisha
- Swayogya Rehab Solutions Pvt Ltd – Odisha
- Envisage Medtech Pvt Ltd – Odisha
- LOSJOVENES CLINILOGIC PVT LTD – Odisha
- JSV Innovations Private Limited – West Bengal
- Human Biogenesis – Assam

Agriculture & Allied Areas [Agri-tech Portfolio]

- Kangujam Bunbul Singh – Manipur
- Serva Drone – Manipur
- Dianthe Pvt Ltd – Manipur
- Intellisome Consulting Pvt Ltd – Manipur
- Imphal Machines OPC Pvt Ltd – Manipur
- Poohar Essence Pvt Ltd – Assam
- Pim Biotech – Manipur
- Aranyam Innovations Pvt Ltd – Assam
- Lensing Agro Pvt Ltd – Assam
- Ble & Zing – Manipur
- Green Biotech Ecosolutions Pvt Ltd – Manipur
- Nibiaa Devices Pvt Ltd – Manipur
- Mak Industries – Manipur
- Balasore Agro Pvt Ltd – Odisha
- Bariflo Labs Pvt Ltd – Odisha

Food-Tech & Allied Areas [Food-Tech Portfolio]

- M/S T.C Bakery – Assam
- Paarning Enterprise – Manipur
- Generation Net Nutrition's – Manipur
- Nutrixeric LLP – Assam
- Functional Fermented Whey Beverage – Assam
- Sangeeta Saikia – Assam
- Shyamrenu Enterprises LLP – Assam
- Innotek Food LLP – Assam
- 'Chubitchi' – Fermented Rice Beverage – Meghalaya
- Dr. Sanjay Kumar Banerjee – Assam
- 'Tungrymbai' – Fermented Soyabean – Meghalaya

Industrial Biotechnology & Allied Areas [Industrial Biotech Portfolio]

- Anguki Industries Pvt Ltd – Nagaland
- M/S Midas Touch – Manipur
- Poohar Essence Pvt Ltd – Assam
- Air Purifier – Manipur
- Korou Food Processing – Manipur
- M/s Henna Food Products – Manipur
- Spectramind Tea Solutions Pvt Ltd – Assam
- Healthy Mystic Enterprises – Manipur
- Nutriciana Pvt Ltd – Assam
- Primogen Biotech Pvt Ltd – Assam
- Jayma Bio Innovations Pvt Ltd – Odisha
- Dr. Prachurjya Dutta – Assam
- Kumshung – Manipur
- Pepthera Laboratories – Assam
- EcoWeb Lab Pvt Ltd – Assam
- Ouija Biosolutions Pvt Ltd – Assam
- Dr Lightson NG – Manipur
- SenzTech Pvt Ltd – Assam
- Waste to Wealth Innovative Technologies LLP – Tripura
- Biopioneer Pvt Ltd – Odisha
- Ms. Melinda Nongbet Sohlang – Meghalaya

Other Innovation Sectors

- Ezanvel Solutions Ltd Pvt – Manipur
- Imphalvery Ltd Pvt – Manipur
- Malem – A Sustainable Enterprise Pvt Ltd – Manipur
- Warelogg Pvt Ltd – Assam
- 3103 STUDIO (Individual) – Arunachal Pradesh
- SR SINNAI SHANG – Manipur
- RIPTRIP – Manipur
- October Pumpkin Co. – Manipur
- Swati Thounoujam – Manipur
- Ble & Zing – Manipur
- Dr. Chandralekha Ayekpam – Manipur
- Rigel Bioenviron Solutions Pvt Ltd – West Bengal
- Sintha Automobile – Manipur
- I.R.M ROBOTS – Manipur
- Ruralnomics Pvt Ltd – Meghalaya
- M/S Nga Keithel Pvt Ltd – Manipur
- HYPED Inc – Manipur
- Awpara Technologies Pvt Ltd – Manipur
- Blog Verse – Manipur
- Hillsland Eduventure Ltd Pvt – Manipur
- TRIEAL Electricals and Research – Manipur
- Yakairol Engineering Services Pvt Ltd – Manipur
- Wevisualize – Manipur
- RENERGIZR Industries Pvt Ltd – Assam
- QONECT – Manipur

KIIT-TBI & India's Startup Ecosystem



Aligned with the Government of India's **Startup India Seed Fund Scheme (SISFS)**, KIIT Technology Business Incubator (KIIT-TBI) supports early-stage startups with seed capital, mentorship, and market access. This flagship initiative provides funding for prototype development, proof of concept, product trials, and scaling up, bridging the gap between innovation and commercialization.

<https://kiitincubator.in/sisfs-3/>

Through this collaboration, KIIT-TBI strengthens India's startup ecosystem, fostering entrepreneurship, job creation, and economic growth while promoting the vision of Startup India.

THEMATIC AREA: SISFS



HEALTHCARE



AGRI TECH



BIOTECHNOLOGY



WASTE MANAGEMENT



CLEAN TECH



FOOD PROCESSING



SOCIAL IMPACT



MOBILITY

SISFS: GRANTEES

 APChem Pvt Ltd Suhas Dixit Pyrolysis Oil Purification Technology	 Jal Jaivik Bazar Pvt Ltd Papan Das Blockchain Technologies based Farm Management System	 Mokkomotto Pvt Ltd Subhendu Sekhar Satpathy 65W GaN USB Multiport Power Adaptor	 Ovest Technologies Pvt Ltd Asish Das Numbr – A micro-investing app	 Assistaidd Healthcare Pvt Ltd Siddharth Goel Portable all-in-one Dynamometer
 Cluix LLP Robin Singh Cluix- Strip-based water quality testing device	 Femacare Pvt Ltd Charu Sharma New generation contraceptive, an Intra-Uterine device that can prevent unintended pregnancy and Sexually Transmitted Infections	 Exquinz Life Sciences Pvt Ltd Kuldeep Raizada Temperature Indicator	 Fitamore Lifesciences Pvt Ltd Pranav Sharma Ayurveda Inspired Functional Confectionery	 Fresabbit Hygiene Pvt Ltd Prashant Chourasia HABBITS: Redefining Oral Care, Promising Smiles
 Elmentoz Research Pvt Ltd Dr Jayshankar Das Industrializing insect farming technology and development of decentralized reactor for large-scale sustainable protein production.	 Yoshino Energy Pvt Ltd Anurag Mishra Low-cost EV solution	 Suspul Technology Pvt Ltd Dr Mrigank Saha Production of Phosphoric acid and Gypsum from PhosphoGypsum	 Bioras Pharma Pvt Ltd Sreeman Mamidyala Colour-Based Method and Device For The Detection of Hemoglobin and Creatinine	 Electride Technologies Pvt Ltd Somil Jain Trueno EV Ecosystem

SDG Innovation Program 2024



A three-part initiative spanning 30 districts, the program aims to raise awareness, spark innovation, and build collaborations aligned with the Sustainable Development Goals. It identifies, refines, and showcases transformative ideas and research that drive regional and national progress.

<https://kiitincubator.in/sdg-innovation-program/>

Program Outline



Ecosystem Partners



Program Highlights



Statewide Reach

Covering 30 districts across Odisha.



Focus On SDGs

Solutions aligned with SDG goals, driving meaningful social impact



Expert Guidance

Insights from industry leaders, researchers, and mentors



Recognition And Networking

Opportunities for participants to showcase their ideas and connect with stakeholders.



Broad Participation

Engaging entrepreneurs, researchers, students, and community leaders.



Full Ecosystem Coverage

Selection of 90 Entrepreneurs and 90 Researchers.

Moving Forward with SDG 9

Advancing Research and Innovation for Sustainable Infrastructure

KIIT Deemed to be University is actively fostering research and development that supports sustainable growth and technological advancement. Recognizing the global challenges of climate change, biodiversity loss, and environmental degradation, KIIT has prioritized environmental sustainability as a core area of innovation. The University is strengthening its research facilities and promoting interdisciplinary collaboration to develop green technologies, resilient infrastructure, and eco-friendly solutions that contribute to a sustainable and inclusive future.

<https://crf.kiit.ac.in/>

<https://kiit.ac.in/centres-of-excellence/>

The university has established several research laboratories and centers that are dedicated to addressing these pressing issues.

- i. **Electric & Hybrid Vehicle Research Centre:** This research center focuses on advancing the development and adoption of electric and hybrid vehicles, which can significantly reduce carbon emissions and contribute to a cleaner environment.
- ii. **Green Engine Technology Centre:** The Green Engine Technology Centre works towards designing and developing environmentally friendly and fuel-efficient engines that can help mitigate air pollution and conserve natural resources.
- iii. **Thin Film Photovoltaic Lab:** This laboratory is committed to researching and improving thin film photovoltaic technology, a renewable energy source that harnesses sunlight to generate electricity without depleting finite resources.
- iv. **Environmental Engineering Laboratory:** This laboratory is dedicated to studying and devising solutions to environmental challenges, including water and air pollution, waste management, and sustainable infrastructure.
- v. **KIIT-DU Central Advanced Research Centre:** This central research center may oversee interdisciplinary research efforts related to environmental sustainability and other critical fields.

Additionally, the University is establishing multiple **Centers of Excellence** dedicated to advancing research and innovation in priority areas aligned with **sustainable infrastructure and industrial development**. These centers aim to serve as hubs of knowledge creation, technological advancement, and collaborative problem-solving, driving KIIT's vision of fostering innovation and sustainability through cutting-edge research and industry-oriented initiatives.

- i. **NI Centre of Excellence:** Focused on a particular field of study (exact subject not mentioned).
- ii. **Centre of Excellence for Water:** Concentrating on water-related research and solutions for sustainable water management.
- iii. **Centre of Excellence for Rare Earth Materials:** Dedicated to the study and utilization of rare earth materials, which are essential for various eco-friendly technologies.
- iv. **Schneider Lab:** A lab focused on research and development in collaboration with Schneider Electric, a company that specializes in energy management and automation.
- v. **TBI-NIDHI Centre of Excellence:** Focused on technology business incubation, fostering startups that work on environmental sustainability innovations.
- vi. **Siemens Laboratory:** A lab in collaboration with Siemens, likely working on sustainable technologies and solutions.
- vii. **Interdisciplinary Research Centre in Materials and Nano-Sciences:** This center may work on environmentally friendly materials and nanotechnology applications.
- viii. **Interdisciplinary Center of Energy with special reference to Renewable Energy:** Concentrating on research related to renewable energy sources.
- ix. **IoT Centre of Excellence:** Focused on developing applications of the Internet of Things (IoT) for sustainable practices and environmental monitoring.
- x. **Centre of Excellence for Sustainability and Equity:** Focused on promoting sustainability while ensuring social equity and justice.

KIIT Deemed to be University showcases its commitment to environmental sustainability and climate resilience through specialized research centers and laboratories that drive innovation, develop sustainable technologies, and strengthen research infrastructure for a greener future.

Strengthening Commitment to SDG 9 Goals

KSCE Hosts Talk on AI & Sustainable Construction Innovation

On 18.01.2024, KIIT's Civil Engineering department hosted an industrial talk on AI-driven structural optimization, led by Mr. Kiran Kakde. The session highlighted green construction practices, patented technologies like Direct Stress Path Mapping, and the future PAAS model. It fostered awareness about sustainability, tech, and modernization in engineering.



PIC-2024 Ignites Student Innovation at KIIT-DU

On 20.01.2024, KIIT School of Computer Engineering hosted the 13th Project Innovation Contest (PIC-2024), showcasing 32 innovative student projects from across India in AI, robotics, IoT, healthcare tech, and more. Top prototypes were evaluated for awards and will be published in an ISBN-certified book.



KIMS Hosts India's First EUS 360 Training Program

KIMS organized the pioneering EUS 360 program on Jan 20-21, 2024, advancing gastroenterology education in India. Through expert-led lectures and hands-on training, young specialists gained critical EUS skills, promoting innovation, research, and better digestive health care nationwide.



KSOFTHosts Sustainable Jewellery Workshop Celebrating Art, Innovation & Talent

KIIT School of Fashion Technology (KSOFTH) held a three-day workshop (Feb 7-9, 2024) on sustainable and fancy jewellery design, featuring award-winning artisans. Students gained hands-on experience, culminating in a jewellery competition. The event also spotlighted alumna Jyotirmayee Nayak and student author Sampurna Pati's book launch, fostering creativity and sustainability.



KSPH Hosts Emerging Healthcare Leaders' Summit at KIIT FEST 7.0

On 16.02.2024, KSPH organized the "Emerging Healthcare Leaders' Summit" to mark KIIT-DU's Foundation Day. Healthcare leaders from top hospitals shared insights and experiences, inspiring students and fostering dialogue on innovations, leadership, and career pathways in the healthcare sector.



KIIT-ITI Technical Expo Showcases Innovation and Skill Development

On 24.02.2024, KIIT-ITI's two-day Technical Expo celebrated student innovation, hands-on learning, and international collaboration. Attended by dignitaries and a delegation from Indonesia's Nusa Putra University, the event promoted practical skills, creativity, and global exposure—building a foundation for future-ready education and technical excellence.



KSOFT Hosts National Conference on Sustainable Clothing and Textile Recycling

KIIT School of Fashion Technology organized its 3rd National Conference on "Sustainable Clothing and Textile Recycling" on 15–16 March 2024. With paper presentations and expert panels, the event fostered innovation, collaboration, and dialogue on eco-friendly fashion solutions, reinforcing the institute's commitment to sustainable practices in the textile industry.



SELLATHON Showcases Student Marketing Ingenuity at KIIT School of Rural Management

KIIT School of Rural Management's Marketing Club hosted SELLATHON on March 24, 2024. Themed "Hunar se Becho", the multi-round event challenged 20 teams to apply marketing concepts, culminating in a final where groups used ₹500 seed capital to sell creatively. Innovation, profitability, and teamwork were key judging criteria.



KIIT-DU IQAC Hosts Viksit Bharat @2047 Events to Inspire Nation-Building Ideas

KIIT-DU's IQAC organized nine events under the Viksit Bharat @2047 initiative to promote discussions on transforming India into a developed nation by 2047. Covering themes like frontier technologies, inclusive society, and employment, the events featured expert talks, seminars, and exhibitions, fostering innovation and awareness among students and faculty.



KSRM Hosts Talk on Innovation and Entrepreneurship in Tier 2/3 India

KIIT School of Rural Management organized a guest talk by Mr. Anurag Dixit on July 18, 2024, highlighting innovation ecosystems in Tier 2/3 districts. He discussed startup support, digitalization, women-led enterprises, and sustainability through initiatives like Jagriti Yatra, promoting rural entrepreneurship and inclusive development.



Creative Aerobics Workshop at KIIT Fosters Advertising Innovation and Ethics

On 30.07.2024, KIIT School of Mass Communication hosted a two-day workshop led by Dr. Arpan Yagnik of Penn State University on creative aerobics in advertising. The session emphasized brevity, ethics, and interdisciplinary approaches, offering students hands-on exercises, research discussions, and insights into industry trends, AI integration, and creative strategy development.



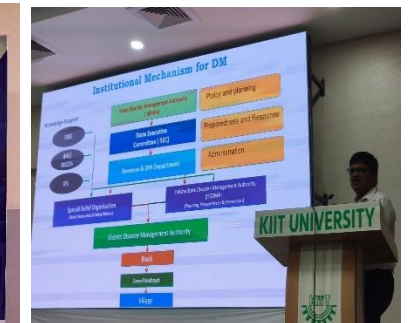
Alumni Talk Highlights Solar Energy's Role in Sustainable Rural Livelihoods

On 09.08.2024, KIIT School of Rural Management hosted alumnus Satyapriya Sahu for a talk on Decentralized Renewable Energy (DRE). Drawing from his experience, he emphasized solar energy's impact on sustainable livelihoods and energy access for marginalized communities. He also shared SELCO Foundation's innovations, including the "Energy for Health" program's transformative reach.



KIIT Hosts Workshop on Seismic Engineering Challenges and Opportunities

KIIT conducted a one-day workshop on "Challenges & Opportunities in Seismic Engineering" on 10th August 2024. Experts from industry and academia discussed active/passive systems, earthquake-resistant design, retrofitting, and disaster resilience. The event emphasized the critical role of seismic safety in infrastructure development and disaster management practices.



TEDxKIIT University 8th Edition Inspires with Theme 'Pharos - The Guiding Light'

It was held on August 10, 2024, uniting 350 attendees with powerful talks from 10 distinguished speakers. The event fostered innovation, thought leadership, and meaningful dialogue, creating a platform for inspiring ideas and diverse perspectives under the guidance of KIIT's visionary leadership.



KIIT SAP and UltraTech Host ADDA Lecture on Sustainable Construction

On 13.08.2024, KIIT School of Architecture and Planning, with UltraTech Cement, organized the 2nd ADDA Lecture Series on "Sustainable Construction: +Ve Footprints." Experts shared insights on green cement and eco-friendly architecture. Awards recognized student excellence and faculty mentorship, highlighting KIIT's dedication to sustainable innovation and academia-industry collaboration.



KIIT-DU Partners with Beumer India to Advance Cement and Mining Technology

On 19.08.2024, KIIT Deemed to be University signed an MoU with Beumer India Pvt. Ltd. to boost innovation in cement and mining sectors. The partnership aims to enhance industry-academia collaboration, leveraging Beumer's expertise in intra-logistics and KIIT's academic strengths for technological advancements.



KSRM Hosts 5th National Rural Management Konclave on Inclusivity and CSR Innovation

On 31.08.2024, The 5th KSRM National Rural Management Konclave brought together leaders to discuss inclusive rural development and CSR innovation. Key panels explored rural entrepreneurship, women empowerment, and collaborative strategies for Viksit Bharat 2047. Speakers emphasized professional rural management and sustainable corporate responsibility to uplift communities and drive impactful change.



KSRM Alumni Panel Explores Innovation and Sustainability in CSR

On 06.09.2024, KSRM hosted an alumni panel on "Synergizing Innovations and Sustainability through CSR," featuring Alok Pandey, Pritam Motilal, and Mashkoor Khan. Panelists shared insights on CSR laws, ESG integration, and grassroots impact. Emphasizing communication, community engagement, and strategic alignment, they highlighted essential skills and challenges in driving sustainable, impactful CSR initiatives.



KIIT Hosts Global Climate Hackathon to Tackle Environmental Challenges

On 23.09.2024, The Weather and Climate Hackathon (WATCH), held at KIIT-DU in collaboration with BCC/CUNY and US Consulates, united students from India and the US to develop AI-driven solutions for climate resilience, air quality, and sustainable cities. The event fostered global cooperation and innovation for environmental sustainability.



KIIT, KISS & Jhpiego Launch THRIVE to Empower Tribal Health and Youth Innovation

On 03.10.2024, KIIT, KISS, and Jhpiego have launched the THRIVE initiative to promote tribal health, youth innovation, and cultural preservation through two Centres of Excellence—CTHR and CYII. The partnership emphasizes indigenous-led research, inclusive development, and sustainable community impact, establishing a global model for collaborative, locally-driven solutions in health and education.



KIIT Hosts ISHRAE Workshop on HVAC Air-Balancing Techniques

KIIT's School of Mechanical Engineering, in collaboration with ISHRAE, organized a workshop on "Air-Balancing and Testing Methodology in HVAC" on 19th October 2024. Attended by technicians, students, and experts from across Odisha, the event featured insights from Dr. B. Kiran Naik and showcased innovations by Aerolam and Kehems.



KINS Hosts Model Exhibition Showcasing Innovative Child Health Nursing Projects

On 23.10.2024, Kalinga Institute of Nursing Sciences held a Model Exhibition on Child Health Nursing for B.Sc. students, featuring nine creative topics like congenital heart diseases and ventilators. Evaluators praised students' innovation and motivated participants. The event fostered learning, engagement, and interdisciplinary interest among faculty and students.



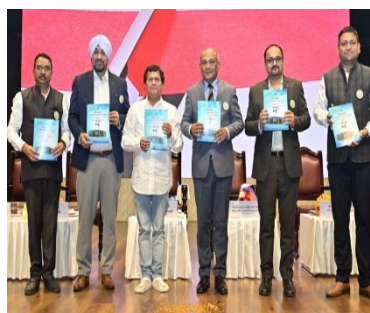
KSOM BBA Students Showcase Innovation at 'KERNEL' Product Development Expo

On 19.11.2024, KIIT School of Management's BBA students organized 'KERNEL', a new product development exhibition featuring 40+ innovative concepts. Graced by Founder Prof. Achyuta Samanta, the event bridged academics and real-world application through posters, models, and research. It reinforced KSOM's focus on hands-on learning and entrepreneurial thinking.



KI3 Fest Showcases Student Innovation at KIIT-DU

On 07.12.2024, KIIT-DU's KI3 Fest celebrated student creativity and innovation under the theme "Frontier Technologies for Viksit Bharat @ 2047." Over 600 students presented 250+ prototypes, reflecting impactful ideas. Experts praised the role of institutions in innovation, with Dr. Achyuta Samanta stressing the need for idea-driven transformation.



Achievements in SDG 9 Implementation

PRODUCT SHOWCASE In the path of "MAKE IN INDIA"



Inochi Care Pvt Ltd

A frugal multi therapeutic wound care solution for resource constraint healthcare settings.
Supported under DST-NIDHI PRAYAS



Inofinity R&D Pvt Ltd

SANJIVANI: Compression Only Life Support Assist Gadget for Resuscitation of Cardiac Arrest victim by Common men
Supported under DST-NIDHI PRAYAS



Innocule Materials & Additives Pvt Ltd

Bringing efficiency to Mineral Processing Chemical solutions for mineral operations
Supported under NSTEDB



Assistaid Healthcare Pvt Ltd

Portable all-in-one Dynamometer
Supported under DST-NIDHI PRAYAS



Ripple Healthcare Pvt Ltd

A more acceptable and effective way to prevent hip fractures in the elderly due to falls.
Supported under DST-NIDHI PRAYAS



Oska Technology Pvt Ltd

Medimemo: A smart IoT solution which not only reminds the patients for the medication
Supported under DST-NIDHI PRAYAS



Swayogya Rehab Solutions Pvt Ltd

A portable Biophysically stimulated Therapeutic device for persons with knee osteoarthritis
Supported under DST-NIDHI PRAYAS



Kalinga Renewable Energy Manufacturers Pvt Ltd (Karma)

Manufacturing cost-effective machinery using solar panels with the principle of Sustainable Development.
Supported under NSTEDB



MinionLabs India Pvt Ltd

Minion Energy Management Solution
Supported under DST-NIDHI PRAYAS

PRODUCT SHOWCASE In the path of "MAKE IN INDIA"



Miraques Medsolutions Pvt Ltd

StopBleed: A commercially viable and easily applicable fast acting haemostatic agent

Supported under DST-NIDHI PRAYAS



Upsoil Technologies (OPC) Pvt Ltd

SoilSCOPE: Point-of-Use rapid nutrients testing and soil health analyser

Supported under DST-NIDHI EIR



Felis Leo Widgets Pvt Ltd

Bio-degradable fast charge EV batteries out of agricultural wastes such as crop residue.

Supported under DST-NIDHI PRAYAS



Droaerody Pvt Ltd

Krishi PS-1925® - Drone for Climate-Smart Agriculture

Supported under DST-NIDHI EIR



Aptinnov Labs Pvt Ltd

Latinno - latex Carry Knapsack

Supported under DST-NIDHI EIR



Krakel Healthcare Pvt Ltd

A Non-Invasive POC Device and Respiratory Diseases Diagnostic Platform.

Supported under DST-NIDHI PRAYAS



Terracraft Agritech Pvt Ltd

KrishiBOT- A smart Agriculture robot

Supported under DST-NIDHI PRAYAS & NIDHI Accelerator



Azeeedo Agritech Pvt Ltd

AZEEDO: Crop-defender

Supported under DST-NIDHI PRAYAS & NIDHI Accelerator



Neukelp Innovation Technology Pvt Ltd

Neukelp Posture: Intelligent body posture monitoring device

Supported under DST-NIDHI PRAYAS & NIDHI Accelerator

PRODUCT SHOWCASE

In the path of "MAKE IN INDIA"



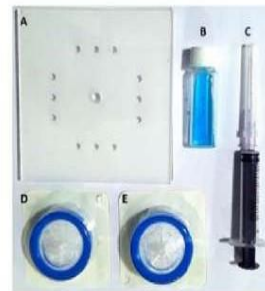
Venom Plasma LLP

VENOM - Our Air De-Toxifier for Bio-Oxygen plasma.
Supported under DST-NIDHI EIR



Macphy Solutions Pvt Ltd

Solid state coolingbox/refrigerator system
Supported under DST-NIDHI EIR



Sanlopl Healthcare Solution Pvt Ltd

UTI AMR Kit
Supported under DST-NIDHI EIR & NIDHI PRAYAS



Larkai Innovations Pvt Ltd

ThoraCare: A non-invasive easy to use early stage heart and lung abnormalities screening device
Supported under DST-NIDHI EIR



Protonix Technology Pvt Ltd

Gollem Kit with motors, different actuators, some sensors with Captain controller that has some dedicated and some programmable switches.
Supported under DST-NIDHI EIR



Tan90 Thermal Solutions Pvt Ltd

Portable Cold Storages with Proprietary Phase Change Material for Cold Supply Chain
Supported under DST-NIDHI Accelerator



Bariflo Labs Pvt Ltd

AI-IOT based multipurpose sediment level dispenser for inland shrimp aquaculture
Supported under DST-NIDHI Accelerator



Frugal Spheres Pvt Ltd

Venepuncture Guide
Supported under DST-NIDHI EIR



Aerostrovilos Energy Pvt Ltd

Micro Gas Turbine – Compact power generation.
Supported under DST-NIDHI PRAYAS

PRODUCT SHOWCASE

In the path of "MAKE IN INDIA"



Ezerx Health Tech Pvt Ltd

Non-invasive non-contact kit for hemoglobin, bilirubin, oxygen saturation measurement
Supported under DST-NIDHI PRAYAS & NIDHI Accelerator



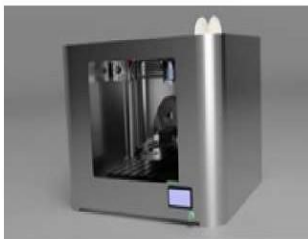
Ethought Technologies (OPC) Pvt Ltd

Toilet Support Assisting Assembly For Elderly Or Disabled Persons
Supported under DST-NIDHI PRAYAS



Orduino Labs Pvt Ltd

Smart Sensor for fuel telematics Fuel level
Supported under DST-NIDHI PRAYAS & NSTEDB



Automaton Robotics and Automation Pvt Ltd

5-Axis 3D printing and CNC milling Hybrid Workstation
Supported under DST-NIDHI PRAYAS & NIDHI Accelerator



Forestica Booty Pvt Ltd

EASYdatun - combination of a brush with a stick that wouldn't carry bristles, fully treated herbal stick
Supported under DST-NIDHI PRAYAS



Comofi Medtech Pvt Ltd

An augmented reality based robotic device to access kidney for PCNL surgery
Supported under NSTEDB



BNG Spray Solutions Pvt Ltd

Highly Fuel Efficient Industrial Furnace Burner
Supported under DST-NIDHI PRAYAS & NIDHI Accelerator



Metnmat Innovations Pvt Ltd

A High performance wear solutions for crushing & grinding applications.
Supported under DST-NIDHI PRAYAS

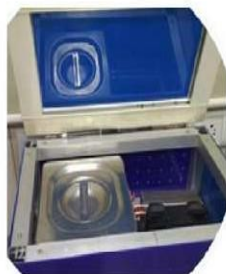


Praesus Technologies Pvt Ltd

Altor Smart Helmet
Supported under DST-NIDHI EIR & NIDHI PRAYAS

PRODUCT SHOWCASE

In the path of "MAKE IN INDIA"



Orbonix Labs Pvt Ltd

SampleTrack

Supported under DST-NIDHI PRAYAS



Yos Home Appliance Pvt Ltd

Starch & arsenic reducing rice cooker

Supported under DST-NIDHI PRAYAS & NIDHI Accelerator



Huwel Lifesciences Pvt Ltd

COVID-19 Detection Kit (Real Time Quantitative PCR Kit)

Supported under DST-CAWACH



Whiteshark Energy Pvt Ltd

Smart Solar Inverters

Supported under DST-NIDHI PRAYAS



Sarala Powertech Consulting Engineers LLP

Design, Prototyping of a Low Cost Reliable Hybrid Energy System.

Supported under DST-NIDHI PRAYAS



RMmedi Innovations Pvt Ltd

Safety Goggles to Combat Covid-19

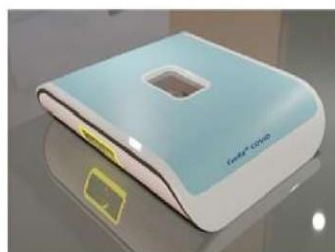
Supported under DST-CAWACH



Udiyate Technologies Pvt Ltd

IOR Based Beverage Bot

Supported under DST-NIDHI PRAYAS & NIDHI Accelerator & NSTEDB



Prantae Solutions Pvt Ltd

SARS-Cov2- IgG+IgM ELISA Kit

Supported under DST-CAWACH



Comofi Medtech Pvt Ltd

NT-Mask

Supported under DST-CAWACH

PRODUCT SHOWCASE

In the path of "MAKE IN INDIA"



ETA Purification Pvt Ltd

COSMO (Complete Sterilization by Micro-plasma Oxidation)

Supported under DST-CAWACH



Qawach Bio Pvt Ltd

InstaCOVID Ag: Easy home antigen test for COVID-19 detection

Supported under DST-NIDHI4COVID



Dhanvantri Biomedical Pvt Ltd

Sahayatha- A convertible wheelchair cum bed for the mobility-impaired.

Supported under DST-NIDHI4COVID



Chimera Translational Research Fraternity

Smart Solar Inverters

Supported under DST-CAWACH



Biodesign Innovation Labs Pvt Ltd

RespirAID: Automated Respiratory Assisting Device

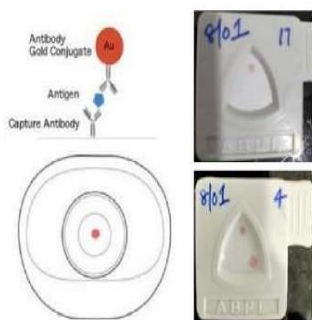
Supported under DST-NIDHI4COVID



MinionLabs India Pvt Ltd

MinionLabs UV Saaph

Supported under DST-NIDHI4COVID



Ameliorate Biotech Pvt Ltd

Rapid diagnostic device for detection of COVID-19 Antigen

Supported under DST-NIDHI4COVID & NIDHI Accelerator



Medcuore Medical Solutions Pvt Ltd

ARIA - Smart Oxygen Concentrator

Supported under DST-NIDHI4COVID



Epvi New Technological Epoch Pvt Ltd

Manufacturing the World's first AutoSwitcher Lighting Products. Smi Fi Energy Meter

Supported under DST-NIDHI Accelerator

PRODUCT SHOWCASE

In the path of "MAKE IN INDIA"



HFIL Technologies Pvt Ltd

An affordable smart energy meter solution

Supported under DST-NIDHI PRAYAS



Symbiorph Medical Innovation Pvt Ltd

iLive: 10L/min High Pressure Oxygen Concentrator

Supported under DST-NIDHI PRAYAS & NIDHI4COVID



Shyama Projection Engineering Research Pvt Ltd

3-Axis Stabilized Bipod Mount for Mortar Weapon System

Supported under DST-NIDHI PRAYAS



Darubrahma Automation Robotics Pvt Ltd

Platyrrhynchous Vehicle

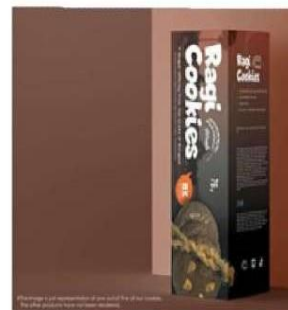
Supported under DST-NIDHI EIR & PRAYAS



Skyrider Electric Pvt Ltd

Personal Transport Vehicle (PTV)

Supported under DST-NIDHI EIR



H2M Food & Beverages Pvt Ltd

Cookies and Beverages

Supported under DST-NIDHI EIR & NIDHI Accelerator



ART OF GIVING

Giving education to the deprived is like
giving sight to the blind -Achyuta Samanta

PHILOSOPHY OF LIFE

'Art of Giving' is a not-for-profit initiative for spreading, supporting and promoting the practice of giving around the world. It is based on the philosophy of life of **Prof. Achyuta Samanta**, who has struggled through an experience of poverty, hunger, humiliation in receiving and pleasure in giving from his childhood. He gives the credit of all his success to 'Art of Giving' and has been working relentlessly to achieve zero poverty, zero hunger and zero illiteracy since 1987.



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