GGU
GODAVARI GLOBAL UNIVERSITY

NSTC 國家科學及技術委員會
National Science and Technology Council

國立中山大學
National Sun Yat-sen University

2025 INTERNATIONAL CONFERENCE ON

GREEN ECONOMY
SUSTAINABLE DEVELOPMENT GOALS (SDGs)
AND AI FOR GREEN TECHNOLOGIES

Venue: Godavari Global University | Date: 27-29 August, 2025

ORGANIZED BY
Godavari Global University
Rajahmundry, A.P., India | www.ggu.edu.in

IN ASSOCIATION WITH
National Sun Yat-sen University
Kaohsiung City, Taiwan | www.nsysu.edu.tw

SPONSORED BY
National Science & Technology Council
Taiwan, R.O.C. | www.nstc.gov.tw

About the Conference

The "2025 International Conference on Green Economy, Sustainable Development Goals, and AI for Green Technologies" brings together the global leaders, innovators, and experts from India and Taiwan to explore sustainable solutions for the global green transition. The conference will focus on how emerging technologies, particularly Artificial Intelligence (AI), can accelerate the achievement of Sustainable Development Goals (SDGs) and promote a green economy across both nations. As climate change becomes an increasingly urgent global challenge, the collaboration between India and Taiwan represents a unique opportunity to share knowledge, experiences, and best practices in leveraging technology for sustainability.

Through a series of engaging discussions, workshops, and panel sessions, the conference will provide a platform for cross-border collaboration on green technologies and sustainable practices that can drive the transition towards a carbon-neutral future. Participants will also explore how AI can be harnessed to optimize energy efficiency, reduce emissions, and create innovative solutions.

Themes of the Conference

- Building a Green Economy through Entrepreneurship and Innovation
- Innovative Sustainable Development Practices
- AI for Green Technologies
- Green Innovations in Agriculture and Food Systems
- Climate Change Mitigation and Adaptation through Technology
- Circular Economy and Waste Management Technologies
- Collaborative Efforts in Achieving the SDGs: India-Taiwan Synergies

For more details, visit: https://indo-taiwanconference.ggu.edu.in/

Sponsoring Agency

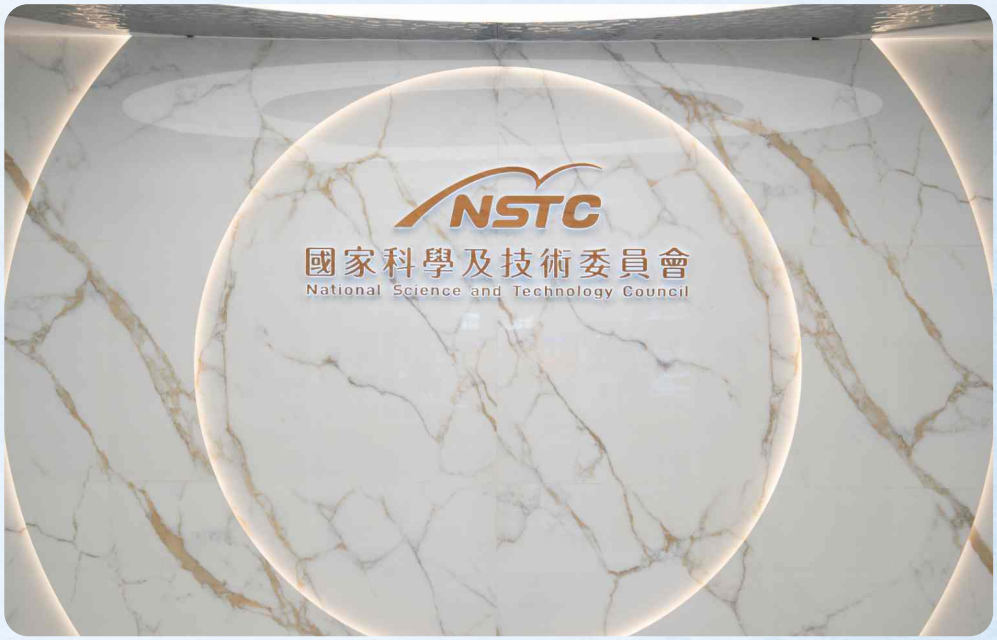
NSTC 國家科學及技術委員會
National Science and Technology Council

National Science and Technology Council (NSTC), Taiwan, R.O.C.

National Science and Technology Council (NSTC) is a subordinate agency of the Executive Yuan, the executive branch of the ROC government. The NSTC is tasked with planning the nation's frontier science and technology (S&T), promoting the development of S&T, applying basic research to industrial applications, and coordinating the allocation of resources across agencies and fields. As an engine of S&T innovation, the NSTC carries out four key missions: "Formulating Forward-looking S&T Policy," "Supporting Basic Research," "Establishing Science Parks," and "Promoting Innovation and Entrepreneurship." These missions strengthen Taiwan's position as a global leader in S&T research while addressing the needs of society as a whole.

Through its initiatives, the NSTC strengthens Taiwan's position as a global leader in innovation, while also promoting international collaboration and talent development in science and technology. The NSTC's support for this event reflects its ongoing commitment to fostering knowledge exchange and accelerating technological breakthroughs that benefit both Taiwan and the global community.

As a key government agency, the NSTC provides financial support, research grants, and strategic guidance to academic institutions, industries, and research organizations. By investing in emerging technologies such as artificial intelligence (AI), biotechnology, semiconductors, and green energy, the NSTC ensures that Taiwan remains at the forefront of scientific and technological advancements.



About the Host Institute

Godavari Global University (GGU), Rajahmundry, India

Godavari Global University (GGU), founded in 1998 as the Godavari Institute of Engineering and Technology (GIET), has evolved from a modest intake of 180 students into a global institution with over 10,000 students from 15 Indian states and 13 countries. It has become a state private university in 2024. GGU, spanning over 300 acres, has a 25-year legacy of nurturing talent and is committed to empowering students with futuristic skills and ethical leadership. It offers UG, PG and Doctoral programmes in diverse streams of Basic Sciences, Computing, Engineering and Technology, Management Studies, Pharmacy and Allied Health Sciences.and Allied Health Sciences. The university is renowned for its state-of-the-art infrastructure, world-class faculty, and innovative research initiatives. GGU's diverse and vibrant campus community fosters a culture of creativity, critical thinking, and global collaboration, preparing students to meet the challenges of an increasingly interconnected world. GGU places a high value on industry partnerships, research collaborations, and practical learning experiences, which are integral to its academic philosophy. Through its world-class research centers and innovation hubs, GGU promotes cutting-edge research in emerging fields like artificial intelligence, biotechnology, renewable energy, and digital transformation. As the host institution for this event, Godavari Global University is proud to bring together experts, thought leaders, and innovators to engage in meaningful discussions and share insights that contribute to technological progress and societal development. The university's dedication to fostering knowledge exchange and global partnerships reflects its role as a key player in advancing education and research on a global scale.

國立中山大學
National Sun Yat-sen University

About the Partnering Institute

National Sun Yat-sen University, Kaohsiung, Taiwan

National Sun Yat-sen University (NSYSU), established in 1980 and located in Kaohsiung, Taiwan, is one of the nation's leading institutions of higher education. With a strong emphasis on internationalization, innovation, and interdisciplinary research, NSYSU has earned a reputation for academic excellence, particularly in the fields of business, engineering, marine sciences, social sciences, and environmental studies.

NSYSU is known for its vibrant campus environment, fostering a culture of creativity, collaboration, and community engagement. The university offers a broad spectrum of degree programs, ranging from undergraduate to Ph.D. levels, and attracts students and researchers from across the globe.

The university's commitment to research and development has positioned it as a major player in Taiwan's technological and scientific landscape. NSYSU's world-class faculty and research centers are dedicated to advancing cutting-edge research, particularly in the areas of sustainable technology, digital innovation, and AI-driven applications.

In partnership with the National Science and Technology Council (NSTC), NSYSU plays a pivotal role in organizing this event, reflecting its dedication to promoting global collaboration, innovation, and the exchange of knowledge. Through this collaboration, NSYSU continues its mission to inspire thought leadership and foster impactful connections across diverse sectors.

GGU - Management Profiles

Sri KVV Satyanarayana Raju,
Chancellor, GGU

Sri K. V. V. Satyanarayana Raju, fondly known as Chaitanya Raju Garu, is the visionary founder and Chancellor of Godavari Global University. With over four and a half decades of experience in establishing institutions of Higher Education and Medical Education, he has been instrumental in transforming GIET into a prestigious state private university. He also founded the Konaseema Institute of Medical Sciences, which houses an 850-bed super specialty hospital, contributing significantly to regional healthcare. A patron of Telugu literature and the arts, he is widely respected in socio-literary circles both in India and abroad. His unwavering commitment to quality education, rural development, and societal progress has left a profound impact. Under his dynamic leadership, Godavari Global University continues to thrive as a beacon of innovation, values, and global academic excellence.

Mr. K. Ravi Varma serves as the Pro-Chancellor of Godavari Global University and the Managing Director of Konaseema Institute of Medical Sciences (KIMS), Amalapuram. With a passion for both education and healthcare, he plays a key role in bridging these two vital sectors. At GGU, he contributes to strengthening academic quality, global collaborations, and institutional outreach. As MD of KIMS, he oversees the operations of an 850-bed super specialty hospital, advancing medical education and rural healthcare delivery. His leadership supports sustainable development through health and education. Mr. Ravi Varma remains committed to creating transformative impact across the region.

Sri K Ravi Varma,
Pro Chancellor, GGU

Sri Sasi Varma,
Pro Chancellor, GGU

Mr. K. Sasi Varma is the President and Pro-Chancellor of Godavari Global University and Vice Chairman of GIET Institutions, Rajahmundry. A computer science engineer by qualification, he brings over two decades of experience in academic administration and institutional development. He played a pivotal role in transforming GIET into a prestigious private university, driving its academic vision and strategic growth. Under his leadership, GGU has achieved NAAC A++ accreditation, consistent NIRF rankings, and strong global collaborations. He has also been instrumental in establishing multiple Centers of Excellence in partnership with leading industries. Mr. Sasi Varma continues to champion innovation, infrastructure advancement, and student-centered education.

Organizing Committee - Key Persons

Prof. Lung-Jieh Yang
Taipei Economic and Cultural Center India

Professor Lung-Jieh Yang currently serves as the Counselor and Director of the Science and Technology Division at the Taipei Economic and Cultural Center (TECC) in New Delhi, India. He plays a vital role in strengthening science and technology collaboration between Taiwan and India. A senior academic, Prof. Yang is also a Professor of Mechanical and Electromechanical Engineering at Tamkang University in Taiwan. He earned his Ph.D. in Applied Mechanics from National Taiwan University in 1997. With over 26 years of research experience, he specializes in MEMS technology and flapping-wing micro aerial vehicles (FWMAVs). He has published around 80 journal papers and authored two textbooks in his field. Prof. Yang is well known for mentoring many international students, including from India, and leading joint research projects. He also serves as the President of the International Society on Intelligent Unmanned Systems (ISIUS). His expertise and leadership have significantly contributed to advancing international academic partnerships.

Dr. U. Chandrasekhar
Vice Chancellor, GGU
Andhra Pradesh

Dr. U. Chandrasekhar is a renowned expert in technology development, additive manufacturing, and aerospace engineering. With over 28 years at DRDO, he rose to the rank of Additional Director and played a key role in establishing India's first Defence Additive Manufacturing Laboratory in 1999. He led numerous high-profile projects in aero gas turbines, unmanned systems, and combat aircraft. also served as Pro Vice Chancellor of Veltech University, Chennai, and Program Director Addwize at Wipro Infrastructure Engineering, leading projects in additive engineering for aerospace. He is known for his focus on innovation, academic excellence, and global collaborations, fostering strong partnerships between academia and industry.

Prof. Cheng-Hsin Chuang
National Sun Yat-Sen University
Kaohsiung City, Taiwan

Prof. Cheng-Hsin Chuang is the Chair of the Institute of Medical Science and Technology at National Sun Yat-sen University (NSYSU) and leads the Micro and Nano Sensing Technology (MANST) Laboratory. With over two decades of research, Prof. Chuang specializes in developing smart sensing technologies using novel nanomaterials and Artificial Intelligent Internet of Things (AIoT) for real-world medical applications. His work integrates material engineering, micro/nano electromechanical systems (MEMS/NEMS), and flexible electronics, resulting in innovations such as biosensors for point-of-care diagnostics, wearable sensors, and stretchable strain and pressure sensors. Prof. Chuang's role in coordinating this event showcases his dedication to bridging academic communities across borders and advancing cutting-edge research and innovation in Taiwan and beyond.

Chief Guest

Mr. Shu-Chih Hsu currently serves as the Director-General of the Taipei Economic and Cultural Center in Chennai, India. He earned his M.A. in English and B.A. in American Studies from Tamkang University, Taiwan. Since joining the Ministry of Foreign Affairs in 2002, he has undertaken diverse diplomatic assignments across North America, Central and South America, the Pacific, and South Asia. His postings include Sydney, Guam, the Marshall Islands, and Canada, along with senior roles in Taiwan's Ministry of Foreign Affairs, such as Deputy Director-General of the Department of East Asian and Pacific Affairs, Director of the Guam office, and Deputy Director in Canada. Known for his expertise in fostering bilateral relations and advancing international cooperation, he brings over 20 years of diplomatic service to his current role.

Mr. Stephen Shu-Chih Hsu
Director-General
TECC in Chennai

Guest of Honour

Dr. Madhav has contributed significantly to the development and advancement of tobacco farming techniques, focusing on improving crop quality, yield, and sustainability. He specializes in agricultural research with an emphasis on tobacco cultivation, crop management, post-harvest processing, and the integration of sustainable agricultural practices. His work is pivotal in promoting environmentally responsible farming through the adoption of innovative practices that mitigate the impact of tobacco farming on the environment. His leadership at CTRI involves fostering collaborative research and technology transfer to support India's agricultural growth while ensuring the sustainability of the sector.

Dr. M. Seshu Madhav
Director, ICAR- CTRI
Rajahmundry

Taiwan Speakers

Prof. Lung-Jieh Yang
Taipei Economic and
Cultural Center, India

Prof. Cheng-Hsin Chuang
National Sun Yat-Sen University
Kaohsiung City, Taiwan

Prof. An-Bang Wang
National Taiwan University
Taipei City, Taiwan

Prof. Chyi-How Lay
Feng Chia University
Taichung City, Taiwan

Prof. Zong-Hong Lin
National Taiwan University
Taipei City, Taiwan

Dr.Yen-Ting Li
Tamkang University
New Taipei City, Taiwan

Prof. Pao-Ann Hsiung
National Chung Cheng University
Chiayi County, Taiwan

Prof. Jenn-Kun Kuo
National Sun Yat-sen University
Kaohsiung City, Taiwan

Indian Speakers

Dr. M. Seshu Madhav
ICAR- CTRI, Andhra Pradesh
India

Dr. Shashidhar Mathapati
Delta Electronics India Pvt. Ltd.
Karnataka, India

Dr. S. Sivaperumal
Presidency University
Karnataka, India

Dr. Bahni Ray
IIT - Delhi, New Delhi
India

Prof. Siddharth Jhunjhunwala
IIndian Institute of Science,
Karnataka, India

Prof. Vimal Katiyar
IIT - Guwahati, Assam
India

Prof. Ranjit Thapa
SRM University - Amaravathi,
Andhra Pradesh, India

Dr. Spoorthi Singh
Manipal Institute of Technology
Karnataka, India

Prof. Palani I Anand
IIT - Indore
Madhya Pradesh, India

Dr. M. V. Ramana Murthy
Ministry of Earth Sciences,
New Delhi, India

Dr. R. Siva
Sathyabama University
Tamil Nadu, India

Dr. Cyril Prasanna Raj
Cambridge Institute of Technology
Karnataka, India

Prof. Basanna Patagundi
National Forensic Sciences University
Delhi, India

Mr. Prakash Gupta
Scanzer Earth Pvt. Ltd.
Karnataka, India

AGENDA

Day 0: August 27, 2025 (Wednesday)

Time	Activity
09:30 AM – 10:00 AM	Receiving the Taiwanese Experts from the Airport
02:45 PM – 05:00 PM	Welcoming Session and Local Tour

Day 1: August 28, 2025 (Thursday)

Time	Session / Speaker
09:30 AM – 10:30 AM	**Inauguration** Inaugural Address: **Sri. KVV Satyanarayana Raju,** Chancellor, GGU **Sri.K. Sasi Varma,** Pro Chancellor, GGU **Dr. U. Chandrasekhar,** Vice Chancellor, GGU Chief Guest: **Mr. Stephen S. C. Hsu,** DG, TECC Chennai Guest of Honour: **Dr. M. Seshu Madhav,** ICAR-CTRI
10:30 AM – 11:00 AM	Taiwan's Development of S&T and Cooperation with India **Prof. Lung-Jieh Yang**
11:00 AM – 11:15 AM	Tea/Coffee Break
11:15 AM – 11:45 AM	Internet of Medical Things for Digital Healthcare **Prof. Cheng-Hsin Chuang**
11:45 AM – 12:15 PM	Power Electronics for Advanced Energy Infrastructure **Dr. Shashidhar Mathapati**
12:15 PM – 12:45 PM	Drop Dynamics to Microfluidics & Sustainable Tech **Prof. An-Bang Wang**
12:45 PM – 01:45 PM	Lunch
01:45 PM – 02:15 PM	Biohythane Production in Circular Economy **Prof. Chyi-How Lay**
02:15 PM – 02:45 PM	AI-based Traffic& Environmental Monitoring For Sustainable Smart Cities **Prof. Pao-Ann Hsiung**
02:45 PM – 03:15 PM	Bioinspired Triboelectric Nanogenerators **Prof. Zong-Hong Lin**
03:15 PM – 03:30 PM	Tea/Coffee Break
03:30 PM – 04:00 PM	DFT + Interpretable ML for Sustainable Energy Materials **Prof. Ranjit Thapa**
04:00 PM – 04:30 PM	Mixed Fuels in MS-SOFC **Prof. Jenn-Kun Kuo**
04:30 PM – 05:00 PM	Green 3D Sand Mold Processes **Dr. Yen-Ting Li**

Day 2: Friday, August 29, 2025

Time	Session / Speaker
09:30 AM – 10:00 AM	Title (to be included) **Dr. M. V. Ramana Murthy**
10:00 AM – 10:30 AM	Engineering Immune Responses for Bio-Medical Applications **Prof. Siddharth Jhunjhunwala**
10:30 AM – 11:00 AM	Empowering Youth, Engineering Innovation, and Enabling Climate Action **Dr. S. Sivaperumal**
11:00 AM – 11:15 AM	Tea/Coffee Break
11:15 AM – 11:45 PM	Advancing Sustainable Agriculture Through Multifunctional Robotics **Dr. Spoorthi Singh**
11:45 AM – 12:15 PM	Electro spray technology for air pollution mitigation **Dr. Bahni Ray**
12:15 PM – 12:45 PM	Green Composites and Sustainable Development **Dr. R. Siva**
12:45 PM – 01:45 PM	**Lunch**
01:45 PM – 02:15 PM	Sustainable Plastic Formulations for Commodity, Engineering and Biomediacal Applications **Prof. Vimal Katiyar**
02:15 PM – 02:45 PM	AI in Green Semiconductor Technologies **Dr. Cyril Prasanna Raj**
02:45 PM – 03:15 PM	Role of Buisiness and Society in Achieving SDGs **Prof. Basanna Patagundi**
03:15 PM – 03:30 PM	Tea/Coffee Break
03:30 PM – 04:00 PM	Bridging Industry-Academia gap in sustainability **Mr. Prakash Gupta**
04:00 PM – 04:30 PM	Design and Development FEP-based Triboelectric Nanogenerator for Machine Tool Condition Monitoring. **Prof. Palani I. Anand**
04:30 PM – 05:00 PM	**Valedictory Session & Issue of Participation Certificates**

Registration Details

Who can Attend

- Faculty Members
- Research Scholars
- Industry Professionals
- Students

Why to Attend This Conference

- **Gain Access to Cutting-Edge Research:** Explore the latest studies, innovations, and pilot projects in the fields of Artificial Intelligence and Sustainability.
- **Learn from Global Experts:** Engage with leading researchers, academicians, and policymakers from India and Taiwan.
- **Discover Collaborative Opportunities:** Explore Indo-Taiwan joint funding schemes, academic exchange initiatives, and R&D partnership models.
- **Network with Key Stakeholders:** Connect with universities, research institutions, and eco-tech companies for potential collaborations.
- **Advance Your Academic Goals:** Identify new opportunities for Ph.D. collaborations, research funding, and international exchange programs.

Benefits of Attending

- Opportunity to interact with experts from Academia and Industry
- Opportunity for creating network with both Indian and Taiwanese experts
- Certificate of Participation will be issued to all participants.

Registration Fee

No Registration Fee

Important Dates

Last Date for Registration	:	**20 August, 2025**
Last Date for Notification	:	**22 August, 2025**
Date of Conference	:	**28-29 August, 2025**

Scan QR for Registration

For any queries and clarifications,
please contact
Dr. J. Jeya Jeevahan (Jeeva),
University Technical Officer, GGU.
Ph: +91 9176901505
Email: uto@ggu.edu.in

Speaker Profiles

Prof. An-Bang Wang
National Taiwan University
Taipei City, Taiwan

Prof. An-Bang Wang is a Distinguished Professor in the Institute of Applied Mechanics at National Taiwan University (NTU), one of Taiwan's premier institutions. With extensive experience in applied mechanics and material science, he is a prominent figure in the fields of fluid dynamics, microfluidics, and sustainable technology. Prof. Wang's research has made significant contributions to engineering solutions in areas that span from energy systems to environmental technologies. As a leader in academia, Prof. Wang has been instrumental in fostering research that integrates mechanical engineering with sustainable practices, emphasizing microfluidics, fluid dynamics, and sustainable manufacturing technologies.

Prof. Chyi-How Lay is a Professor and Chief of Human Resource Division at Feng Chia University. His research focuses on green energy technologies, biotechnology, and sustainability engineering. Prof. Lay is dedicated to developing renewable energy solutions like solar, wind, and bioenergy, along with innovative biotechnological applications that drive sustainable energy and environmental management. His work also explores sustainability engineering practices, optimizing energy systems for improved efficiency, carbon capture, and environmental conservation, ultimately contributing to the advancement of eco-friendly technologies aligned with global sustainability goals.

Prof. Chyi-How Lay
Feng Chia University
Taichung City, Taiwan

Prof. Zong-Hong Lin
National Taiwan University
Taipei City, Taiwan

Prof. Zong-Hong Lin is a Professor at the National Taiwan University, specializing in medical engineering and biomedical applications. His research is focused on innovative technologies in medical devices, bioengineering, and healthcare solutions. Prof. Lin aims to bridge engineering principles with medical technologies to improve patient care and health system efficiency. His work includes the development of bioinspired technologies, such as triboelectric nanogenerators for energy harvesting and health monitoring, pushing the boundaries of wearable medical devices and sustainable health technologies.

Dr. Yen-Ting Li is an Assistant Professor at Tamkang University in New Taipei City, Taiwan. His research focuses on sustainable manufacturing technologies, particularly in the field of 3D printing and advanced material systems. He has made significant contributions to greyscale printing, using recycled sand and binders to create green 3D sand mold processes for eco-friendly manufacturing. His work aims to advance sustainable practices in the manufacturing sector, improving both environmental impact and industry efficiency.

Dr.Yen-Ting Li
Tamkang University
New Taipei City, Taiwan

Prof. Pao-Ann Hsiung is a Professor and the Director of the Smart Life Research Center at National Chung Cheng University in Chiayi County, Taiwan. His research focuses on smart technologies, with particular emphasis on digital twin systems for creating climate-resilient smart cities. His work integrates AI, IoT, and data analytics to enhance urban planning, environmental management, and sustainability. His expertise lies in developing innovative solutions to create intelligent, adaptive systems for modern urban infrastructure, aiming to improve both quality of life and environmental sustainability.

Prof. Pao-Ann Hsiung
National Chung Cheng University
Chiayi County, Taiwan

Prof. Jenn-Kun Kuo is a Professor, Vice Dean of the School of Engineering, and Director of the Engineering Technology Promotion Center at National Sun Yat-sen University in Kaohsiung City, Taiwan. His research expertise lies in energy systems, specifically in the area of fuel cell technologies and advanced energy solutions. His work focuses on improving the efficiency of energy conversion systems and promoting the integration of renewable energy sources into modern infrastructures. Additionally, he leads initiatives aimed at technology transfer and promoting engineering innovation to tackle environmental and energy challenges.

Prof. Jenn-Kun Kuo
National Sun Yat-sen University
Kaohsiung City, Taiwan

With over 20 years of experience in engineering, Dr.Shashidhar Mathapati leads the company's R&D strategy and the design and development of power electronics solutions, particularly for renewable energy and energy infrastructure. Dr. Mathapati joined Delta in 2011 as an Engineering Manager and has held various positions, including a Scientific Co-worker at the Institute of Power Electronics, University of Paderborn, Germany, and a Design Engineer at IEC. He is dedicated to advancing Delta's mission of creating sustainable energy solutions to improve energy efficiency and drive global development.

Dr. Shashidhar Mathapati
Delta Electronics India Pvt. Ltd.
Karnataka, India

Dr. S. Sivaperumal
Presidency University, Karnataka
India

With extensive experience in academic leadership and research, Dr. Sivaperumal focuses on enhancing institutional growth, fostering innovative teaching methodologies, and advancing research in engineering and technology. A strong advocate for international collaboration, he has established 400+ global collaborations across 40+ countries. His mentorship has empowered 1,000+ students, helping them secure 300+ research internships at prestigious institutions such as CERN, EPFL, and NTU.

Dr. Bahni Ray is a faculty member in the Department of Mechanical Engineering at the Indian Institute of Technology (IIT) Delhi, one of India's premier institutions. Her research focuses on advanced engineering systems, with a particular emphasis on air pollution mitigation technologies and environmentally sustainable engineering solutions. Her work aims to integrate innovative technologies for pollution control and environmental health, helping to address global challenges of air quality and sustainable urbanization. She has a strong track record in cutting-edge engineering research and has contributed significantly to environmental engineering solutions.

Dr. Bahni Ray
IIT - Delhi, New Delhi
India

Prof. Siddharth Jhunjhunwala
IIndian Institute of Science,
Karnataka, India

Prof. Siddharth Jhunjhunwala is a distinguished faculty member in the Department of Bioengineering at the Indian Institute of Science (IISc), Bangalore, where his research focuses on engineering immune responses for biomedical applications. His work bridges the fields of biotechnology, immunology, and bioengineering to develop innovative therapeutic strategies aimed at enhancing human health. He is involved in pioneering research in vaccine development, immunotherapy, and the application of biomaterials in medical treatments. His research has significant implications for disease prevention, healthcare innovations, and biomedical technologies.

Prof. Vimal Katiyar is a faculty member in the Department of Chemical Engineering at the Indian Institute of Technology (IIT) Guwahati. His research interests lie in sustainable plastic formulations, focusing on their use in commodity, engineering, and biomedical applications. He works on developing eco-friendly polymers and composite materials to address challenges in material sustainability and resource conservation. His work contributes to the development of green technologies that have significant applications in manufacturing, healthcare, and environmental conservation.

Prof. Vimal Katiyar
IIT - Guwahati, Assam
India

Dr. M. V. Ramana Murthy
Ministry of Earth Sciences
New Delhi, India

Dr. M. V. Ramana Murthy is a Scientist-H and the Mission Director for the Deep Ocean Mission at the Ministry of Earth Sciences, Government of India. His work focuses on ocean exploration, marine resources, and deep-sea research aimed at advancing oceanographic technologies and ensuring sustainable marine resource management. He has led national initiatives to explore ocean ecosystems, geophysical processes, and the potential for underwater mining and marine biotechnology. He is also involved in policy formulation related to marine science and ocean conservation.

Dr. Spoorthi Singh is a Senior Assistant Professor in the Mechatronics Department at the Manipal Institute of Technology (MIT-MAHE). Her research interests lie in robotics, automation, and sustainable technologies. She focuses on advancing multifunctional robotics to address challenges in sustainable agriculture and industrial applications. Her work aims to develop smart robotic systems that enhance resource efficiency and promote sustainability in various sectors, including agriculture, manufacturing, and environmental management.

Dr. Spoorthi Singh
Manipal Institute of Technology
Karnataka, India

Prof. Palani I Anand
IIT - Indore, Madhya Pradesh
India

Prof. Palani I. Anand is a Professor in the Department of Mechanical Engineering and the Dean of Research & Development at IIT Indore. His research interests focus on triboelectric nanogenerators (TENGs) and smart sensors, particularly for applications in machine tool condition monitoring and sustainable energy harvesting. His work explores the integration of triboelectric materials for self-powered systems, aiming to develop innovative solutions for industrial applications and energy-efficient technologies. As the Dean of R&D, he also drives research collaborations and fosters innovation at IIT Indore

Prof. Ranjit Thapa is the Professor and Dean of Research and Development at the Department of Physics, SRM University-AP. His research focuses on the discovery of sustainable energy materials using Density Functional Theory (DFT) combined with interpretable machine learning (ML). His work aims at understanding the electronic structure and thermodynamic properties of new materials for energy conversion and storage technologies, which have critical applications in renewable energy systems. His interdisciplinary approach combines computational techniques with experimental insights to drive innovation in the energy sector.

Prof. Ranjit Thapa
SRM University - Amaravathi,
Andhra Pradesh, India

Dr. R. Siva
Sathyabama University
Tamil Nadu, India

Dr. R. Siva is specialized on biodegradable composites and their applications in sustainable development. His research aims to create and optimize eco-friendly composite materials that are not only effective but also environmentally responsible. These materials have applications across various industries, including automotive, construction, and biomedical fields, aiming to replace conventional, non-degradable alternatives. He is particularly interested in developing advanced biodegradable polymers that contribute to environmental sustainability by reducing dependency on non-renewable resources. His work also extends to material recycling technologies, waste management, and life-cycle analysis of sustainable materials.

With a strong background in semiconductor devices, sustainable electronics, and green technologies, Dr. Raj's work explores innovative solutions for green energy systems, sustainable electronics, and environmentally-friendly communication technologies, aiming to reduce the ecological impact of the tech industry. He is passionate about integrating sustainability into electronic systems and energy harvesting devices, focusing on reducing energy consumption in consumer electronics and telecommunication networks. His contributions aim to promote the development of low-power, high-performance technologies for applications ranging from wireless communication to IoT and sensor networks.

Dr. Cyril Prasanna Raj
Cambridge Institute of Technology
Karnataka, India

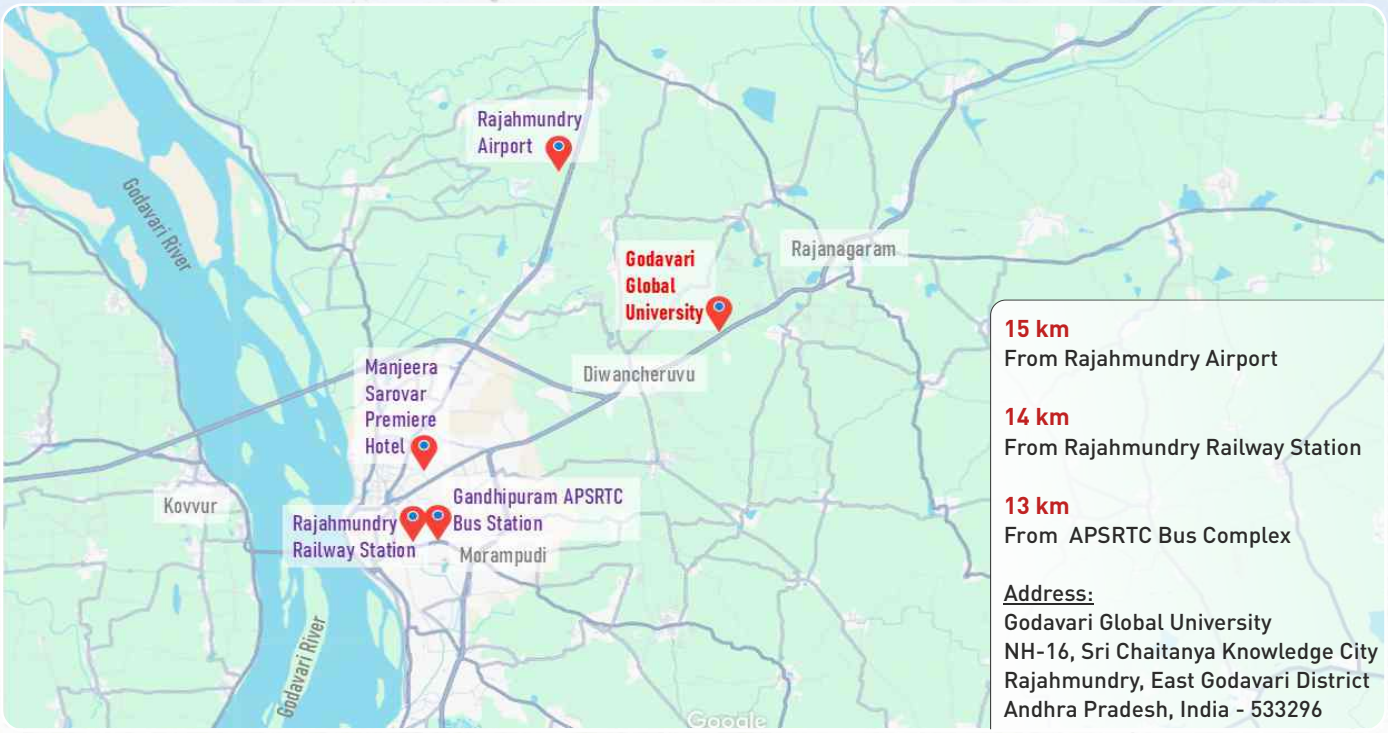
Prof. Basanna Patagundi
National Forensic Sciences University
Delhi, India

With expertise in management and sustainable development, Prof. Patagundi's researchinterests span across the intersection of business strategies and societaldevelopment, focusing on how businesses and society can collaborate to achievethe Sustainable Development Goals (SDGs). He is dedicated to advancingmanagement practices that foster social responsibility, ethical decision-making,and corporate governance. His work also delves into ESG reporting, Sustainable Development, He actively contributes to enhancing management education through his innovative teaching andresearch in business ethics and sustainability.

Mr. Prakash Gupta is the founder of Scanzer.earth, an organization dedicated to bridging the industry–academia gap in sustainability. Through tailored learning pathways, international immersion programs, and support for commercializing innovation, Scanzer empowers students, faculty, and researchers to tap into opportunities in the sustainability sector. Driven by his passion for translating education into real-world impact, he works with individuals, corporations, and governments to advance sustainability goals, deliver impactful learning experiences, and connect classrooms with industry challenges—nurturing the climate leaders of tomorrow.

Mr. Prakash Gupta
Scanzer Earth Pvt. Ltd.
Karnataka, India

Conference Location



15 km
From Rajahmundry Airport

14 km
From Rajahmundry Railway Station

13 km
From APSRTC Bus Complex

Address:
Godavari Global University
NH-16, Sri Chaitanya Knowledge City
Rajahmundry, East Godavari District
Andhra Pradesh, India - 533296

Tourist Spots in Rajahmundry

Maredumilli

The Maredumilli forests are rich in biodiversity which form part of the Eastern Ghats. The tourism area is on Maredumilli – Badrachalam road, nearly 4kms away from Maredumilli village. The Jungle star campsite is located adjoining the Valamuru River with the stream flowing on 3 sides overlooking the Vali-Sugriva konda which is believed to be the battle ground of Vali-Sugriva during the Ramayana period. A rest house named 'Abhayaranya Forest' which was constructed in 1914, with all the facilities is in Maredumilli village. Suites are available here for stay of tourists.

Pushkar Ghat in Rajamahendravaram (Rajahmundry) is a sacred and serene bathing ghat on the banks of the Godavari River, revered by pilgrims who believe its waters cleanse sins, especially during the Pushkaram festival. Each evening, vibrant Godavari āratī ceremonies light up the riverside with lamps and chants—an unforgettable cultural experience. Pushkar Ghat is also seeing upliftment under the 94 crore Akhanda Godavari tourism project, slated to transform the ghat into a spiritual tourist hub by 2027.

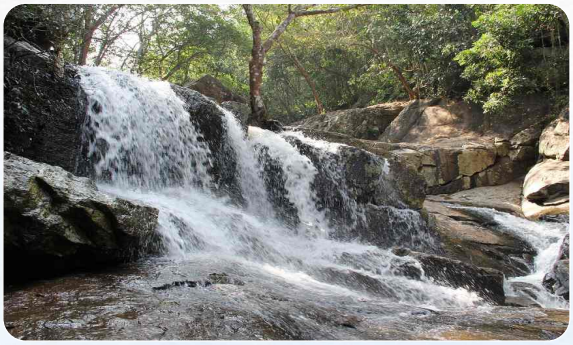
Pushkar Ghat

ISKCON Temple

The ISKCON temple was constructed in 2005 and formally opened on August 9, 2006, on a two-acre site beside the sacred Godavari River at Gowthami Ghat. It is the second-largest ISKCON temple in South India after Bangalore and among the largest in the region. The temple's sanctum is dedicated to deities including Sri Sri Radha Gopinath, Jagannath-Baladeva-Subhadra, Govinda Srinivasa, as well as Krishna Chaitanya and Nityananda, arranged to represent the four cardinal directions and encircled by depictions of the ten incarnations of Lord Vishnu (Dasavatara)

It is an oasis of enchanting beauty, peace and tranquility that is a dream tour destination for all. One can have a glance at the surrounding countryside travelling by a bus or a train or boat. It is one of the most fertile lands; this area is known for its magnificent landscape, swaying coconut and palm trees. It is also rich in greenery and artistic temples. Another important aspect is its cuisine with a tasteful blend of local spices and fresh seafood.

Konaseema



Rampachodavaram

Rampachodavaram, nestled in the Eastern Ghats, is renowned for its dense forests and pristine waterfalls.The region offers breathtaking natural beauty, making it a perfect escape for nature enthusiasts.A jeep ride through the thick jungle trails is an adventurous and unforgettable experience.These off-road journeys take visitors deep into the heart of nature, far from the noise of urban life.The waterfalls here, especially after the monsoon, are a mesmerizing sight to behold.Located about 82 kilometers from Kakinada, the district headquarters, it is easily accessible by road.

Dowleswaram Barrage is a significant irrigation structure built across the Godavari River near Rajamahendravaram in Andhra Pradesh. Constructed by the British engineer Sir Arthur Cotton in the 19th century, the barrage played a crucial role in transforming the region into a fertile agricultural hub. It regulates water flow for irrigation, serving vast areas of the Godavari delta. The site also holds historical and engineering importance and is a popular tourist attraction. Visitors are drawn to its scenic beauty, especially during the monsoon, when the river flows in full glory.

Dowleswaram Barrage

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