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Two-Day International Conference

on

“Emerging Technologies for Sustainable Coastal
Development and Blue Economy
Entrepreneurship @VVB2047”

24th & 25th, October, 2025



Jointly Organized by

**Kalinga Institute of Industrial Technology (KIIT) &
Kalinga Institute of Social Sciences (KISS)**
Deemed to be University, Bhubaneswar,
Odisha, India

Sponsored by:

**Indian Council of Social Science Research,
New Delhi**

About the Conference:

The International Conference on Emerging Technologies for Sustainable Coastal Development and Blue Economy Entrepreneurship @VVB2047 seeks to explore the transformative potential of cutting-edge technologies in fostering resilient, inclusive, and sustainable growth along India's coastal regions. Aligned with the vision of Viksit Bharat 2047, the conference will bring together researchers, policymakers, innovators, and coastal community leaders to discuss the integration of technologies such as marine biotechnology, AI-driven coastal monitoring, renewable ocean energy, and smart maritime infrastructure. aims to bring together researchers, engineers, and industry experts to explore innovative technologies for detecting, monitoring, and analyzing submerged seaweed ecosystems. This conference will be a platform to discuss state-of-the-art methods, AI-driven solutions, and sensor technologies for marine vegetation mapping, environmental monitoring, and sustainable aquaculture. Emphasis will be placed on fostering blue economy entrepreneurship, climate-resilient livelihoods, sustainable fisheries, and circular economy practices. By showcasing innovative models, community-led initiatives, and policy frameworks, the conference aims to promote technology-enabled solutions for coastal conservation and economic empowerment, ensuring long-term ecological balance and prosperity for coastal communities.

About the Institution

KIIT (Kalinga Institute of Industrial Technology) and KISS (Kalinga Institute of Social Sciences), founded by Dr. Achyuta Samanta in Odisha, exemplify a unique blend of quality education and social responsibility. KIIT is a premier private university known for its excellence in engineering, law, medicine, and management, promoting research, innovation, and global academic collaboration.

KISS is the world's largest residential education institution for tribal students, offering free education from kindergarten to postgraduate levels. It empowers over 30,000 indigenous students, integrating cultural heritage with modern education to foster sustainable development and leadership within tribal communities.

Together, KIIT and KISS champion inclusive growth, bridging traditional knowledge and modern skills to transform education into a tool for socioeconomic progress.



***Last date for abstract submission: 30th July, 2025**

***Last date of full paper submission: 28th August, 2025**

Submission Details of Abstract:

Font Style: Times New Roman

Font Size: 12-point

Line Spacing: 1.5

Text Alignment: Justified

Abstract Word Count: Not exceeding 250 words

Keywords: 4-6

Manuscript Length: 5000 – 7000 words

(Including Table and References)

Abstract Submission Link:

<https://forms.gle/QVmfhaY2PS65xCq6>

Selected quality papers in the conference will be considered for the publication in an edited book with ISBN.

Registration Fess

* Academician: INR 2000

* Research scholar: INR 1000

* International Delegates: 50 USD

Account Holder:

Account Number : 50100337709122

IFSC Code : HDFC0003951

Name of Bank : HDFC Bank

Branch Details : KIIT Campus-5, KIMS Branch,
KIIT Deemed to be University,
Pata, Bhubaneswar-751024

Theme: Emerging Technologies for Sustainable Coastal Development and Blue Economy Entrepreneurship @VVB2047

Sub-Theme 1: Livelihoods, Entrepreneurship, and Innovation

- Seaweed Farming as a Tool for Coastal Livelihood Enhancement
- Value-Added Products from Seaweed: Food, Cosmetics, Biofuels, and Pharmaceuticals
- Entrepreneurship Models in the Blue Economy: Startups and Community Enterprises
- Women's Empowerment and Youth Participation in Seaweed-Based Livelihoods
- Training, Capacity Building, and Technology Transfer for Coastal Communities

Sub-Theme 2: Bio prospecting of Sea weeds

- Sea weeds for environmental bioremediation
- Sea weed micro biome for disease prevention and growth promotion in plants
- Sea weed in carbon sequestration
- Omics approach in Sea weed biotechnology

Sub-Theme 3: AI and machine learning for underwater vegetation recognition

- Advanced sonar, LiDAR, and hyperspectral imaging for seaweed detection
- Autonomous underwater vehicles (AUVs) and remote sensing technologies
- Oceanographic data fusion and deep-sea monitoring strategies
- Applications of bio-inspired Robotics in Underwater Exploration
- Environmental impact assessment and conservation strategies

