

RESOURCE PERSON

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Scientist-F, National Institute of Ocean Technology (NIOT), Ministry of Earth Sciences, Chennai.

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CHIEF PATRONS

Dr. T.R. Paarivendhar, Chancellor, SRMIST.

Dr. P.Ravi Pachamoothoo, Pro-Chancellor (Admin), SRMIST.

Dr. P.Sathyanarayanan, Pro-Chancellor (Academics), SRMIST.

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Dr. B.Neppolian, Dean (Research), SRMIST.

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Assistant professor, Networking and Communications, SRMIST.

TARGET AUDIENCE

- Research Scholars

- Faculty Members

- Professionals from Industry

REGISTRATION DETAILS

Registration Link : <https://www.aicte-india.org/atal>

***No fees for registration.**

CONTACT DETAILS

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SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
SCHOOL OF COMPUTING
DEPARTMENT OF NETWORKING AND COMMUNICATIONS

A NATIONAL SEMINAR
ON

THE RISE OF BLUE FINANCE
(TAMIL)

UNDER
AICTE VAANI 2025-26 SCHEME



10th to 12th September 2025

VENUE

TP404 & 405, Smart Room
4th Floor, Techpark 1.

ORGANIZED BY

Department of Networking and Communications
School of Computing
College of Engineering and Technology (CET)
SRM Institute of Science and Technology,
Kattankulathur - 603 203.



ABOUT THE INSTITUTION

SRM Institute of Science & Technology was initially started as SRM Engineering College in the academic year 1985-1986 at Kattankulathur, Kancheepuram District, Tamil Nadu. SRMIST was established in the year 2003 and the Faculty of Engineering and Technology (E&T) was carved out, which now consists of all the schools and departments related to Engineering and Technology including Architecture and Interior Design in four different campuses namely Kattankulathur, Ramapuram, Ramapuram Part and Modinagar (near New Delhi). The other faculty under SRMIST includes Medical & Health Sciences, Science and Humanities, Management, Law and Agriculture Sciences. The main sylvan campus of Kattankulathur consists of a lush green environment with a built up area of 1,70,000sq.m for Laboratories, Workshops, Library, Classrooms, Technology Parks etc. Excellent infrastructure and world class facilities in the institution help the students and faculty members to pursue their research in an efficient manner. For further information about our institution, please visit the following **URL: www.srmist.edu.in**.

ABOUT THE DEPARTMENT

Department of Networking and Communications under School of Computing intend to meet the expectations of the aspiring students and to add more value to the degrees offered. The Department ensures to provide quality and value-laden education for students in the traditional and contemporary areas of Cloud Computing, Computer Networks, Cyber Security, Information Technology and Internet of Things. The programs are introduced in partnership with reputed IT companies. The department consists of a medley of faculty members with industrial and academic experience. The Department's keen focus is towards "networks" domain specific and specialization-based placement drives for its students. The department inculcates entrepreneurial skills in budding aspirants to pitch their innovative ideas through SRM Innovation and Incubation Center. Our International and alumni connect intrigue in bridging the gap between the trio: Academics - Industry - Research.

ABOUT THE SEMINAR

The Seminar titled "The Rise of Blue Finance" funded under AICTE VAANI 2025-26 scheme is to disseminate knowledge and strengthen the learning process through the medium of Indian

languages, thus becoming a necessity to achieve the Viksit Bharat 2047 dream. The programme aims to strengthen academic understanding of emerging sectors in the regional language. In line with India's commitment to harnessing marine resources for inclusive growth, this seminar aims to sensitise and equip students, faculty, and researchers with the knowledge and skills necessary to explore financial, technological, and ecological aspects of ocean-based sectors. This interdisciplinary program is intended to help faculty members build capacity to teach and research the pressing issues related to coastal resilience, ocean technologies, blue tourism, and sustainable finance. It also offers an excellent platform for academic-industry exchange and future collaboration.

ABOUT AICTE VAANI 2025-26 SCHEME

The Census of India identifies 122 main languages and 1,599 other languages, with 30 languages spoken by over a million native speakers throughout various regions of India. Disseminating knowledge and enhancing the learning experience through Indian languages is essential for realising the Viksit Bharat 2047 vision. To enhance the quality of technical education in Indian languages, AICTE has inaugurated the VAANI (Vibrant Advocacy for Advancement and Nurturing of Indian Languages) 2025-26 scheme to offer a platform for academics and professionals to exchange information, experiences, ideas, and inventions in their regional language.

OBJECTIVES

- To introduce participants to emerging concepts and practices in the Blue Economy through interactive sessions conducted in the regional language (Tamil), ensuring inclusive and effective knowledge transfer.
- To provide deep insights into new-age marine technologies such as marine robotics, underwater wireless communication, and sensor networks, with explanations contextualized in the regional language for better comprehension.
- To create awareness about the ecological impacts of ocean exploitation and promote strategies for sustainable development, using case studies and real-world examples communicated in the regional language for local relevance.

- To highlight the importance of coastal resilience and climate adaptation, particularly in the context of Tamil Nadu's coastline, by fostering dialogue in the regional language to enhance accessibility and community engagement.

TOPICS COVERED

1. Deep Sea Technology
2. Sustainable Aquaculture
3. Blue Renewable Energy
4. Ocean Pollution Management
5. Marine Robotics and Automation
6. Coastal Resilience
7. Deep-Sea Mining
8. Blue Carbon
9. Growth of Blue Tourism
10. Underwater Wireless Communication and Sensor Network

EXPECTED OUTCOMES

By the end of the seminar, participants will:

- Be encouraged to publish research papers in Indian languages, thereby contributing to the growing body of technical literature accessible to regional audiences.
- Generate innovative ideas and strategic roadmaps for future projects in Blue Economy sectors, fostering interdisciplinary and multilingual research avenues.
- Contribute to content creation in Indian languages in the fields of marine science, sustainable finance, and coastal technologies, making technical knowledge more inclusive.
- Initiate or strengthen collaborations between academic institutions and industry partners, with a focus on regional language integration for community engagement and local impact.
- Participate in the development of a knowledge base in Indian languages, ensuring that the latest global and national developments are translated and disseminated effectively.
- Actively support the promotion of Indian languages in technical education, aligning with national educational policies and AICTE's vision for inclusive growth.