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Dr. Ahmed Patel	Professor, Computer Networks and Security Laboratory (LARCES), Faculty of Computer Science State University of Ceara (UECE) Fortaleza, Brazil.
Dr.P.Srivaramangai	Rector / President, Bluecrust University College, Cogno Town, Monrovia, Liberia.
Dr. Thirumurugan Shanmugam	Head of Computer Networks, Department of Information Technology, University of Technology and Applied Sciences Suhar, Sultanate of Oman.
Dr. Jibitesh Mishra	Professor & Head Information Technology Odisha University of Technology and Research, Bhubaneswar.
Dr. Baseera A	Senior Assistant Professor VIT University, Bhopal.
Dr. Jyothi Thomas	Professor Department of Computer Science And Engineering School Of Engineering And Technology Christ University, Bangalore.
Dr. G. Zayaraz	Professor and Head, Puducherry Technological University, Puducherry.

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STET Group of Institutions

PATRON

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PRINCIPAL,
S.T.E.T Women's College (Autonomous).

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Research Advisor
PG and Research Department of Computer Science

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Dr. V.Geetha, M.Sc., M.Phil., Ph.D., B.Ed.,
Associate Professor and Head
STET Women's College (Autonomous)
PG and Research Department of Computer Science

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INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING: TRENDS AND INSIGHTS

Organized by
PG AND RESEARCH DEPARTMENT OF
COMPUTER SCIENCE
in association with
INTERNAL QUALITY ASSURANCE CELL

During
September 24th & 25th 2025



Sengamala Thayaar Educational Trust Women's College
(Autonomous)

(SILVER JUBILEE INSTITUTION)

(Affiliated to Bharathidasan University, Tiruchirappalli)
(Accredited by NAAC / An ISO 9001:2015 Certified
Institution) (Ranked in NIRF 2024)

SUNDARAKKOTTAI, MANNARGUDI - 614 016.

THIRUVARUR (Dt.), TAMIL NADU, INDIA.

Phone: 04367-255423, Website: www.stet.edu.in

VENUE: Conference Hall, Vivekanandham Block

TIME : 10.00 a.m.

ABOUT THE INSTITUTION

“Empowering women: Empowering the Nation”. Higher education, especially to women, empowers not only the family but also emphasized as a mission of capacity building of the nation. The significance of this aspect has been rightly recognized and there has been a paradigm shift in the scenario of women education in the urban. Nevertheless, higher education to women in the rural area needs encouragement, because the main source of income is agriculture and per capita income is relatively very low. In this context, Sengamala Thayar Educational Trust Women’s College was established at Sundarakkottai, a hamlet in Thiruvarur district, in the year 1994 by Shrimathi Krishnaveni Vivekanandham, who entrusted the task of nurturing the institution to her illustrious son Dr.V.Dhivaharan now as the Correspondent with yonder vision for promoting higher education to women students in this downtrodden area. The institution offers 16 UG, 13 PG, 4 Ph.D. and PG Diploma course. Sengamala Thayar Educational Trust Women’s College is recognized as one of the foremost educational Institutions in India, affiliated to Bharathidasan University, Tiruchirappalli. It has been accredited by NAAC and it is an ISO 9001:2015 Certified Institution. The institution has attained Autonomous in the year 2020 and has attained ranking in NIRF 2024. The Government sanctioned NCC (SW) unit for our college through FSFS scheme. Central Government Scheme Deen Dayal Upadhaya Grameen Kaushalya Yoana (DDU-GKY) is being conducted to train school dropout students.

ABOUT THE DEPARTMENT

Our Department established in the year 1994 with the course B.Sc., CS. We offers other programs such as M.Sc., computer science, M.Sc., Information Technology and we started research programmes M.Phil & Ph.D from 2011 and B.Sc., AI & ML from 2024. So far we have produced 3,560 Undergraduates, 1372 Postgraduates, 109 M.Phil scholars, and 11 Ph.D., Scholars. We produced 519 University Ranks and 23 Gold Medals. Our esteemed alumni have secured prominent positions in renowned institutions and organizations.

THEME OF THE CONFERENCE

Generative Artificial Intelligence (AI) is revolutionizing various industries by enabling creative and intelligent automation across domains such as content creation, design, healthcare, education, and beyond. This two-day international conference aims to provide participants with an in-depth understanding of the latest advancements in Generative AI, its tools, and the vast opportunities it offers.

The conference will bring together AI experts, academicians, industry professionals, and researchers to explore cutting-edge AI models, applications, and best practices.

CALL FOR ABSTRACTS

Abstract of original and ongoing researches in relevant areas are invited from PG students, Research scholars, Academicians, Teaching faculty members and scientists. The abstracts are to be submitted in the following format. **Length:** Not exceeding 250 words with key words, **Font:** Times New Roman: Size-12 with 1.5 Spacing, **Title page:** Manuscript title, author(s), affiliation(s). The corresponding author should be underlined. The abstract and Power point presentation should be sent to email only

email id: stetcsconference2025@gmail.com

Core Areas of AI & ML

Supervised, Unsupervised & Reinforcement Learning
Deep Learning Architectures (CNN, RNN, Transformers, GANs)
Explainable AI (XAI) & Interpretability
Federated Learning & Edge AI
AI Algorithms and Optimization Techniques
AI Applications in Real-World Domains
AI in Healthcare, Biomedical Imaging & Drug Discovery
AI for Finance, Business Analytics & Risk Prediction
AI in Agriculture, Smart Cities & Environmental Sustainability
AI in Education, Personalized Learning & EdTech
AI for Space, Defense, and Aerospace Applications
Emerging Trends in AI & ML
Generative AI & Foundation Models
Multimodal AI & Human-Centric AI
AI and Internet of Things (AIoT)
Neuromorphic Computing & Brain-Inspired AI
Quantum Machine Learning
Data Science, Big Data & Analytics
Big Data Processing & Cloud-based AI
Natural Language Processing (NLP) & Large Language Models
Computer Vision & Image Recognition
Speech & Audio Signal Processing
Time Series Forecasting & Predictive Analytics
Ethical, Legal & Social Aspects of AI
Responsible & Trustworthy AI
AI Governance, Policy & Regulations
AI and Cybersecurity
Ethical Implications of Generative AI
AI in Manufacturing & Industry 4.0
AI for Robotics & Autonomous Systems
Smart Sensors & Edge Computing in AI Systems
AI for Climate Change, Energy & Sustainability
Human-AI Collaboration & Cognitive Systems

IMPORTANT DATES

Last date for abstract submission : 12.09.2025
Submission of Full Paper : 18.09.2025

REGISTRATION LINK: <https://forms.gle/1P584oor2JCGDtXYA>

Student : Rs.500/-
Research Scholar : Rs. 600/-
Scientists/ Faculty Members : Rs. 700/-
Corporate Members : Rs. 800/-
Participants only : Rs 250/- **Gpay number: 7094062586**



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**PG AND RESEARCH DEPARTMENT OF
COMPUTER SCIENCE**
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Name :
Designation :
Institution Address :
Mobile No. (Whats App) :
Email Id :
Registration Category (Tick) Participants / Presentation
Details of the Payment (Tick): DD/ Online/ G-pay
Amount :
DD Number :
Bank Name :
Branch :
Date :

Signature

(Photocopies of the Registration form can be used)

For Further Details Contact:

Dr.V.Geetha

CONVENOR AND ORGANIZING SECRETARY

Contact: 9626010931