



**SENGAMALA THAYAAR EDUCATIONAL TRUST WOMEN'S COLLEGE,
(AUTONOMOUS)
(Affiliated to Bharathidasan University, Thiruchirappalli)
(Accredited by NAAC)
SUNDARAKKOTTAI, MANNARGUDI.- 614016**

**PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE
INVITATION**

ORGANIZING COMMITTEE CHIEF PATRON Dr.V.Dhivaharan, M.Sc., D.E.M., Ph.D CORRESPONDENT, STET Group of Institutions PATRON Dr. N. Uma Maheswari, M.Sc., Ph.D., B.Ed., PRINCIPAL, S.T.E.T Women's College (Autonomous) CONVENOR Dr.M.V.Srinath, M.C.A., Ph.D Research Advisor PG and Research Department of Computer Science ORGANISING SECRETARY Dr.V.Geetha, M.Sc., M.Phil., B.Ed.,Ph.D Associate Professor & Head, PG and Research Department of Computer Science EXECUTIVE COMMITTEE Dr.R.Anitha, M.Sc., M.Phil., Ph.D., Associate Professor Dr.R.Manjupargavi, M.Sc., M.Phil., B.Ed. SET, Ph.D., Assistant Professor Ms.N.Subhalakshmi, M.Sc., M.Phil.(Ph.D) Assistant Professor Dr.K.Savima, M.Sc., M.Phil, Ph.D., Assistant Professor Ms. C.Jasmine, M.Sc., M.Phil, Assistant Professor Ms.V.Mangaiyarkarasi, M.C.A., M.Phil, Assistant Professor Ms.G.Geetha, M.Sc., M.Phil, M.Tech Assistant Professor Ms.S.Keerthika, M.Sc., M.Phil, Assistant Professor Ms.R.Akilandeswari, M.Sc., M.Phil, UGC-NET Assistant Professor Ms.V. Akilandeswari, M.Sc., M.Phil, Assistant Professor Ms.A.Indhuja, M.C.A., M.Phil, Assistant Professor Dr.P.Punithalakshmi, M.Sc., M.Phil, Ph.D Assistant Professor Ms.K.Lalithadevi, M.Sc., M.Phil, Assistant Professor Ms.K.Buvaswari, M.Sc., M.Phil, Assistant Professor Ms.V.Buvaswari, M.Sc., M.Phil, Assistant Professor	 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) SUNDARAKKOTTAI, MANNARGUDI - 614 016. THIRUVARUR (Dist.), TAMIL NADU, INDIA. Website : www.stet.edu.in Phone: 04367-255423 INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING: TRENDS AND INSIGHTS ORGANIZED BY PG AND RESEARCH DEPARTMENT OF COMPUTER SCIENCE IN ASSOCIATION WITH IQAC VENUE: CONFERENCE HALL, VIVEKANANDHAM BLOCK DATES : 24.09.2025 & 25.09.2025 TIME : 10.00 a.m. 
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DAY 1: 24.09.2025 (WEDNESDAY) Registration: 8.30 a.m - 9.30 a.m INAUGURAL SESSION: 10.00 a.m - 11.15 a.m • TAMIZHTHAI VAZHTHU • LIGHTING THE LAMP • WELCOME ADDRESS • INAUGURAL ADDRESS • PRESIDENTIAL ADDRESS • HONOURING & RELEASING THE ABSTRACT • KEYNOTE ADDRESS TEA BREAK (11.15 am - 11.30 am) TECHNICAL SESSION - I (11.30 am - 01.00 pm) Title: Generative AI Models and Tools with their significance Dr. M. SELVAKUMAR SAMUEL, Associate Professor, Asia Pacific University of Technology and Innovation, Malaysia.  LUNCH : 1.00 pm - 1.45 pm TECHNICAL SESSION - II (1.45 pm - 03.00 pm) Title: Analysis on impact of AI Tools in IT Jobs Mr. ANAND RAMU, Project Leader and Consultant, TECH MAHINDRA, USA 	DAY 2: 25.09.2025 (THURSDAY) TECHNICAL SESSION - III (11.30 am - 01.00 pm) Title: AI Applications in Real World Domains Dr. R. SHANMUGAM, Assistant Professor & Head, Department of Computer Science, Dr. Kalaingar M Karunanidhi Government of Institute for Post Graduate studies & Research, Karaikkal.  LUNCH : 01.00 pm - 1.45 pm VALEDICTORY SESSION 02.00 pm - 3.00 pm VALEDICTORY ADDRESS Dr. M. SUGHASINY, Associate Professor & Head. Department of MCA School of Computer Applications Dhanalakshmi Srinivasan University, Samayapuram, Trichy.  NATIONAL ANTHEM 
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AGENDA

**SENGAMALA THAYAAR EDUCATIONAL TRUST WOMEN'S COLLEGE
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SILVER JUBILEE INSTITUTION

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**Sundarakkottai, Mannargudi- 614016, Thiruvavur (Dt),
Tamil Nadu, South India.**

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

organized by

**PG AND RESEARCH DEPARTMENT OF COMPUTER
SCIENCE**

IN ASSOCIATION WITH IQAC

24-09-2025 & 25-09-2025

VENUE: CONFERENCE HALL, VIVEKANANDHAM BLOCK **TIME :** 10.00 A.M

PROGRAMME SCHEDULE

INAUGURAL SESSION (10.00 A.M TO 11.15 A.M)

Thamizh Thai Vazhthu

Invocation : Dignitaries

Welcome Address : **Dr. V. GEETHA**, Associate Professor & Head,
PG and Research Department of Computer Science,
S.T.E.T Women's College(Autonomous),
Sundarakkottai, Mannargudi.

Inaugural Address : **Dr. N. UMA MAHESWARI**, Principal,
S.T.E.T Women's College(Autonomous),
Sundarakkottai, Mannargudi.

Presidential Address : **Dr. K. THIYAGESAN**, Academic Advisor,
S.T.E.T Women's College(Autonomous),
Sundarakkottai, Mannargudi.

HONORING & ABSTRACT RELEASE

Chief guest Introduction : **Dr. R. MANJUPARGAVI**, Assistant Professor,
PG and Research Department of Computer Science.

Keynote Address : **Dr. M. SELVAKUMAR SAMUEL**, Associate Professor,
Asia Pacific University of Technology and Innovation,
Malaysia.

TEA BREAK - (11.15 A.M TO 11.30 A.M)

TECHNICAL SESSION I (11.30 A.M TO 1.00 P.M)

Invited Talk : **Dr. M. SELVAKUMAR SAMUEL**, Associate Professor,
Asia Pacific University of Technology and Innovation,
Malaysia.

PAPER PRESENTATION -1 I FLOOR OPEN SOURCE LAB

LUNCH BREAK - (1.00 P.M TO 1.45 P.M)

TECHNICAL SESSION II (1.45 P.M TO 3.00 P.M

VENUE : CONFERERNC E HALL

Chief guest Introduction : **Ms. C.JASMINE**, Assistant Professor,
PG and Research Department of Computer Science,

Invited Talk : **Mr. ANAND RAMU**, Project Leader and Consultant,
TECH MAHINDRA, USA.

PAPER PRESENTATION -2 I FLOOR OPEN SOURCE LAB

DAY II (25.09.2025)

TIME : **10.00 A.M**

VENUE : **CONFERENCE HALL & I FLOOR OPEN SOURCE LAB**

Welcome Address

: **Ms. N. SUBHALAKSHMI**, Assistant Professor,
PG and Research Department of Computer Science.

Chief guest Introduction

: **Ms. G.GEETHA**, Assistant Professor,
PG and Research Department of Computer Science.

Keynote Address

: **Dr. R. SHANMUGAM**, Assistant Professor & Head,
Department of Computer Science,
Dr. Kalaignar M Karunanidhi Government of Institute for
Post Graduate studies & Research, Karaikkal.

TEA BREAK - (11.00 A.M TO 11.30 A.M)

TECHNICAL SESSION III (11.30 A.M TO 1.00 P.M)

**VENUE : CONFERENCE HALL
PAPER PRESENTATION - 3
I FLOOR OPEN SOURCE LAB**

LUNCH BREAK - (1.00 P.M TO 1.45 P.M)

VALEDICTORY SESSION

(2.00 P.M TO 3.00 P.M)

Welcome Address

: **Dr. K. SAVIMA**, Assistant Professor,
PG and Research Department of Computer Science.

Valedictory Address

: **Dr. M. SUGHASINY**, Associate Professor & Head.
Department of MCA School of Computer Applications
Dhanalakshmi Srinivasan University, Samayapuram,
Trichy.

Report

: **Dr. V. GEETHA**, Associate Professor & Head.
PG and Research Department of Computer Science.

CERTIFICATE DISTRIBUTION

Vote of Thanks

: **Dr. R. ANITHA**, Associate Professor,
PG and Research Department of Computer Science.

NATIONAL ANTHEM

SNAP SHOT



Report on Two-Day International Conference

“Artificial Intelligence and Machine Learning: Trends and Insights”

The Department of Computer Science organized a Two-Day International Conference on **“Artificial Intelligence and Machine Learning: Trends and Insights”** in association with the Internal Quality Assurance Cell (IQAC) on **24th and 25th September 2025**. The conference was conducted with the objective of providing a platform for academicians, researchers, industry experts, scholars, and students to discuss recent developments, innovations, challenges, and future directions in the rapidly evolving domains of Artificial Intelligence (AI) and Machine Learning (ML). The programme commenced with a formal inaugural session attended by faculty members, research scholars, students, and invited delegates from various institutions. The session began with the traditional invocation followed by the welcome address delivered by the organizing committee. The dignitaries highlighted the importance of Artificial Intelligence and Machine Learning in transforming modern society, industries, healthcare, education, agriculture, business analytics, automation, and communication systems. The speakers emphasized that AI and ML are becoming integral parts of technological advancement and are shaping the future of digital transformation across the globe.

The conference featured eminent academicians and industry professionals as resource persons. The first keynote address was delivered by M. Selvakumar Samuel, Associate Professor at Asia Pacific University of Technology and Innovation. He delivered an insightful lecture on the latest trends and research opportunities in Artificial Intelligence and Machine Learning. He elaborated on the role of AI in predictive analytics, smart applications, intelligent systems, robotics, and data-driven decision-making. He also explained how machine learning algorithms are widely used in real-time applications such as healthcare diagnostics, autonomous systems, financial forecasting, and smart city management. His presentation provided international perspectives on AI research and inspired participants to explore innovative research areas.

The second technical session was handled by Anand Ramu, Project Leader and Consultant at Tech Mahindra, USA. He shared valuable industry-oriented insights into the practical implementation of Artificial Intelligence technologies in corporate environments. He discussed the growing demand for AI professionals, cloud computing integration, automation technologies, cybersecurity challenges, and the importance of data science skills in the IT industry. He also explained how multinational companies are adopting machine learning models for business intelligence, customer relationship management, and intelligent

automation. The session was highly interactive and motivated students to acquire industry-relevant technical competencies.

On the second day of the conference, R. Shanmugam delivered an informative session focusing on academic research in Artificial Intelligence. He discussed various AI techniques, neural networks, natural language processing, deep learning methodologies, and recent research advancements in intelligent computing systems. He also explained the ethical challenges and social impact associated with Artificial Intelligence technologies. His lecture helped participants understand the significance of responsible AI development and ethical computing practices.

Another important session was conducted by M. Sughasiny from Dhanalakshmi Srinivasan University. She delivered a detailed presentation on Machine Learning applications and emerging technologies in higher education and research. She highlighted the role of AI-powered educational tools, intelligent learning systems, data mining, and smart applications in modern education. She also encouraged students and researchers to actively participate in interdisciplinary research activities related to Artificial Intelligence and Data Science.

The conference included paper presentation sessions in which research scholars, faculty members, and students presented research papers on various topics related to Artificial Intelligence, Machine Learning, Data Analytics, Deep Learning, Internet of Things (IoT), Cybersecurity, and Cloud Computing. The sessions encouraged intellectual discussions and knowledge sharing among participants. The conference also created opportunities for networking and collaboration between academia and industry experts.

Throughout the programme, the participants actively interacted with the resource persons and clarified their doubts regarding research methodologies, industrial expectations, emerging technologies, and career opportunities in AI and ML domains. The conference greatly enhanced the knowledge and technical understanding of participants and motivated them to pursue innovative research and professional development in the field of Artificial Intelligence and Machine Learning.

The valedictory session was held at the end of the second day. The organizers expressed their gratitude to the management, IQAC coordinators, resource persons, faculty members, organizing committee members, student volunteers, and participants for contributing to the grand success of the conference. Certificates were distributed to participants and paper presenters. The conference concluded successfully with positive feedback from all attendees, who appreciated the informative sessions and the opportunity to learn from distinguished experts from academia and industry.

Overall, the Two-Day International Conference on “**Artificial Intelligence and Machine Learning: Trends and Insights**” served as an excellent academic platform for enhancing knowledge, promoting research culture, and understanding recent technological advancements in Artificial Intelligence and Machine Learning. The programme successfully fulfilled its objective of bridging the gap between theoretical learning and practical industrial applications while encouraging innovation, research, and collaborative learning among students and faculty members.