



சக்தி அறக்கட்டளை
EDUCATIONAL TRUST

PANIMALAR ENGINEERING COLLEGE

AI&ML DEPARTMENT MAGAZINE

SYNAPZ'26
2025-2026

Message From Our Pillars of Guidance

My sincere thanks go out to everyone who contributed to Synapz'26, the Department Magazine. This edition highlights the many advancements across various fields and reflects the genuine talents, creativity, and hard work of both our students and faculty members. The magazine serves as a platform that captures the spirit of growth, innovation, and excellence, guiding the department toward a promising future.

**-Dr.P.Chinnadurai, M.A., M.Phil, Ph.D
Secretary & Correspondent,
Panimalar Group of Institutions**



Message From Our Pillars of Guidance

I am pleased to present Synapz'26, the AIML department magazine of Panimalar Engineering College. This edition reflects the department's dedication to academic excellence and innovation in Artificial Intelligence and Machine Learning.

I appreciate the efforts of the faculty and students in bringing out this magazine and wish them continued success in all their endeavours.

-Mrs.C.Vijayarajeswari
Director,
Panimalar Group of Institutions



Message From Our Pillars of Guidance

The dreams that once lived only in imagination have now unfolded into reality in this era shaped by intelligent machines and modern computing. Synapz'26 reflects this transformation by providing guidance, inspiration, and knowledge to every learner. This magazine aims to enrich students, build confidence, and open doors to the evolving world of Artificial Intelligence and Machine Learning.

May this edition encourage our learners to explore, innovate, and move toward excellence.

-Dr. C. Sakthi Kumar M.E, Ph.D
Director,
Panimalar Group of Institutions



Message From Our Pillars of Guidance

As we continue to march ahead with unwavering dedication towards nurturing holistic development, I am delighted to address you through the pages of our esteemed magazine. This magazine showcases the immense talent and creativity that thrives within our college community. Our college has always placed a strong emphasis on providing a well-rounded education that goes beyond textbooks and classrooms.

**-Dr. Saranya Sree Sakthi Kumar B.E,M.B.A,Ph.D.
Director,
Panimalar Group of Institutions**





FROM THE DESK OF PRINCIPAL

I am happy to present Synapz'26, the AIML Department Magazine of Panimalar Engineering College. This edition highlights the activities, achievements, and innovations of our vibrant Department. I am sure readers will enjoy the creativity and dedication reflected in every page.

May this magazine continue to keep us informed about the progress and growth of the AIML department in the years ahead. I congratulate the Head of the Department, faculty members, and students for their sincere effort in publishing this edition.

-Dr.K.Mani M.E, Ph.D
Principal,
Panimalar Engineering College



FROM THE DESK OF HOD

I am pleased to extend my warm wishes to the AIML Department on the release of Synapz'26. This magazine reflects the dedication, creativity, and collective effort of our students and faculty. It captures the essence of our department's achievements and the enthusiasm that drives our academic and co-curricular activities.

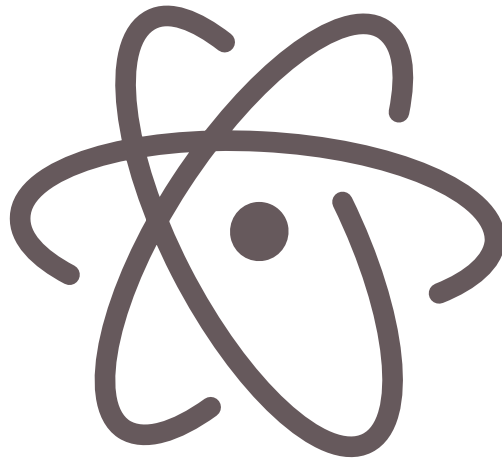
My sincere appreciation to the editorial team and all contributors for shaping this edition with commitment and clarity. I wish every reader an inspiring and engaging experience as they explore Synapz'26.

-Dr.B.Anni Princy M.E, Ph.D.,
Head of the Department
AI&ML
Panimalar Engineering College

EDITOR'S NOTE

We are pleased to present Synapz'26, the AIML department magazine of Panimalar Engineering College. This edition highlights the creativity, achievements, and hard work of our students and faculty.

My sincere thanks to everyone who contributed to this magazine. I hope Synapz'26 inspires and informs every reader.



Chief Editor : Dr. B. Anni Princy, M.E., Ph.D., Head of the Department
Faculty Editor : Mrs.M.Bharani(Assistant Professor)
Ms.E.Venitha(Assistant Professor)
Student Editor: Yukan Raj Annamalai J. (III AIML–B)



VISION

To be a center of excellence in the field of Artificial Intelligence and Machine Learning applications through appropriate use and diffusion of emerging techniques.

MISSION

M1:To develop students with strong capabilities in Artificial Intelligence by continuously enhancing teaching and learning with state-of-the-art technologies.

M2:To provide high-quality, value-based education to gain competence in Artificial Intelligence and Machine learning in terms of research and innovation activities.

M3:To implement engineering solutions for the benefit of society by the use of AI and ML.

Programme Educational Objectives(PEOs)

PEO 1: To perform well in their professional career by acquiring enough knowledge in the domain of Artificial Intelligence and Machine Learning.

PEO 2: To enable graduates to research, design and implement AI/ML products and services with effective Communication and Entrepreneurial Skills.

PEO 3: To modernize the students with evolving technology and use it for career advancement.

Programme Specific Outcomes (PSOs)

- ***PSO1: Professional Skills:***

To develop models in Data Science, Machine learning, Deep learning and Big data technologies, using AI and modern tools.

- ***PSO2: Problem-Solving Skills:***

To create solutions for interdisciplinary AI problems through acquired programming knowledge in the respective domains fulfilling with real-time constraints.

- ***PSO3: Successful Career and Entrepreneurship:***

Able to take up higher studies, Research & Development and Entrepreneurships in Artificial Intelligence and Machine Learning with ethical values.

Table of Contents



1

Faculty Achievements

2

Students Achievements

3

Events Held

4

Student Gallery

FACULTY ACHIEVEMENTS

The images highlight the outstanding achievements of Panimalar Engineering College faculty. Many members earned Azure DevOps certification through SWAYAM Plus, showcasing their technical excellence. The PRISM Award 2025 further recognizes dedicated mentors who inspire and guide students. Together, they reflect a strong culture of growth and leadership.



STUDENT'S ACHIVEMENTS

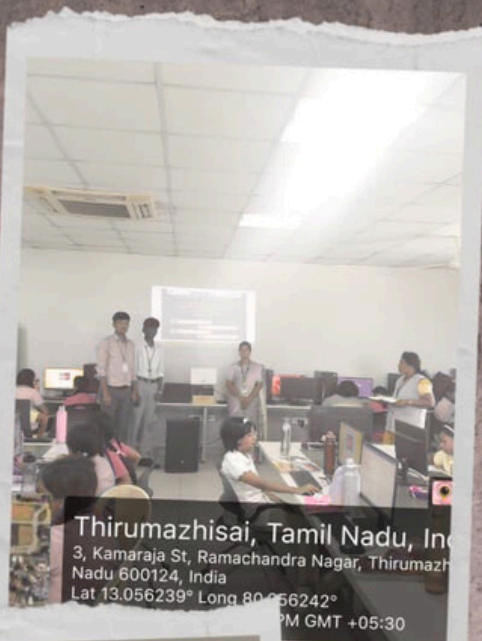


Victory of IDEA Hackathon 2025



Rudresh presented his paper titled "Inventee" at Inventa '24, showcasing innovative ideas and strong problem-solving skills. His work demonstrated originality and insight, perfectly aligning with the event's theme — Imagine. Create. Inspire.

ENHANCING STUDENT LEARNING USING AI TECHNOLOGIES



Dr. Prabha B, along with Yogeshwaran V and Vasanth P from the AI & ML Department, presented a session on “AI Tools for School Education” at Chennai Public School, Thirumazhisai. The workshop highlighted MathGPT for maths solving and NotebookLM for smart note organization, summaries, flashcards, quizzes, and mind maps.

EVENT HELD

IEEE EVENT

PANIMALAR ENGINEERING COLLEGE
An Autonomous Institution
Affiliated to Anna University, Chennai

IEEE

IEEE COMPUTER SOCIETY | INSTITUTION'S INNOVATION COUNCIL | MoE's INNOVATION CELL GOVERNMENT OF INDIA

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING
PROUDLY PRESENTS

IEEE AI VISTA 2025

MIND MARATHON

AN EXCITING NON TECH QUIZ

DATE: SEPTEMBER 25 2K25

REGISTRATION DETAILS:
FREE FOR IEEE MEMBERS
RS.50/- FOR NON IEEE MEMBERS

Faculty Co-ordinator:
Mrs.M.Dharami (Assistant professor)
Dr.B.Prabha (Assistant professor)

STUDENT CO-ORDINATOR:
VIGNESH M.(AIML III-A)
FREDDY CHARLES(AIML III-A)

HOD: Dr.B.Anni Princy M.E.,Ph.D. | CAO: Dr.S.Prasanna Devi M.E.,Ph.D. | Principal: Dr.K.Mani M.E.,Ph.D.

PANIMALAR ENGINEERING COLLEGE
(AN AUTONOMOUS INSTITUTION)

IEEE

IEEE COMPUTER SOCIETY | INSTITUTION'S INNOVATION COUNCIL | MoE's INNOVATION CELL GOVERNMENT OF INDIA

IEEE VISTA 2025

Department of AI&ML

THINK DIFFERENT

"An Aptitude Challenge - Think Fast, Solve Smart!"

01 AUGUST 2K25

FREE REGISTRATION

Student Co-Ordinator:
Mr.J.Yukanraj Annamalai
Mr.U.Yugansai
Mr.Gaali Yaswanth
Mr.Cimbili Lathish
Mr.Yarasingu Akhil

"It's not luck, it's logic. Let the challenge begin!"

CAO: Dr.S.Prasanna Devi M.E., Phd | Faculty Co-Ordinators: Dr.G.Suresh BE, M.Tech, PhD | Principal: Dr.K.Mani M.E.,Ph.D. | Dr.B.Anni Princy M.E.,Ph.D. | Dr.R.Anand Babu M.Tech., PhD

PANIMALAR ENGINEERING COLLEGE
An Autonomous Institution
Affiliated to Anna University, Chennai

IEEE

IEEE COMPUTER SOCIETY | INSTITUTION'S INNOVATION COUNCIL | MoE's INNOVATION CELL GOVERNMENT OF INDIA

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING
PROUDLY PRESENTS

GD & DEBATE COMPETITION

First Prize will be the cash prize

SPEAK BOLD. THINK SHARP

SEP 24 2025
VENUE:- AV HALL-I

REGISTRATION DETAILS:
FREE FOR IEEE MEMBERS
RS.30/- FOR NON IEEE MEMBERS

Faculty Co-ordinator:
Mrs.E.Vinitha M.Tech.(Ph.D)

STUDENT CO-ORDINATOR:
J YUKANRAJ ANNAHALAI (B-B)
UYUGAN SAI (B-B)

HOD: Dr.B.Anni Princy M.E.,Ph.D. | CAO: Dr.S.Prasanna Devi M.E.,Ph.D. | Principal: Dr.K.Mani M.E.,Ph.D.

PANIMALAR ENGINEERING COLLEGE
AN AUTONOMOUS INSTITUTION
AFFILIATED TO ANNA UNIVERSITY, CHENNAI

IEEE

IEEE COMPUTER SOCIETY | INSTITUTION'S INNOVATION COUNCIL | MoE's INNOVATION CELL GOVERNMENT OF INDIA

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING
PROUDLY PRESENTS

IEEE AI VISTA 2025

Cerebro Clash

ON 22ND SEPTEMBER '25

REGISTER HERE

REGISTRATION DETAILS:
FREE FOR IEEE MEMBERS
RS.50/- FOR NON IEEE MEMBERS

FACULTY CO-ORDINATOR:
DR. D. SASI KUMAR M.E.,MBA,PH.D
DR. ANAND BABU M.E.,PH.D

STUDENT CO-ORDINATOR:
PRIYADARSHINI(SAIML III-A)

HOD: DR.B.ANNI PRINCY M.E.,PH.D. | CAO: DR. S. PRASANNA DEVI M.E.,PH.D. | PRINCIPAL: DR. K. MANI M.E., PH. D.

PANIMALAR ENGINEERING COLLEGE
 An Autonomous Institution
 Affiliated to Anna University, Chennai

Department of Artificial Intelligence
 And Machine Learning

PROUDLY PRESENTS:

SEMINAR

Smart Testing: The Rise of AI/Automation in Software Quality Assurance

BY

Mrs. J. PRIYANKA
 Quality Engineering Lead;
 Software Development Engineer in Test (SDET), Infosys, Chennai
 priyanka.j05@infosys.com | 80726 82427

ON

6th AUGUST 2025

HOD
 Dr. B. Anni Princy M.E., Ph.D.

PRINCIPAL
 Dr. K. Mani M.E., Ph.D.

CHIEF ACADEMIC OFFICER
 Dr. S. Prasanna Devi, M.E., Ph.D.

STAFF CO-ORDINATOR:
 Mr. Ezhilvendan . M ,B.Tech.,M.E.,(P.hD).
 Mr. Rizwan Basha. A, M.E (P.hD)

STUDENT CO-ORDINATOR
 S.Priyadarshni

The department conducted a seminar on “Smart Testing: The Rise of AI/Automation in Software Quality Assurance” on 6 August 2025, delivered by Mrs. J. Priyanka from Infosys. The session gave students clear insights into AI-driven testing, automation tools, and industry best practices.

The department hosted “The Cloud that Understands You – An Azure Workshop” on 19 September 2025, led by Mr. Sundaramsubramanian Diraviam. Students gained practical insights into Microsoft Azure, AI integration, and cloud automation.

PANIMALAR ENGINEERING COLLEGE
 An Autonomous Institution
 Affiliated to Anna University, Chennai

INSTITUTION'S INNOVATION COUNCIL | IEEE | M.A.E.'S INNOVATION CELL (GOVERNMENT OF INDIA) | AICTE

DEPARTMENT OF
 ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

PROUDLY PRESENTS

WORKSHOP

ON

**THE CLOUD THAT UNDERSTANDS YOU:
 AZURE, AWS & THE FUTURE OF AI**

SPEAKER:

Mr. Sundaramsubramanian Diraviam
 CLOUD DEVOPS ARCHITECT, CODINCITY, CHENNAI

SEPTEMBER 19, 2025
 08:50 AM - 10:30 AM

VENUE: AV HALL

Chief Patrons
 Dr. P. Chinnadurai M.A., Ph.D.,
 Secretary & Correspondent

Patrons
 Mrs. C. Vijayarajeswari
 Dr. C. Sakthi Kumar
 Dr. Saranyasree Sakthikumar
 Directors

Co-Patrons
 Dr. K. Mani M.E., Ph.D.,
 PRINCIPAL
 Dr. S. Prasanna Devi B.E., M.E., PGDHRM., PDF (IISc)
 CHIEF ACADEMIC OFFICER

Convener
 Dr. B. Anni Princy M.E., Ph.D.,
 Head of the Department

STAFF CO-ORDINATOR:
 Mr. Nagaraj J M.Tech (Ph.D)
 Assistant Professor

STUDENT CO-ORDINATOR
 Yugansai.U (III AIML-B)
 Akash.M (III AIML-B)

WORKSHOP



PANIMALAR ENGINEERING COLLEGE

An Autonomous Institution

Affiliated to Anna University, Chennai



DEPARTMENT OF
ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

PROUDLY PRESENTS

WORKSHOP

ON

**GENERATIVE AI IN ACTION: FROM IDEAS TO INNOVATION
&
STRUCTURING IDEAS INTO RESEARCH ARTICLES**

SPEAKER:

Dr. S. Sivakumar

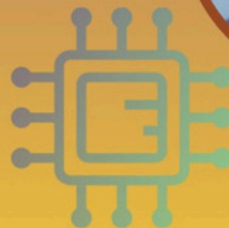
ASSISTANT PROFESSOR, COMPUTING TECHNOLOGIES
SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,
KATTANKULATHUR, CHENNAI



SEPTEMBER 26, 2025

08:50 AM - 12:05 PM

VENUE: AV HALL



Chief Patrons

Dr.P.Chinnadurai M.A.,Ph.D.,
Secretary & Correspondent

Patrons

Mrs.C.Vijayarajeswari
Dr.C.Sakthi Kumar
Dr.Saranyasree Sakthikumar
Directors

Co-Patrons

Dr. K. Mani M.E.,Ph.D.,
PRINCIPAL
Dr. S. Prasanna Devi B.E.,M.E.,PGDHRM.,PDF(IISc)
CHIEF ACADEMIC OFFICER

Convener

Dr. B. Anni Princy M.E.,Ph.D.,

STAFF CO-ORDINATOR:

Mr.Nagaraj.J M.Tech (Ph.D)

STUDENT CO-ORDINATOR

Yugansai.U (III AIML-B)

STUDENT'S GALLERY



ART BY
Tamil Kumaran

MANDALA ART



Done By

Sadhana



Photography by

Yukan Annamalai



Digital Art By

Ashiba

காலை விடியாத நேரத்திலே
அலாரம் இல்லாமலே நான் விழிப்பேன்;
ஐந்து ஐம்பத்திஐந்து பேருந்து—
ஆண்களுக்கு ஒன்று, பெண்களுக்கு ஒன்று,
பேருந்தே கூட “தொலைவு காப்பாளர்”!
கல்லூரி உள்ளே நுழைந்ததும்
ஆண்கள் ஓரமும் பெண்கள் ஓரமும்—
ஒரு பார்வை கூட கடந்தாலே
கண்காணிப்பாளர்கள் எண்ணெயில் விழுந்த கடுகாய் இருப்பர்!

எட்டு மணிக்கு பாடம்,
பத்து முப்பதில் தேநீர்,
பன்னிரண்டு ஐந்தில் மெஸ் உணவு—
வயிறு மட்டும் தான் அதை மனமுவந்து ஏற்றுக்கொள்கிறது!

இதுக்கு நடுவே
நண்பர்கள் தான் நம் வாழ்வின் சிரிப்பு.
“இன்று தான் நம் நாள்,
என்று எண்ணி ஒவ்வொரு நாளும் சந்தோஷமாக வாழணும்!”
என்று ஒவ்வொரு நொடியையும்
வேடிக்கையால் நனைக்குற கும்பல்.

கல்லூரி விதிகள் எவ்வளவு கடினமோ,
இதயத்துக்கு அவை எதுவுமில்லை;
தடைகள் இருந்தால் தான் காதல் வளருது!
சிலர் ரகசியமாய் மலர்ந்து,
சிலர் நிழலாய் நின்று,
சிலர் வாழ்நாள் பந்தத்துக்கு சென்று விடுவார்கள்.

அதற்கிடையில்
நம் துறையின் தலைவி
“அறிவு உயரட்டும்” என்று
ஒவ்வொரு நாளும்
நம்மை ஒளிக்கே இழுத்துச் செல்கிறார்.

இவ்வளவையும் சேர்த்தால்
பனிமலர் வாழ்க்கை
ஒரு பெரிய நகைச்சுவைக் கவிதைதான்—
ஆனால் நெஞ்சில் என்றும் அழியாதது!

-ஹரி கிருஷ்ணன் வி எஸ்