

PANIMALAR ENGINEERING COLLEGE

AN AUTONOMOUS INSTITUTION



IEEE



SYNAPZ'25-26
NEWS LETTER

Department of
Artificial Intelligence
and Machine Learning

17 PARTNERSHIPS
FOR THE GOALS



VOLUME 1

2025

AI & ML

VISION AND MISSION

Vision

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

Mission

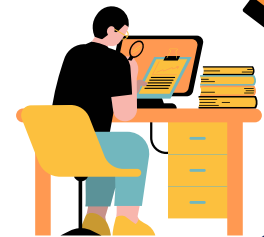
- **M1**
To develop students with strong capabilities in artificial intelligence by continuously enhancing teaching and learning with state-of-the-art technologies



- **M2**
To provide high-quality, value-based education 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





HEAD OF THE DEPARTMENT
DR.B.ANNI PRINCY M.E, PH.D.,

"HER EXCELLENCE TURNS ACHIEVEMENTS INTO MILESTONES."

"HER GUIDANCE SHAPES ACHIEVERS; HER IMPACT SPEAKS FOR ITSELF."

DR. ANNI PRINCY B BRINGS 28 YEARS OF TEACHING EXPERIENCE, HOLDS AN M.E. (2004) AND PH.D. (2015) IN COMPUTER SCIENCE & ENGINEERING FROM SATHYABAMA UNIVERSITY, AND HAS PUBLISHED 50+ RESEARCH PAPERS WITH SIX PATENTS. HER EXPERTISE SPANS SOFTWARE RELIABILITY, NETWORKING, AND MACHINE LEARNING. SHE HAS RECEIVED AN AICTE MODROB GRANT OF ₹7,85,000 AND IS A MEMBER OF IEEE AND CSI.



FACULTY EDITORS : M.BHARANI M.Tech,(Phd)
E.VENITHA M.Tech,(Phd)

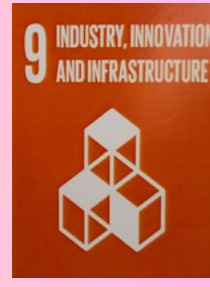
STUDENT EDITORS : AAKASH A (II-D)
AKASH I (II-D)
HARI KRISHNA V S (II-D)
MUHAMMED SAMEER.N (II-C)

DEPARTMENT OF AIML



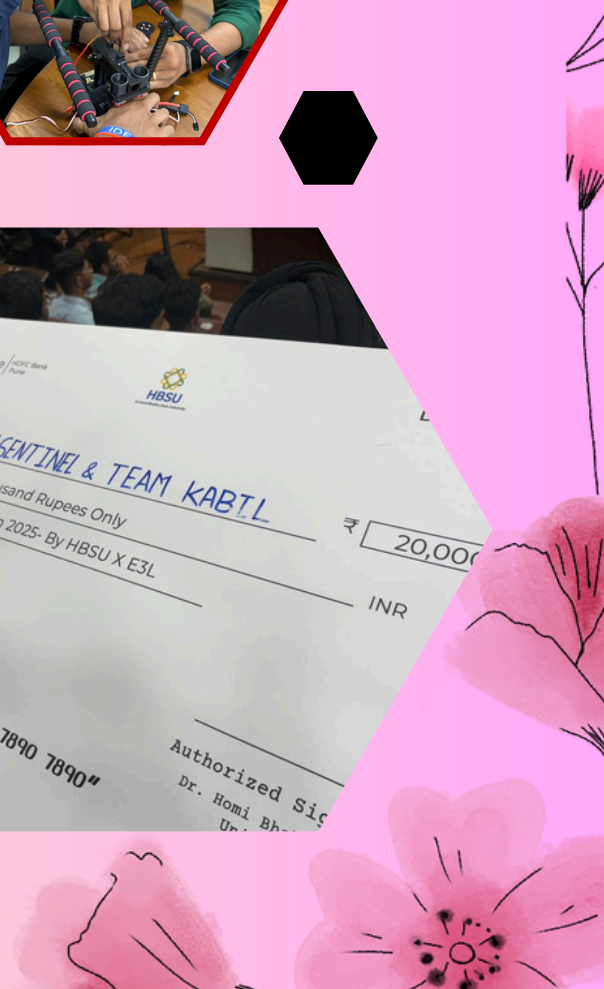
EVENTS





VICTORY AT IDEA HACKATHON 2025

Naveen and Rahul Srivatsav of III AIML C shone at the IDEA Hackathon 2025, hosted by HBSU and E3L in Mumbai. Outperforming several innovative teams, they clinched the winner's title and a ₹20,000 cash prize, bringing pride to their institution.





SMART TESTING WITH AI: INSIGHTS FROM INDUSTRY EXPERT

The AI & ML Department of Panimalar Engineering College hosted a seminar on “Smart Testing: The Rise of AI/Automation in Software Quality Assurance” on 6 August 2025. Delivered by Mrs. J. Priyanka, Quality Engineering Lead and SDET at Infosys, the session offered sharp insights into AI-driven testing, automation tools, and industry best practices, giving students a valuable learning boost.

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IEEE

**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





GEN AI IN ACTION-WORKSHOP

The AI & ML Department at Panimalar Engineering College held a workshop on “Gen AI in Action” on 26 September 2025, led by Dr. S. Sivakumar from SRM IST. The session gave students sharp insights into Generative AI, its tools, applications, and industry impact, inspiring creativity and innovation throughout.



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INSTITUTION'S INNOVATION COUNCIL
IEEE
MoE's INNOVATION CELL (GOVERNMENT OF INDIA)

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
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Secretary & Correspondent

Patrons
Mrs. C. Vijayarajeswari
Dr. C. Sakthi Kumar
Dr. Saranyasree Sakthikumar
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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 M. Tech (Ph.D)

STUDENT CO-ORDINATOR
Yugansai, U (III AIML-B)



THE CLOUD THAT UNDERSTAND YOU- AN AZURE WORKSHOP

The AI & ML Department at Panimalar Engineering College hosted “The Cloud that Understands You – An Azure Workshop” on 19 September 2025, led by Mr. Sundaramsubramanian Diraviam of Codincity, Chennai. Students gained sharp, practical insights into Microsoft Azure, AI integration, and cloud automation, making it a highly impactful session.



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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

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Secretary & Correspondent

Patrons
Mrs. C. Vijayarajeswari
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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
B. Anni Princy M.E., Ph.D.,
Head of the Department

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

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







FROM DATA TO DECISION-WORKSHOP

The AI & ML Department at Panimalar Engineering College, in association with IEEE, conducted a workshop on “From Data to Decision – An ML Workshop” on 14 August 2025, led by Mr. D. Hashwin Raj, a 3rd-year AIML student. The session offered sharp insights into ML concepts, data-driven decision-making, and real-world applications, giving participants a strong hands-on learning experience.

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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING
PROUDLY PRESENTS
IEEE AI VISTA 2025
FROM DATA TO DECISION
-A ML WORKSHOP

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

STUDENT CO-ORDINATOR:
FREDDY CHARLES.F.(AIML III-D)
GALLI YESWANTH(AIML III-B)

PRESENTATOR:
HASWIN RAJ D (AIML III-D)
BARATH RAJ A S (AIML III-D)

AUG 14 | **VENUE WILL BE ANNOUNCED**

FREE FOR IEEE MEMBERS
RS 30/PER NON IEEE MEMBER

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






LET THE MACHINE DO IT-AN AUTOMATION WORKSHOP

The AI & ML Department at Panimalar Engineering College, in association with IEEE, held a workshop on “Let the Machine Do It – An Automation Workshop” on 24 September 2025, led by 3rd-year AIML student Mr. Harsha Varadhan T. Students gained sharp insights into automation concepts, real-time applications, and hands-on tools, highlighting how automation streamlines complex tasks. The session proved highly engaging and inspiring.

PANIMALAR ENGINEERING COLLEGE
DEPARTMENT OF ARTIFICIAL INTELLIGENCE
AND MACHINE LEARNING

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

LET THE MACHINE DO IT

AUTOMATION WORKSHOP

AUTOMATE • INNOVATE • ELEVATE

SEPTEMBER 24, 2025 | 12:45 PM

FREE FOR IEEE MEMBERS
RS 30/PER NON IEEE MEMBER

VENUE
AV HALL

PRESENTATOR:
HASWIN RAJ D
HARSHA VARDHAN T
III - AIML - D

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

STUDENT CO-ORDINATOR:
FREDDY CHARLES.F.M(AIML III-D)
VICKY(AIML III-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



BASICS WORKSHOP

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DEPARTMENT OF
AI & ML

7th AUG
**EMBEDDED BUSINESS STATISTICS
&
BASICS WORKSHOP**

Generative
AI-Club
presents

FREE!

Register now
SCAN ME

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STUDENT CO-ORDINATORS
NANDHA KUMAR.S
HIRTHIK.P
IMTHIYAZ.N
MOHAMED MARSHOOK.S
MAGESH.K.B

The Generative AI Club of the AI & ML Department held the Embedded Business Statistics & Basics Workshop on August 7, 2024, offering practical training in embedded systems. Guided by expert facilitators and supported by student coordinators Nandha Kumar S, Hirthik P, Imthiyaz N, Mohamed Marshook S, and Magesh K, the workshop delivered a sharp, hands-on learning experience that boosted technical skills and industry readiness.





CHENNAI DISTRICT LEVEL COMPETITION

On 5 January 2025, Kailasakumar N claimed 1st place in the Chennai District Level Powerlifting Competition, showcasing his dedication, discipline, and commitment to excellence while proudly representing Panimalar Engineering College.



4 QUALITY EDUCATION



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



10 REDUCED INEQUALITIES



SMART TESTING WITH AI: INSIGHTS FROM INDUSTRY EXPERT

On 21/09/2025, Puwin Raja of III AIML C, Panimalar Engineering College, made the institution proud by securing 1st place in the Kanniyakumari Deadlift Championship, 2nd in Bench Press, and 3rd in Powerlifting. His dedication, determination, and hard work clearly set him apart as an inspiring athlete.

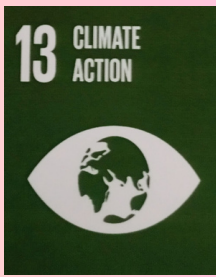




INVENTE'24

Rudresh presented his paper titled "Inventee" at Invente '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.





IEEE EVENTS

The AI & ML Department at Panimalar Engineering College conducted various technical and non-technical events to promote innovation, creativity, and overall student growth. Technical activities like coding challenges, project expos, AI contests, and quizzes enhanced practical and problem-solving skills, while non-technical events such as art competitions, fun games, and debates encouraged teamwork and leadership. These initiatives created a vibrant environment that supported both technical excellence and personal development.

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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING
PROUDLY PRESENTS

IEEE AI VISTA 2025

MIND MARATHON

AMPEXICITING NON TECH QUIZ

DATE: SEPTEMBER 25 2K25

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

Faculty Co-ordinator: Mrs.M.Bharani (Assistant professor)
Dr.B.Probha (Assistant professor)

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

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

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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.Cimbihi Lathish
Mr.Yarasingu Akhil

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

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

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PROUDLY PRESENTS

IEEE AI VISTA 2025

Cerebro Clash

ON 22ND SEPTEMBER '25

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

REGISTER HERE

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

STUDENT CO-ORDINATOR: PRIYADARSHINI.S(AIML III-A)

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

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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.Vishna H.Tech.,(Ph.D)

STUDENT CO-ORDINATOR: JYOTARAJ ANBAYALAI (B-B)
UYUGAN SAI (B-B)

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

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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING
PROUDLY PRESENTS

IEEE AI VISTA 2025

ANIME ARENA

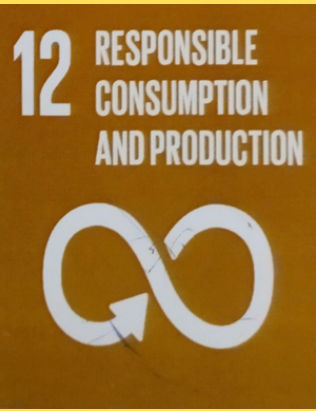
24/09/2025

REGISTRATION DETAILS:
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Faculty Co-ordinator: Mr.J.Magoraj M.Tech.,(Ph.D.)
Mr.A.Rishwan Basha M.Tech.,(Ph.D)

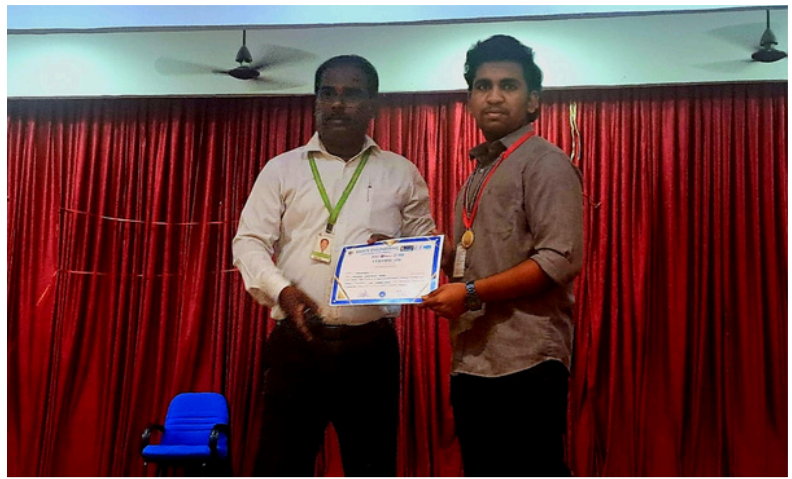
STUDENT CO-ORDINATOR: AKHIL CHOUDHARY(AIML III-A)
RUBRESH.A (AIML II-C)
SYED RAIYYAN (AIML II-C)

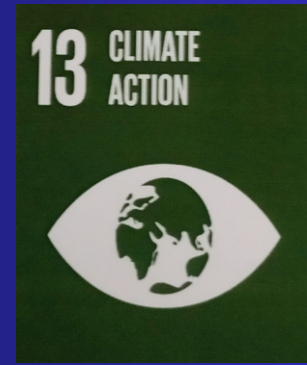
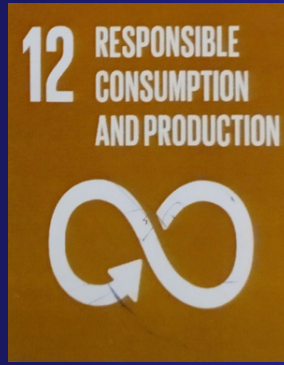
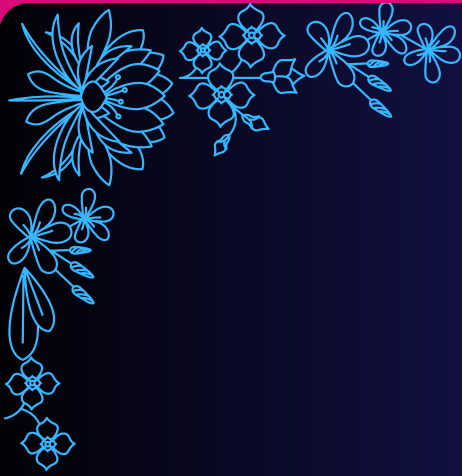
HOD: Dr.B.Anni Princy H.E.,Ph.D. CAO: Dr.S.Prasanna Devi H.E.,Ph.D. Principal: Dr.K.Mani H.E.,Ph.D.



ART CONTEST-WINNER

Mr. Tamil Kumaran K, a 3rd-year AIML student at Panimalar Engineering College, has excelled in multiple art and creativity competitions across intra- and inter-college events, winning first prize in every contest. His outstanding talent and creativity have brought significant pride to the department and the institution.





Women's Day Celebration

The Women's Day celebration brought together faculty and students in a warm and joyful environment. Everyone participated actively, showcasing creativity through drawing and craft activities. The guidance of the faculty added encouragement and inspiration to the event. The celebration beautifully highlighted unity, respect, and the spirit of womanhood

