



MANIPAL UNIVERSITY
JAIPUR



DEPARTMENTAL NEWSLETTER · AIML COMMUNITY MUJ

AIML SPOTLIGHT

Department of Artificial Intelligence & Machine Learning
School of Computer Science & Engineering | Manipal University Jaipur

JAN - JUNE | EDITION '26



FROM THE DESK OF

Associate Dean, SoCSE



Prof. (Dr.) Roheet Bhatnagar

Associate Dean, School of Computer Science & Engineering
(AIML, IoT & IS, CCE, DS and Computer Applications)

I am pleased to share my thoughts through the AIML Spotlight newsletter, which celebrates the notable achievements and initiatives of the Artificial Intelligence and Machine Learning Department. At the School of Computer Science and Engineering, we strive to foster innovation, leadership, and societal impact. With AI and ML rapidly transforming the world, it is inspiring to see our students and faculty contributing meaningfully. I applaud the department's efforts and encourage readers to make the most of this platform as we work together toward a future shaped by technology, creativity, and sustainability.

FROM THE DESK OF

Head of Department, AIML

Dr Deepak Panwar

Associate Professor & Head of Department
Department of AIML, School of CSE, MUJ



It is a great privilege to reach out to you through this edition of the AIML Spotlight newsletter. The Department of Artificial Intelligence and Machine Learning continues to advance its mission by nurturing creativity, academic excellence, and strong industry partnerships. Over the past year, we celebrated noteworthy achievements—from impactful events such as the Tech Innovation Boot Camp to significant research contributions delivered by our faculty and students. Our focus remains on equipping learners with the latest skills and knowledge, preparing them for a vibrant and evolving future in AI and ML. I encourage you to stay connected, embrace new possibilities, and play an active role in shaping this transformative field.



DEPARTMENT PROFILE

Department at a Glance

Established 2021 • School of Computer Science & Engineering, Manipal University Jaipur



1600+

TOTAL STUDENTS



41

FACULTY MEMBERS



28

PHD FACULTY



15

PHD RESEARCH SCHOLARS



03

PROGRAMS OFFERED



1500+

UG STUDENTS



15

PG STUDENTS



2021

YEAR ESTABLISHED

PROGRAMS OFFERED

B.Tech CSE (AIML) • M.Tech CSE (AIML) • PhD

RECOGNITION

Faculty Achievements

Research Grants

Dr. Preeti Narooka - AICTE IDEA , Grant Amount : Rs. 90 Lakhs

Dr. Varun & Dr. Amit Kumar Bairwa MRB , Grant Amount : 14 Lakhs

Dr. Nikhil Pateria - MRB , Grant Amount : 2 lakhs 90 Thousand

Books

Dr. Deepak - Hybrid Intelligence : Theories and Applications (Publisher : Springer)

Dr. Rahul - Advanced Computational Security (Publisher : Arcler Press

Research Publication

Dr. Surendra Solanki (More than Two Q1)

Dr. Harish Kumar Shakya (More than Two Q1)

Ms. Akanksha Mrinali (More than Two Q1)

Patent Grant

Dr. Stuti Pandey

“ FACULTY IN THE SPOTLIGHT ”

RECOGNITION

Student Achievements

Celebrating toppers, placements, and student excellence



ACADEMIC TOPPERS

Dean's List "Award of Excellence" ceremony exists as a mechanism
Nikhil Anand – AIR 7, National Engineering Olympiad 6.0



PLACEMENTS

Ridhi Makharia → HP Inc.
Ayush Gaidhani → Siemens
Anushka Telang → HPCL
Arul Bhal → boAt
Amith Antony John → CamCom
Microsoft – B.Tech Batch 2022–2026



INTERNSHIP OFFERS

Anirudh Singh → IIT Kanpur
Anoushka Goyal → DRDO
Ayush Tripathi → DRDO
Garvit Ahuja → Indian Statistical Institute, Kolkata
Aneerban Saha → Grameen Shakti Mohan Finance Services



HACKATHONS

Ashish Lawaniya – 2nd Runner-Up, HPE Think-A-Thon
Arpit Singh Gautam – Best Contributor (DSA), PANACEA repository
Pratham Singhal – cash prize, ETHIndia
Ishaan Khullar, Manik Tyagi, Shikhar Tyagi – T-Hunt Hackathon (dept.'s own) wins

“ RESEARCH PUBLICATIONS BY STUDENTS ”

Akarsh Kumar & Aishwarya Sinha (B.Tech AIML) published “Enhanced Traffic Prediction Using Spatial-Temporal Graph Neural Networks” in IEEE Access, Vol. 14, 2026 – grown out of the department's Project-Based Learning (PBL) programme.



STARTUP WEEKEND JAIPUR '26

Google for Startups Techstars concludes a 54-hour entrepreneurial sprint at MUJ



The Department of Artificial Intelligence & Machine Learning, in partnership with AIC-MUJ (Atal Incubation Centre) and the Directorate of E-Cell, hosted Google for Startups Techstars – Startup Weekend Jaipur 2026 – a high-energy 54-hour journey from idea to pitch. Participants worked through customer discovery, rapid prototyping, mentorship, and investor interactions before pitching to a panel, competing for a prize pool of ₹1 Lakh+.



SUCCESSFULLY CONCLUDED • 23-25 JANUARY 2026

WINNERS

1st

Team Digi Care

2nd

Team Panu

3rd

Team Glasses

GUESTS OF HONOUR

Dr. Alka Gaur

Chief Guest • Founder, Alka Gaur Foundation

Ms. Kanu Gaur

Guest of Honour • Executive Director, TiE Rajasthan

With faculty support from Dr. Roheet Bhatnagar, Dr. Deepak Panwar, Dr. Varun Tiwari, Dr. Amit Kumar Bairwa and Dr. Sandeep Joshi, the event strengthened MUJ's startup ecosystem through early-stage validation, funding access, and industry-academia collaboration.



ARTICLES

What's shaping AI, space tech, and the Indian tech industry this month

AI RESEARCH

GPT-5 Resets the Bar for General-Purpose AI

OpenAI's GPT-5 launched in January 2026, triggering price cuts across the industry and prompting rapid responses from competitors — including Anthropic's Claude 4 and Google's Gemini 2.5 Pro with improved multimodal capabilities. The launch also accelerated the shift toward agentic coding tools reaching real users, marking one of the fastest-moving quarters in AI's recent history.

AI INFRASTRUCTURE

NVIDIA Unveils Vera Rubin at CES 2026

At CES 2026 in January, NVIDIA CEO Jensen Huang unveiled the Vera Rubin platform — the company's next-generation AI computer delivering 50 PFLOPS and 5x the inference performance of its predecessor, Blackwell, while adding just ~200W of power draw. The platform needs 75% fewer GPUs for training 10-trillion-parameter models, signalling a major efficiency leap for the AI hardware powering tomorrow's models.

SPACE TECH

SpaceX's Starship V3 Makes Its Historic DebutPreps Starship's First Orbital Flight

On 22 May 2026, SpaceX's redesigned Starship V3 lifted off from a new pad at Starbase, Texas — its first flight in over seven months. The 408-foot vehicle, featuring upgraded Raptor 3 engines and triple the reusable payload capacity of its predecessor, saw its upper stage make a controlled splashdown in the Indian Ocean. Musk called it “an epic” launch and landing, marking a major step toward Starship's operational readiness.

INDUSTRY REPORT

India's Tech Industry Set to Cross \$315B in FY26 — NASSCOM

NASSCOM's Annual Strategic Review 2026 projects India's technology sector revenue will reach \$315 billion in FY26, up 6.1%, even as headcount grew just 2.3% — a sign of AI-driven productivity reshaping hiring. The report states over two million professionals were upskilled in AI this year, with AI-linked revenue estimated at \$10–12 billion in FY26 as the industry shifts from experimentation to function-specific AI deployment.

Student Achievement Wall

Celebrating our students stepping into internships and placements this year



**Aditya
Vikram
Singh**

B.Tech-AIML (2022-2026)

**Internship — Dell
Technologies**



Aanchal Mittal

B.Tech-AIML (2021-2025)

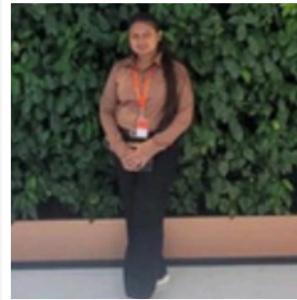
Placed — NOKIA



Vibhor Sharma

B.Tech-AIML (2021-2025)

Placed — Dell



Aditi Sinha

B.Tech-AIML (2021-2025)

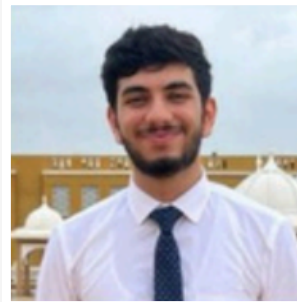
Placed — Tredence



**Ibhaan
Agarwal**

B.Tech-AIML (2022-2026)

Internship — Dell



Ishank Rajpal

B.Tech-AIML (2021-2025)

Placed — Tredence



Atharv Gulati

B.Tech-AIML (2021-2025)

**Placed — AP
Moller Maersk**



Ishika Jain

B.Tech-AIML (2022-2026)

**Internship — ISRO,
Ahmedabad**



INTERACTIVE CORNER

AIML Quiz — Test Your Knowledge!

1

What does a transformer's "attention" mechanism primarily allow a model to do?

2

Which metric is most appropriate for a highly imbalanced classification dataset?

3

What is the main idea behind transfer learning?

4

In reinforcement learning, what does the "exploration vs. exploitation" trade-off refer to?

Answers on the department's Instagram [@_aiml_community_](#)

FUN AI FACTS

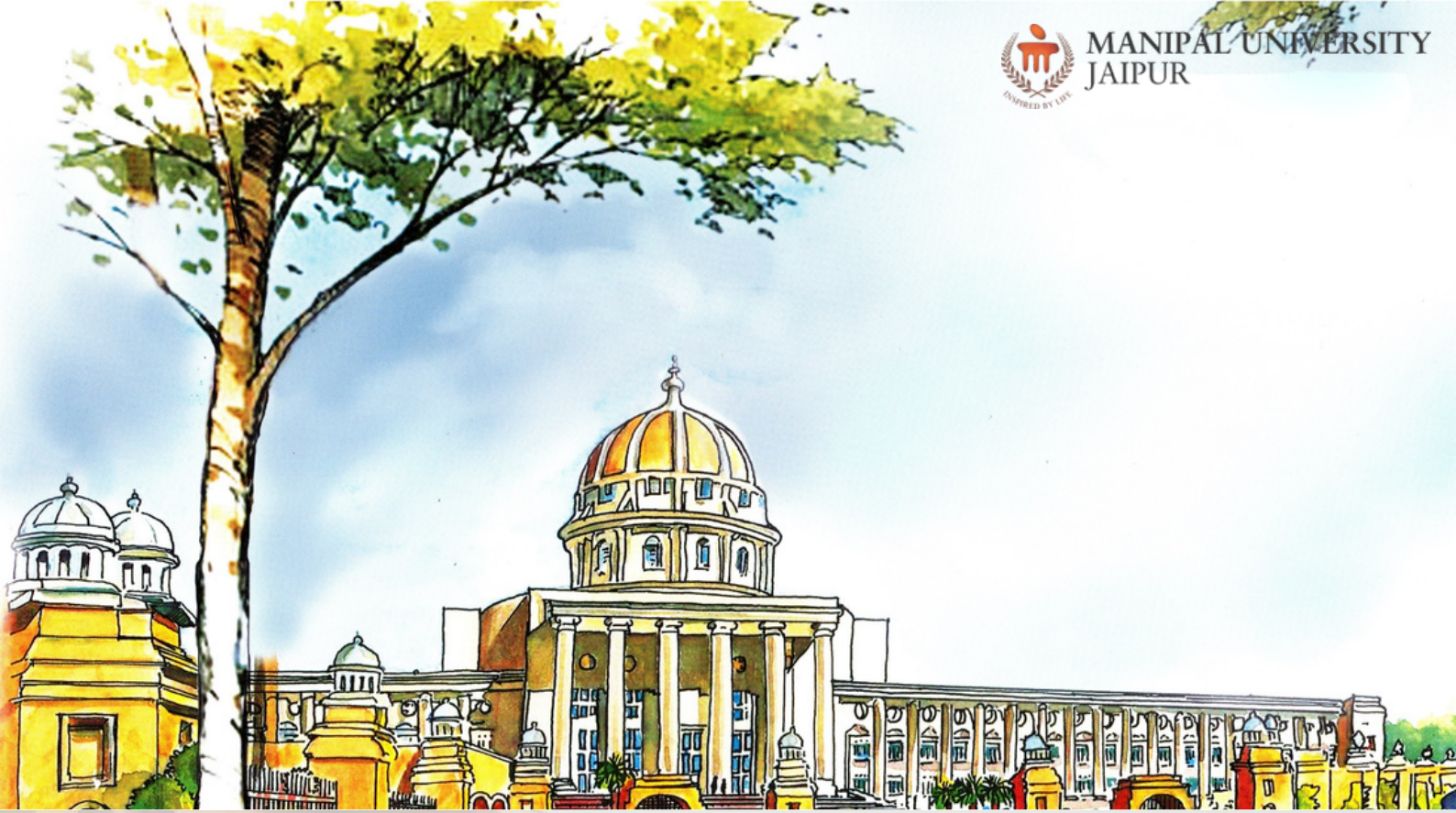
- The term "Artificial Intelligence" was coined by John McCarthy in 1956 at the Dartmouth Conference.
- The word "robot" comes from the Czech word *robota*, meaning forced labour.
- Modern large language models are trained on trillions of words of text.

WE WANT YOUR FEEDBACK

Scan the QR code on the back cover or write to aimlmujcommunity@gmail.com



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DEPARTMENT

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AIML SPOTLIGHT

*Innovating Today. Shaping
Tomorrow.*

