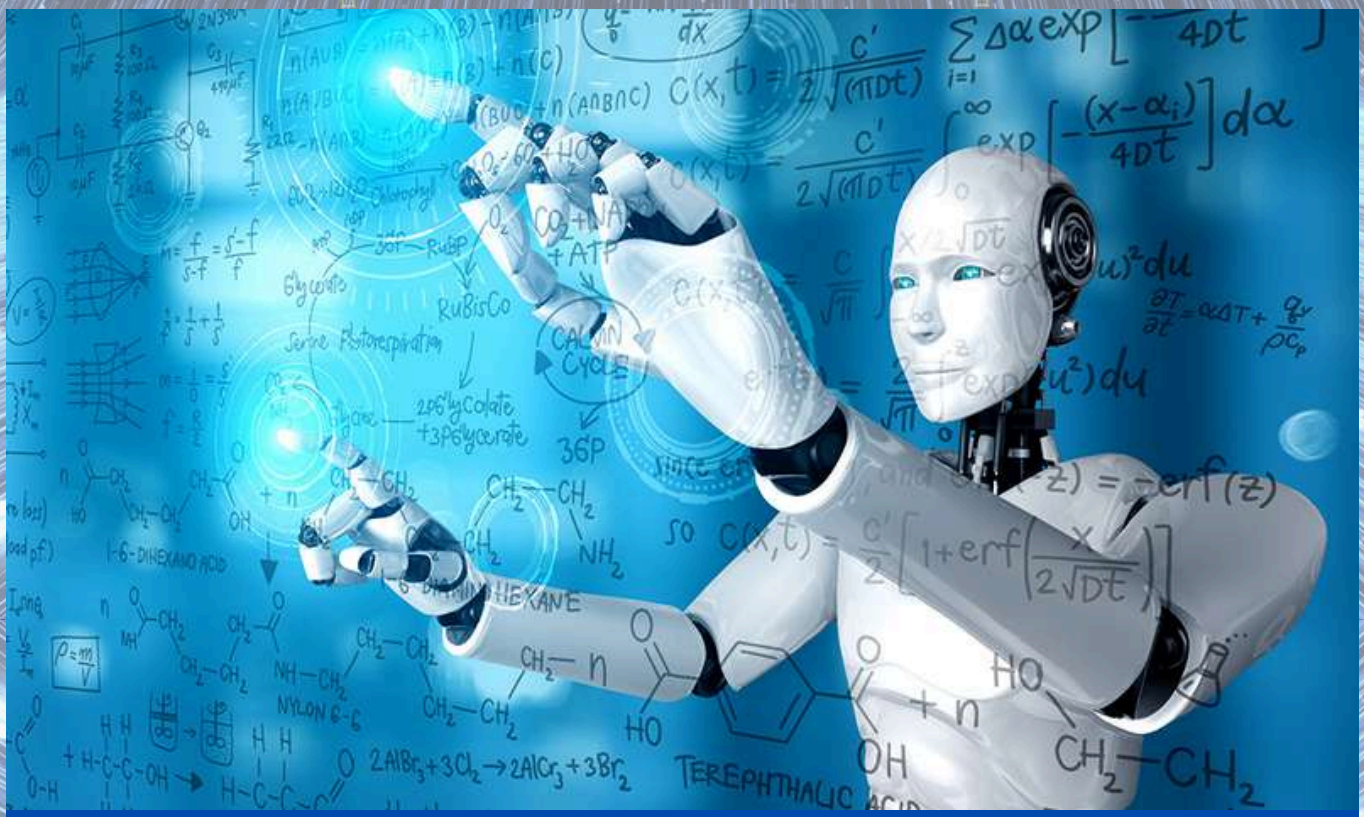
SYMBIOSIS INSTITUTE OF TECHNOLOGY, PUNE

Celebrating 50 Years of Excellence

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING



ACADEMIC YEAR 2025 - 26

NEWS LETTER

JAN' – JUNE' 2026

VISION OF THE INSTITUTE

To be a premier institute that nurtures multidisciplinary technical excellence, drives innovation, cultivates a global perspective and contributes to societal enrichment.

MISSION OF THE INSTITUTE

- To empower students with technical and leadership skills across multidisciplinary domains.
- To foster technology and innovation through collaborative partnerships with academia, industries, and government organizations.
- To nurture socially responsible engineers to create sustainable and inclusive solutions.
- To promote internationalization by fostering collaborations and enabling success in a globalized landscape.

VISION OF THE DEPARTMENT

To evolve as a centre of excellence in Artificial Intelligence and Machine Learning by fostering quality education, research, and industry collaboration to develop globally competent professionals contributing to societal enrichment.

MISSION OF THE DEPARTMENT

- To empower students with comprehensive foundations in Artificial Intelligence and Machine Learning, by enabling technical, analytical, and leadership skills to excel in multidisciplinary domains.
- To promote innovation and applied research through collaborative partnerships with academia, industry, and government bodies.
- To nurture ethically responsible AI professionals committed to lifelong learning and the development of sustainable and inclusive intelligent solutions.
- To develop global competence through interdisciplinary learning and active collaboration with international research and industry partners.

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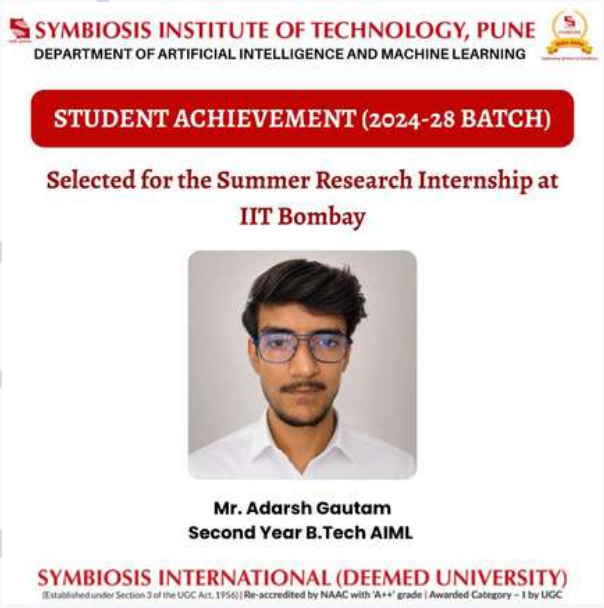
STUDENTS ACHIEVEMENTS

SIPF India Experience Program

Samarth Bhadane, a pre-final-year student, was selected for the prestigious **Singapore India Partnership Foundation (SIPF) India Experience Program 2026**.

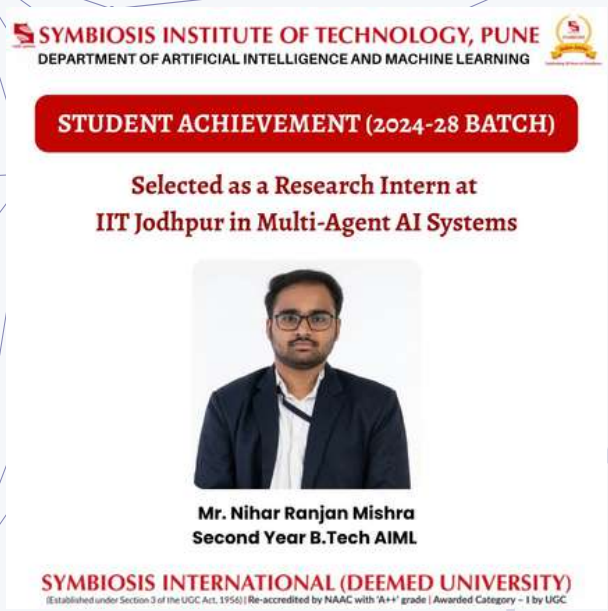


IIT Bombay (Summer research internship)

Adarsh Gautam, a second-year student (Batch 2024–2028), was selected for the prestigious **2026 Summer Internship Programme at IIT Bombay**.

IIT Ropar (Vicharanashala Summership 2026)

Riddhima Deshmukh, a second-year student (Batch 2024–2028), was selected for the prestigious **Vicharanashala 2026 Summer Internship Programme** at the **Vicharanashala (Lab for Education Design), IIT Ropar**.



IIT Jodhpur (Research intern in Multi agent AI Systems)

Nihar Ranjan Mishra, a second-year student (Batch 2024–2028), was selected as a **Research Intern at IIT Jodhpur** to work in the field of **Multi-Agent AI Systems**.

PM-JAY hackathon

Mr. Abhishek Sinha, a final-year student, secured the position of **Second Runner-Up** (3rd Place) at the **National-Level Ayushman Bharat–Pradhan Mantri Jan Arogya Yojana (PM-JAY) Hackathon** in Bengaluru. As part of his internship team at Bajaj Finserv Health Ltd., he contributed to the development of an **AI-based Claims Validation System**, earning a cash prize of **₹2 lakh** and **national recognition**.

Qualified GATE

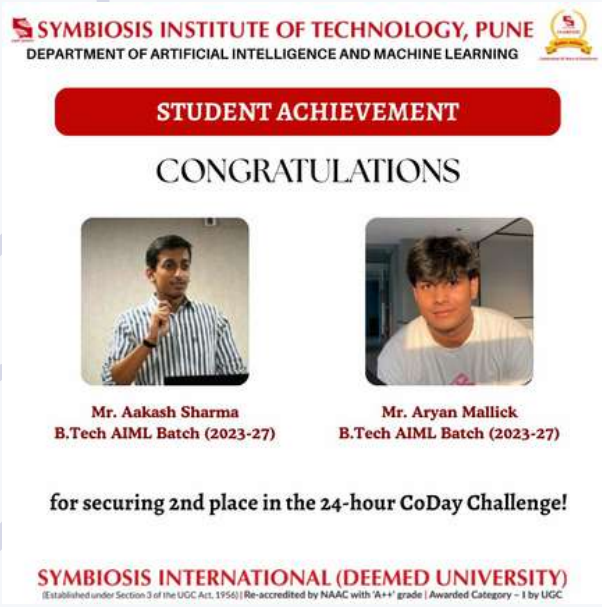
Ms. Aparna Iyer and **Mr. Hari Sri Shanmukha Sai Tanniru**, students, successfully **qualified** the **Graduate Aptitude Test in Engineering (GATE)**.

AI impact Summit

Mr. Deepesh S., **Ms. Khushi Kashyap**, and **Ms. Devershika Mohane**, pre-final-year students, participated in the **AI Impact Summit 2026** in New Delhi. The summit provided opportunities to interact with AI researchers, industry leaders, entrepreneurs, and startup founders, enhancing their exposure to emerging AI technologies and real-world innovations.

CoDay challenge

Team BinaryBrains, comprising **Mr. Aryan Mallick** and **Mr. Aakash Sharma**, third-year students (Batch 2023–2027), secured **Second Place** in the **24-hour CoDay Challenge** held at Symbiosis Lavale in April 2026.



VOIS Innovation Marathon 2.0

Ms. Akshaya Suryavanshi and **Mr. Chetanya Bhadravati**, M.Tech students, were shortlisted among the **Top 30 teams** at the **VOIS Tech Innovation Marathon 2.0** and secured a cash prize of ₹2 lakh. Their project, "AI-Powered Voice Anti-Spoofing System," demonstrated an innovative AI solution for enhancing voice authentication and cybersecurity across real-world applications.

NER (North Eastern Region) Scholarship

Tillottama Majumdar, a student from the 2024–2028 batch, was awarded the **prestigious North Eastern Region (NER) Scholarship** funded by Symbiosis International University.

Merit Scholarship

M.Tech students were awarded the prestigious Merit Scholarship by Symbiosis International University in recognition of their outstanding academic performance. This achievement reflects their dedication to excellence and highlights the department's commitment to fostering academic achievement and nurturing future AI professionals.

Meritorious students were awarded the prestigious Merit Scholarship by Symbiosis International University in recognition of their outstanding academic performance. The scholarship acknowledges their dedication, perseverance, and academic excellence, reflecting the department's commitment to nurturing high-achieving students and fostering a culture of excellence.

Industrial Internship Program (July–November 2025) in collaboration with La Fondation Dassault Systèmes

Students successfully completed the Industrial Internship Program (July–November 2025) in collaboration with La Fondation Dassault Systèmes. Through industry-relevant AI projects in Generative AI, Intelligent Agents, and Decision Support Systems, they gained valuable hands-on experience in solving real-world enterprise challenges, strengthening their technical expertise and industry readiness.

Zayed University

Kashish Chelwani, a second-year student (Batch 2024–2028), successfully participated in the **Dubai Immersion Program 2026** at **Zayed University**. The program featured a masterclass on Artificial Intelligence and Data Science, providing valuable international exposure and enhancing her understanding of emerging technologies and global academic practices.

3DS IGNYT Dassault systems

Women students participated in 3DS IGNYT – Igniting Young Talent, an initiative by Dassault Systèmes organized on the occasion of International Women's Day. The program provided valuable industry exposure through interactions with technology experts, hands-on learning, and insights into AI/ML, simulation, and emerging technologies, encouraging greater participation of women in engineering and innovation.

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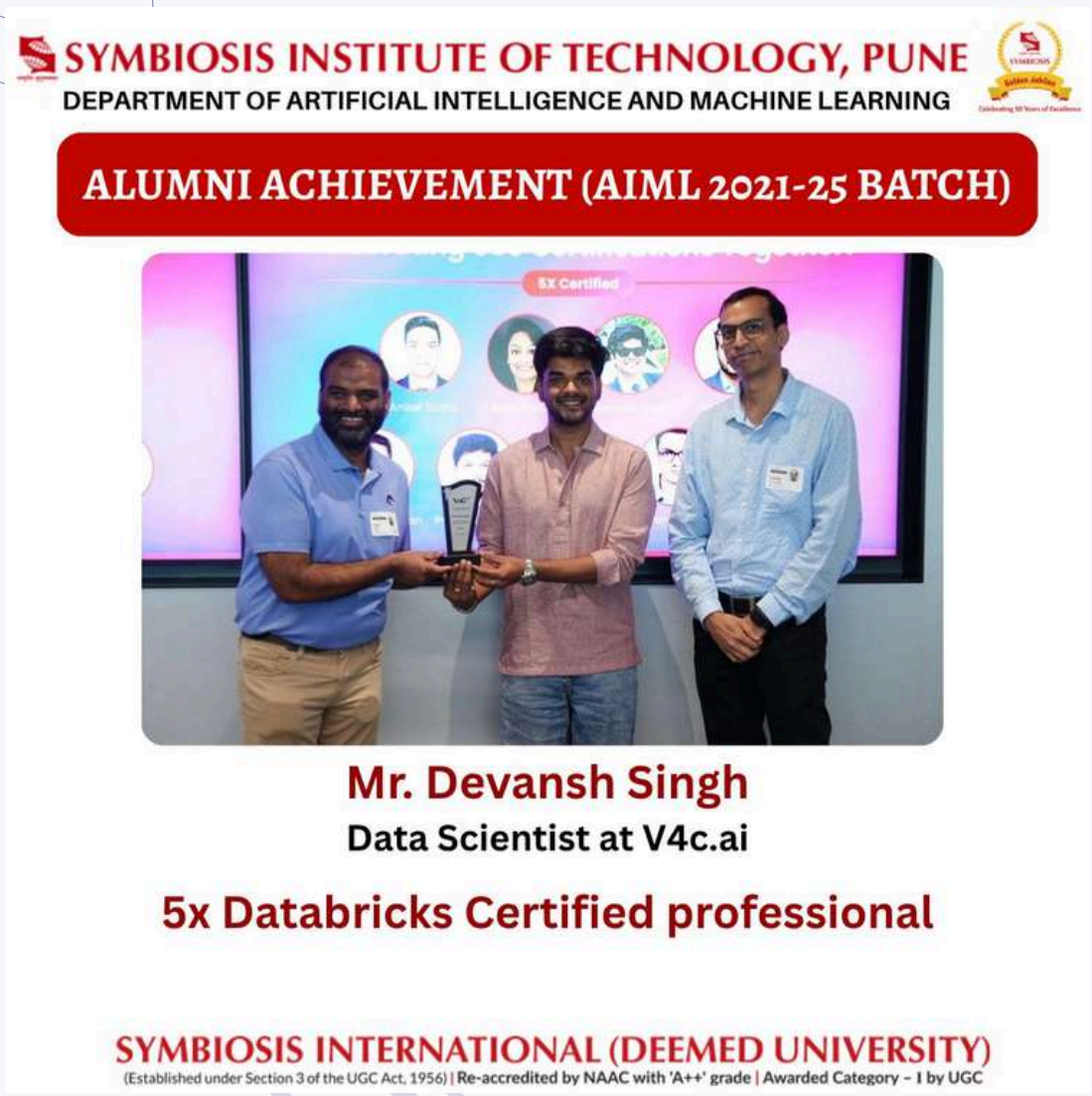
ALUMINI ACHIEVEMENTS



Our distinguished alumnus, **Mr. Devansh Singh (Batch 2021–2025)**, currently serving as a Data Scientist at **V4c.ai**, has achieved the remarkable distinction of earning five Databricks Certifications, demonstrating exceptional expertise in data engineering, cloud platforms, and modern AI-driven data solutions. His commitment to continuous learning and technical excellence was recognized through a formal felicitation by Mr. Vijay Rao, CEO of V4c.ai.

Our alumnus, **Mr. Om Shankar (Batch 2021–2025)**, received prestigious corporate recognition at **Seagate Technology**, Pune, for his exceptional engineering contribution to the development of the Employee Emergency Check-in App, a critical digital solution designed to strengthen workplace safety and enable real-time emergency response. His innovative work was further recognized through a coveted opportunity to showcase his technical contributions at Seagate's 10-Year Milestone Project Exhibition.

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INTERNSHIP & PLACEMENT

MarkyticsAI

Pre-final year students (Batch 2023–27) **Vraj Patel**, **Piyush Rajvaidya**, and **Parth Ubhe** as Software Engineers at **Markytics AI**.

PACCAR India

Pre-final year B.Tech students **Anisha Tamne** and **Ratan Maurya** secured placements at **PACCAR India**. Their breakthrough into the global technology domain showcases their strong analytical foundations and technical acumen.

Bajaj Finserv Health

Five students from our 2023–2027 batch- **Kashvi Singh**, **Utkarsh Lakhani**, **Arav Saxena**, **Sudhanshu Kulkarni**, and **Prikshit Gaur** - have secured prestigious placements at **Bajaj Finserv Health**.

Tracelink India

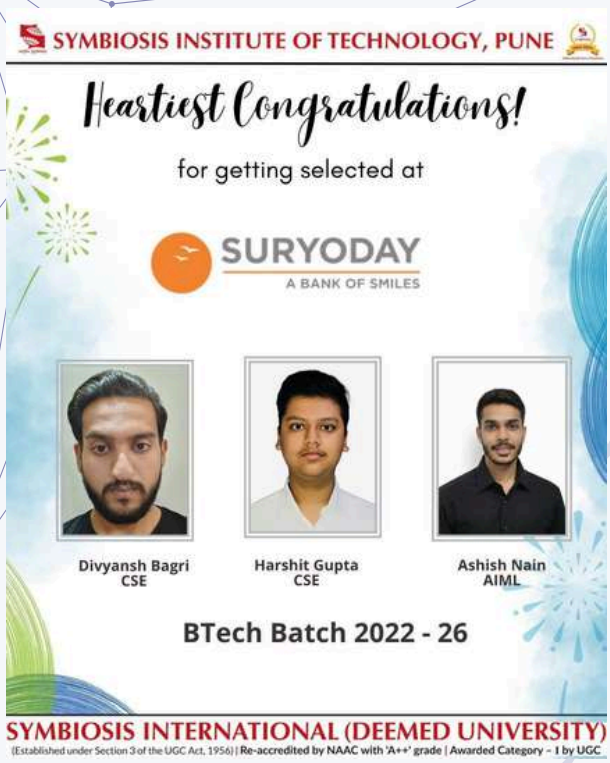
Pre-final year students, **Utkarsh Dwivedi** and **Aastha Chordia**, have been successfully placed at **Tracelink India**. Their selection stands as a testament to their personal drive, adaptability, and academic foundations.

Michelin India

Pre-final year students **Mahi Laddha** and **Piyush Gawade** have been selected by **Michelin India**. This stellar achievement highlights their technical capabilities and rewards their constant efforts.

Fidelity International

Pre-final year students **Aneeka Jain** and **Harshal Soni** have brought great pride to the department by securing placements at **Fidelity International**. Their selection highlights their advanced proficiency in data-driven environments.



Suryoday

Demonstrating the powerful intersection of finance and technology, final-year student **Ashish Nain** has secured a placement at **Suryoday Small Finance Bank**.

DIACTO

Pre-final year student, **Nakshatra Pal**, has secured a prestigious role as a **Research & Analytics Intern** at **Diacto Technologies**. Her selection brings well-deserved recognition to her skills in software quality assurance.

Dassault Systems

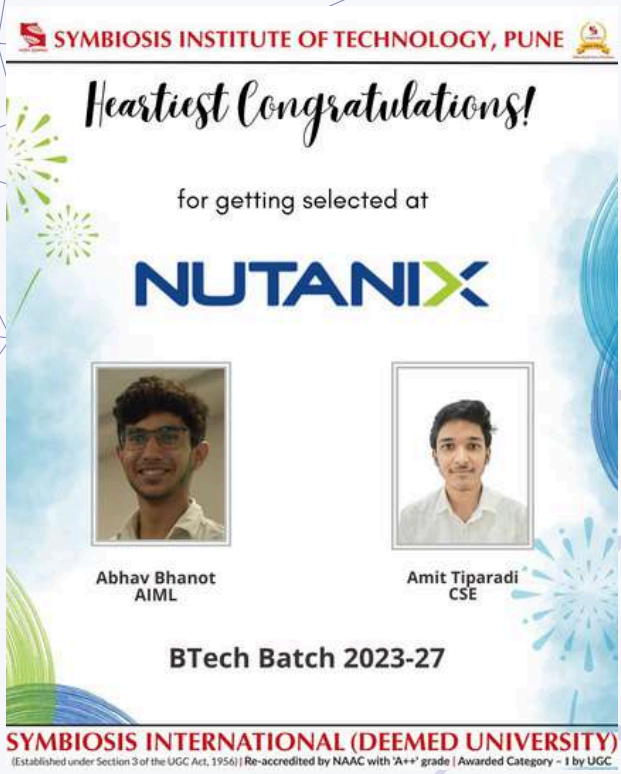
M.Tech students (Batch 2025–2027) - **Chetanya Bhadravati**, **Kunal Ajgaonkar**, **Akshaya Suryavanshi**, and **Jainil Patel** - were placed at **Dassault Systèmes**.

SAS R&D

Pre-final year student **Khushi Kashyap** (Batch 2023–2027) and M.Tech postgraduate student **Shravani Madiwale** (Batch 2025–2027) were successfully placed at **SAS R&D**.

FormaAI

Pre final year student, **Tom Thomas**, successfully got selected at **Forma.AI**. Securing a role at a leading organization utilizing artificial intelligence.



Nutanix

Abhav Bhanot, Pulkit Shrivastava and **Adesh Jain** - got successfully placed at **Nutanix**. This collective success underscores the strong technical foundation, innovative mindset, and industry readiness.

66degrees

Our students **Khushi Panchal**, **Amrut Ghadge**, and **Anish Virkhare** secured placement at **66degrees**. Securing roles at a premier cloud engineering and AI consulting firm.

TresVista

Our students, **Zaheer Khan** and **Kaushik More**, got successfully placed at **TresVista**. Securing roles at a leading global provider of high-end data analytics and financial services highlights their strong quantitative foundations.

KION group

Our student, **Arghya Paul**, got selected at **KION Group**. Securing a role with a global leader in supply chain solutions and industrial truck technologies highlights Arghya's strong capability in applying advanced analytical systems and automated tech frameworks to real-world engineering challenges.

JUSPAY

Heartiest congratulations to our exceptional student, **Hasitha Reddy Eppalapalli**, on securing a prestigious placement at **Juspay** with an outstanding package of **27 LPA**! Hasitha's success serves as an incredible inspiration for the entire student community, proving that high-tier engineering roles are well within reach.

Optywise AI Solution

Jyotika Raja successfully secured a **one-year internship** along with a conditional **Pre-Placement Offer (PPO)** at **Optywise AI Solutions**. She steps into this high-impact corporate role with a monthly internship stipend of ₹20,000, with her full-time software engineering role slated to activate based on her performance over the year.

HERE technologies

Our postgraduate cohort, with our M.Tech AIML students (Batch 2024–2026) secured high-impact placements at **HERE Technologies** with an impressive package of 11+ LPA!
Heartiest congratulations to our newly placed engineers:

- **Mr. D Vamsidhar – Selected as Data Scientist II**
- **Ms. Shivani Patil – Selected as Data Engineer II**
- **Ms. Sejal Hanmante – Selected as Database Engineer II**
- **Ms. Uzma Patil – Selected as AIML Engineer II**

Atomberg

Mr. Deven Dhake (B.Tech, Batch 2022–2026) got successfully placed at **Atomberg Technologies**. Transforming a competitive internship into a permanent role.

A Milestone of Excellence: Celebrating 100% Internship Success

Department-Wide Placement & Industry Alignment The Department of Artificial Intelligence and Machine Learning at SIT Pune is incredibly proud to share a historic milestone achieved by our B.Tech AIML cohort (Batch 2022–2026). In a remarkable feat of academic and professional excellence, 100% of our students have successfully secured industry internships!

Alongside this full placement success, our students have shattered benchmarks with top-tier corporate offers, including a highest package of ₹27 LPA and a highest internship stipend of ₹85,000 per month.

Optywise AI placement drive

The Department of AI & ML, SIT Pune, successfully organized the **Optywise Placement Drive** on 20 June 2026, creating valuable career opportunities for students. The initiative, supported by **Mr. Dipen M., CEO & Founder of Optywise**, and distinguished alumnus Mr. Rahul Purandare, strengthened industry-academia collaboration and enhanced student employability.

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FACULTY ACHIEVEMENTS

Best Research Paper- Priyanka V. Deshmukh

Dr. Priyanka V. Deshmukh, has been honored with the **Best Research Paper Award at the 3rd IEEE Technology & Innovation Conference (TIC-2026)** held in **Kuala Lumpur, Malaysia**. Her research paper, **"Deep Learning Approach for Multi-Class Classification of Guava Fruit Diseases,"** was recognized for its innovative application of Artificial Intelligence and Deep Learning in smart agriculture. The research was carried out in collaboration with Dr. Aniket Shahade, Mr. Ketan Kotecha, and Dr. Shruti Patil.

Summer institute 2026, Train the trainers program (LETI, Russia)- Prof. Aditi Saxena

Prof. **Aditi Saxena**, has been selected to participate in the prestigious Summer Institute 2026 – **Train-the-Trainers Program** organized by **Saint Petersburg Electrotechnical University (LETI), Russia**,

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Empowering teachers with AI- Dr. Archana Chaudhari

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Dr. Archana Y. Chaudhari, faculty member at the Department of Artificial Intelligence and Machine Learning, SIT Pune, served as a Resource Person for a two-day Teacher Training Program titled "**Empowering Teachers with AI**" conducted at Symbiosis School, Nashik, on June 11–12, 2026. The program was organized to equip educators with the knowledge and skills required to effectively implement the CBSE CTAI curriculum, covering topics such as AI fundamentals, Machine Learning, Generative AI, prompt engineering, classroom activities, project ideas, and the ethical use of AI in education.

Dr. Pooja Kamat, and **Dr. Archana Chaudhari**, have been awarded the SIU Intramural Minor Research Project Grants for their research proposals in Applied AI. Dr. Pooja Kamat's project focuses on "AI for Precision Aquatic Management," while Dr. Archana Chaudhari's research is centered on "AI for Healthcare".

A research team comprising **Dr. Ketan Kotecha, Dr. Shruti Patil, Dr. Shrikrishna Kolhar**, and **Mr. Nikhil Malhotra** was awarded the prestigious **AICTE Research Promotion Scheme (RPS)** – Lab to Market Grant for their AI + Healthcare project.

Dr. Rahesha Mulla, Dr. Pooja Kamat, Dr. Aniket Shahade, and Mr. Mayur Gaikwad successfully guided B.Tech final-year student projects under the Industrial Internship Program in collaboration with La Fondation Dassault Systèmes. The initiative provided students with valuable industry mentorship and practical project experience.

The Department of AI & ML, SIT Pune, hosted **Mr. Protyush Borgohain**, Vice President (IT Infrastructure), and Ms. Mrunali Dafare, HR Manager (IT), Kohler Co., for an industry interaction. The discussion focused on Applied AI, technology collaboration, and future opportunities.

Dr. Sumit Kumar, Head, Department of AI & ML, SIT Pune, represented Symbiosis Institute of Technology in the FICCI Higher Education Mission to Taiwan and Thailand. The visit fostered discussions with leading universities and industry partners on Artificial Intelligence, semiconductors, global research collaborations, student exchange, and industry-integrated education.

Dr. Ketan Kotecha, Director, Symbiosis Institute of Technology, Pune, **authored an insightful article** on **Agentic AI and its transformative role in engineering education**. The article highlights the importance of integrating intelligent AI systems with core engineering principles and responsible AI practices to prepare future-ready engineers.

Faculty members from the Department of AI & ML, SIT Pune, visited **Optywise AI Solutions** for an industry interaction aimed at strengthening academia–industry collaboration. Discussions focused on internships, industry projects, expert sessions, and collaborative initiatives.

Dr. Ketan Kotecha, Director, Symbiosis Institute of Technology, Pune, was invited as the **Chief Guest** for the **Convocation Ceremony at K. V. Pendharkar College of Arts, Science and Commerce, Dombivli**. He delivered the convocation address, inspiring over 800 graduating students and emphasizing the importance of lifelong learning, leadership, and professional excellence.

Faculty members from the Department of AI & ML, SIT Pune, visited **Tech Mahindra** for discussions on **industry–academia collaboration**, **research**, **internships**, **student projects**, and **emerging technologies**. The visit included an interaction at the **Makers Lab**, fostering innovation-driven learning and strengthening opportunities for future collaboration.

Faculty members, visited **Intellore Systems Pvt. Ltd.** to explore opportunities for industry–academia collaboration. Discussions focused on **student projects**, **internships**, **industry mentoring**, and **collaborative initiatives** aimed at enhancing practical learning experiences and strengthening students' industry readiness.

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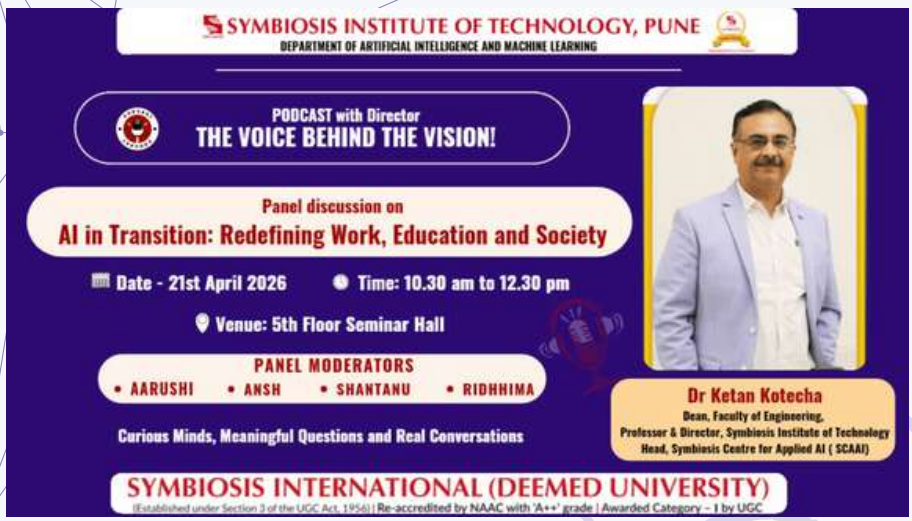
GUEST LECTURE & INDUSTRY VISIT

The Department hosted an inspiring Industry-Academia Interaction with **Kohler Co.** on 23rd April, featuring senior leaders from Kohler Digital, including **Eric Tabor (Chief Digital Officer)**. .

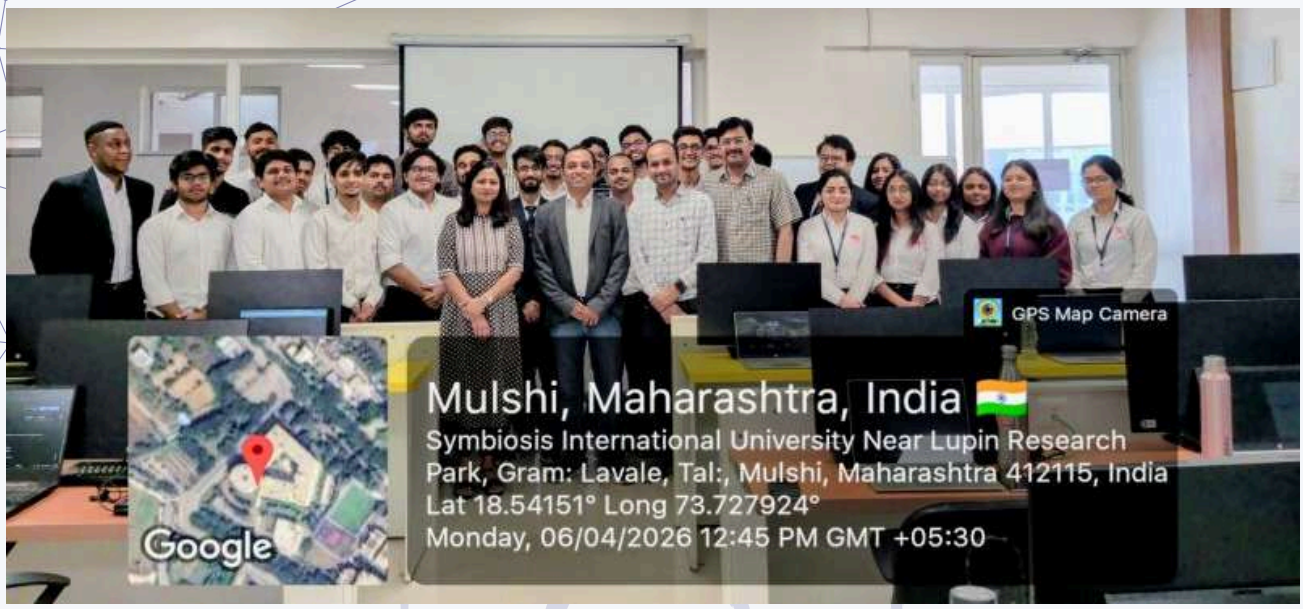
The Department organized a hands-on session on "**Transfer Learning in Computer Vision**" by Mr. Sanjay Sane for third-year students (2023–27 batch) on April 8–10, 2026.



The Department hosted a special podcast session on "**AI in Transition: Redefining Work, Education and Society**" featuring **Dr. Ketan Kotecha**, Dean, Faculty of Engineering, Director, Symbiosis Institute of Technology, and Head, SCAAI.

The Department organized a workshop on "**Resume Building and Interview Preparation**" by **Mr. Soham Dadarkar** for second-year, third-year, and M.Tech students as part of the SDP and Workshop Initiative.

The Department organized the **AI Drishti Webinar Series** in April 2026, featuring expert sessions on internships and internationalization opportunities, iOS application development, and Generative AI with GPU acceleration.



The Department organized a **Hands-on Workshop** on **Generative AI & Prompt Engineering** for M.Tech students on 6th April 2026. Conducted by **Mr. Umesh Patharkar**, the session covered **Prompt Engineering, Retrieval-Augmented Generation (RAG), Azure AI Services,** and **AI system design**, providing students with practical experience in modern AI technologies.

The Department organized a two-day guest lecture on "**ARTS in AI Systems—Accountability, Responsibility, Transparency and Sustainability**" for first-year students on 26th and 27th March 2026, delivered by **Ms. Preethy Ann Kochummen.**

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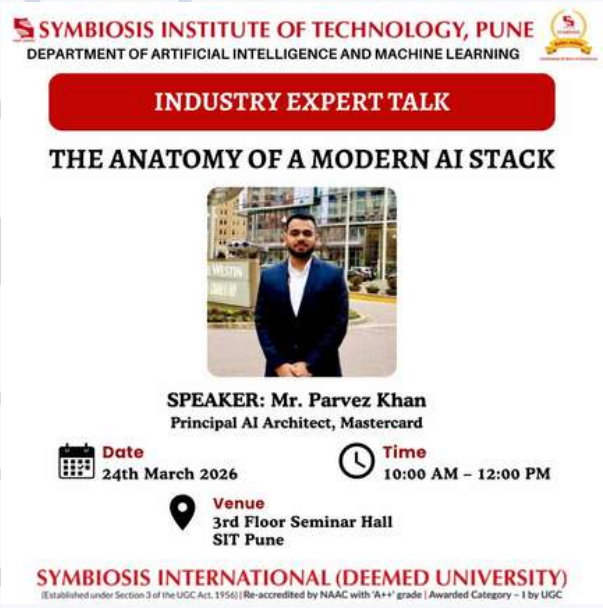
The Department organized an expert session on "**Human-Aligned AI: Practical Reinforcement Learning and RLHF in Large Language Models**" by **Dr. Smita Mahajan** on 26th March 2026. The session introduced **Reinforcement Learning (RL) and Reinforcement Learning from Human Feedback (RLHF)**, offering M.Tech students valuable insights into aligning Large Language Models with human intent and real-world AI applications.

The Department hosted an expert session on "**The Anatomy of a Modern AI Stack**" by **Mr. Parvez K. Khan**, **Principal AI Engineer at Mastercard**.



The Department organized an Industry-Led Hands-On Session on **Supervised Machine Learning** for second-year B.Tech AIML students (Batch 2024–2028). Conducted by **Mr. Amol Mahajan**, **AI Tech Lead at Academian Inc.**, Pune.

The Department organized an online **Alumni Guidance Session** for M.Tech AIML students (2025–27 Batch) on 7th February 2026. **Mr. Payas Deshpande**, **Data Scientist at Dassault Systèmes**, Pune.

The Department organized a **Prompt Engineering Workshop** as part of its **Alumni Guidance Session** on 31st January 2026. **Mr. Aadith Sukumar**, **Associate Software Engineer at A.P. Moller – Maersk** and an alumnus of the department, conducted an interactive session on prompt engineering.

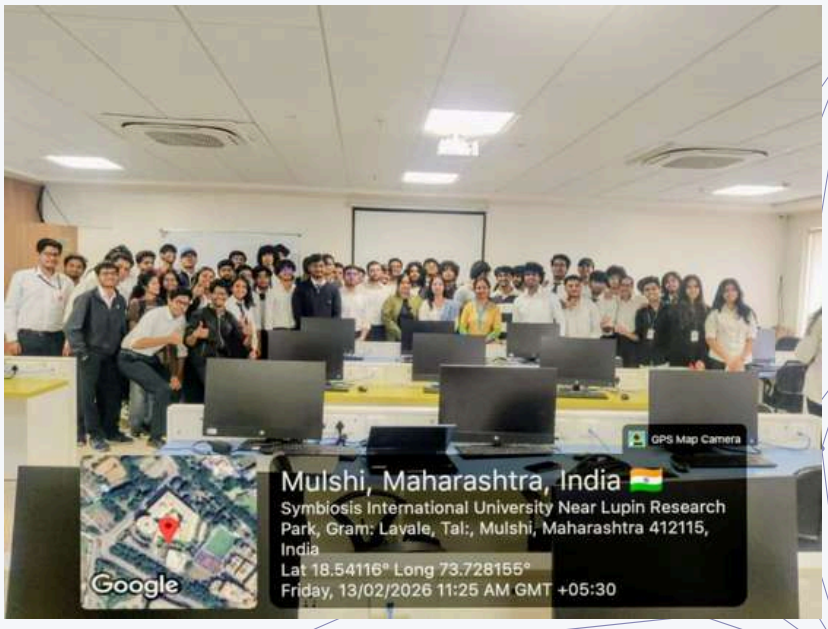
The Departments held an industry interaction with **Mr. Nimesh Desai**, **Advisory Software Engineer at IBM India Systems Development Lab (ISDL).**

The Department, in collaboration with **NASSCOM AI**, organized the AI Code Sarathi Workshop, offering hands-on training in **Agentic AI, Prompt Engineering, Retrieval-Augmented Generation (RAG), and industry-relevant AI tools**. As the only institute in Maharashtra to host this prestigious initiative, the program strengthened students' practical AI skills and industry readiness through expert-led sessions.

The Department organized an industry visit to **YAGY Tech Pvt. Ltd.** as part of the ongoing PBL-2 collaboration with **Mealawe**. The visit provided students with practical exposure to API development and deployment, along with industry-oriented guidance.

The Department organized a Student Development Program (SDP) for third-year B.Tech AIML and M.Tech AIML students from 16–18 February 2026. The program focused on **Quantitative Aptitude, Reasoning, and Verbal Ability.**

The Department organized a Student Development Program (SDP) for second-year B.Tech AIML students (Batch 2024–2028) from 10–13 February 2026. The program focused on **enhancing technical skills, practical knowledge, and industry-oriented learning.**



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DEPARTMENTAL ACHIEVEMENTS

The Department successfully organized **Industry Conclave 2026**, bringing together **industry experts**, **academicians**, and **students to strengthen academia–industry collaboration**. The conclave featured an Industry–Academia Panel Discussion on the future of AI, talent development, and emerging technologies.

The Department conducted a comprehensive review of 100+ AI/ML projects developed by second- and third-year B.Tech AIML students, in the presence of Dr. Ketan Kotecha.

PBL SHOWCASE 2026: CELEBRATING EXCELLENCE

The Department proudly recognizes the **outstanding performances** of students during the **Project-Based Learning** (PBL) Showcase 2026. The event highlighted innovative solutions, technical expertise, creativity, and effective problem-solving demonstrated by student teams across multiple semesters. After a comprehensive evaluation by the faculty panel, the following projects were awarded for their exceptional quality, innovation, and real-world impact.

SECOND YEAR PBL WINNERS

- **FIRST PRIZE**

Adhya AgarwaL, Abhishek Shrivastava, and Aditya Singh

- **SECOND PRIZE**

Harsh Jain, Apurva Satkar, and Chaitanya Gaur

- **THIRD PRIZE**

Atherva Srivastava, Aadya Rastogi, Deshna Tendulkar, and Ojas Kasare

- **CONSOLATION PRIZE 1**

Kavish Nag, Kunal Jhindal, Sreevals Nair, and Nirvan Uttamchandani

- **CONSOLATION PRIZE 2**

Rishi Dwivedi, Kashif Kamran, and Rishik Gupta

THIRD YEAR PBL WINNERS

- **FIRST PRIZE**

Farhan Tanveer, Anjal Poudel, Lochan Paudel, and Gaurab Kushwaha

- **SECOND PRIZE**

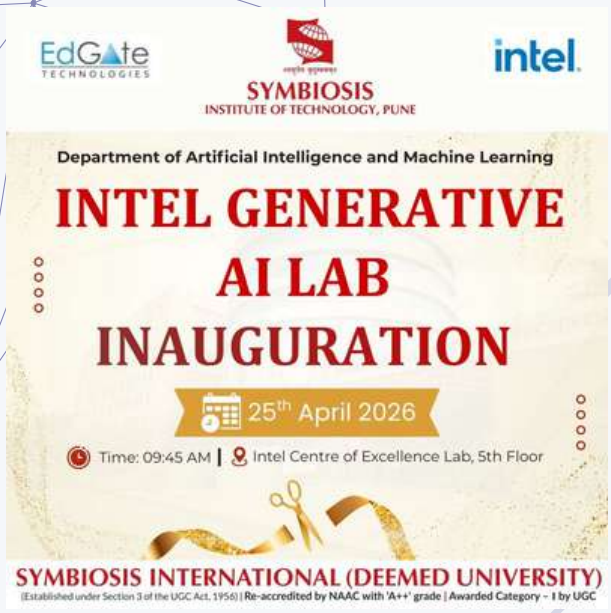
Aneeka Jain, Pulkit Shrivastava, Prisha Vohra, Rithikaa Redde, and Ratan Maurya

- **THIRD PRIZE**

Devershika Mohane, Kushbu Agrawal, Abhav Bhanot, Janhavi Doijad, and Dhwani Bhavankar

The M.Tech AIML Batch (2024–2026), presented innovative research in **Generative AI, Computer Vision, Natural Language Processing, Explainable AI, Cybersecurity, and Deep Learning**.

Final-year students (Batch 2022–2026) from, have successfully completed their Internship and Seminar End Semester Examination (ESE) presentations. Having completed internships at leading organizations such as **Maersk**, **Juspay**, **Cohesity**, and **Nutanix**, the cohort utilized these sessions to showcase their practical industry experience, advanced technical expertise, and remarkable professional growth.



The Department, inaugurated the **Intel Generative AI Lab** on 25 April 2026, marking a significant milestone in advancing AI education and innovation. The lab provides students with access to cutting-edge technologies, fostering research, hands-on learning, and industry-oriented skill development in Generative AI.

SYMBIOSIS INSTITUTE OF TECHNOLOGY, PUNE

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

Celebrating 50 Years of Excellence

FAREWELL & GRADUATION

We, the Department of Artificial Intelligence and Machine Learning, stand in proud admiration as we officially bid farewell to our graduating cohort. From their very first day navigating engineering fundamentals to their final-year capstone presentations, the journey of this batch has been defined by relentless intellectual curiosity, profound academic breakthroughs, and unforgettable camaraderie. They have not only mastered complex algorithmic frameworks but have also set high benchmarks for leadership, community building, and technical excellence across the entire institute.

As they step beyond the gates of SIT Pune, these graduates carry forward much more than a degree; they leave equipped with the real-world experiences, adaptability, and core values required to engineer meaningful global impact. We are incredibly proud of the innovators, researchers, corporate leaders, and entrepreneurs they have grown to become. The entire AIML faculty and staff wish the Class of 2026 boundless success, happiness, and historic breakthroughs as they chart their journeys ahead. Remember, your connection to the department remains unbroken - Once a SITian, Always a SITian!

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BATCH: M.TECH (2024-26)

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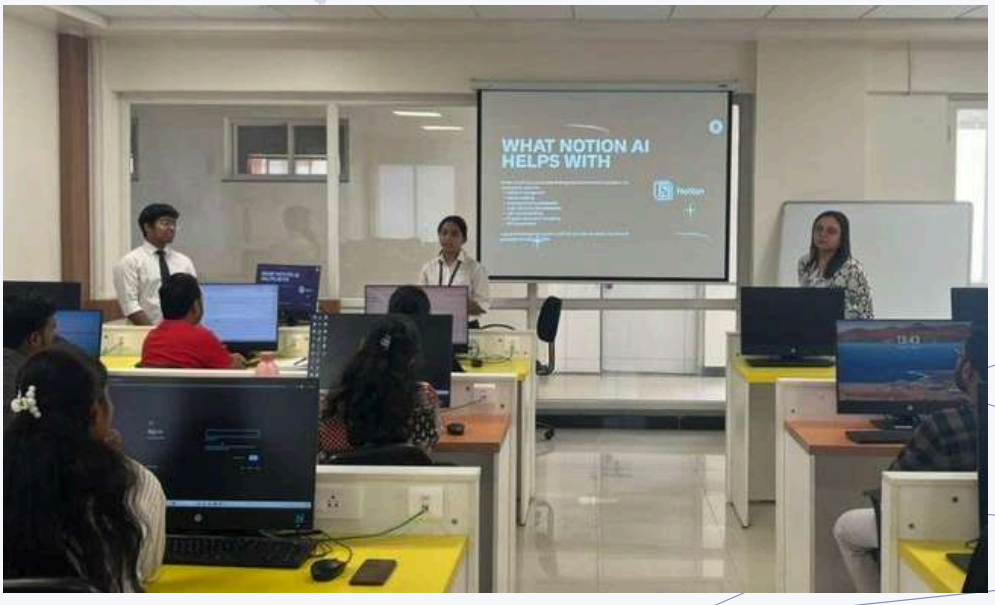
AI CLUB & ITS ACTIVITIES

AI Tools Training Session for Non-Teaching Staff

On February 14, 2026, the AI Club conducted an AI productivity training session for SIT's non-teaching staff, led by Shriya Kurup and Vinayak Varshney. The session provided hands-on experience with Notion AI, Google Sheets, and Canva AI to automate workflows, improve documentation, and enhance data management, promoting digital transformation across the institute.



Research & Knowledge Sharing Initiatives

The AI Club's research publication vertical became a core driver of technical literacy this semester, releasing a series of high-level, analytical articles designed to simplify complex algorithmic frameworks and AI safety paradigms for tech enthusiasts.

- **"Giving the AI a Notebook" – Recursive Language Models (February 2026):** Authored by **Dhawal Mehrotra**, this educational piece dissected the architecture of Recursive Language Models (RLMs). The article explored how integrating recursive reasoning mechanisms allows models to efficiently handle massive long-context prompts while significantly enhancing independent machine reasoning and contextual accuracy.

- **A Comparative Study of OpenAI and Anthropic (March 2026):** Contributors **Dhawal Mehrotra, Saatwik Sharma,** and **Yeshwanth Nukala** published an in-depth comparative analysis evaluating the contrasting operational and ethical philosophies of OpenAI and Anthropic. The study provided readers with a clear understanding of the industry's differing approaches to model training mechanics, safety alignment protocols, and enterprise scalability.

- **Vectors and Veils: The Geometry and Tragedy of the Assistant Axis (April 2026):** Delving into the frontier of AI safety research, contributor **Dhawal Mehrotra** penned a deeply technical article focusing on Large Language Models (LLMs). The piece explored the critical complexities of the "Assistant Axis," analyzing systemic vulnerabilities such as persona drift, jailbreak mitigation strategies, and the structural application of activation capping to keep emerging neural models secure.

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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

QUANTUM CLUB & ITS ACTIVITIES

The Symbiosis Quantum Club

stands as a premier hub for deep-tech exploration and next-generation computational mechanics at SIT Pune. Operating at the forefront of physics, mathematics, and advanced computing, the student-led club provides a fertile ecosystem where members transition from theoretical concepts to breakthrough engineering. Through high-level industrial immersions, technical research initiatives, and public outreach workshops, the club actively prepares the student community to lead the impending global quantum revolution.

Decoding Quantum Projects Session

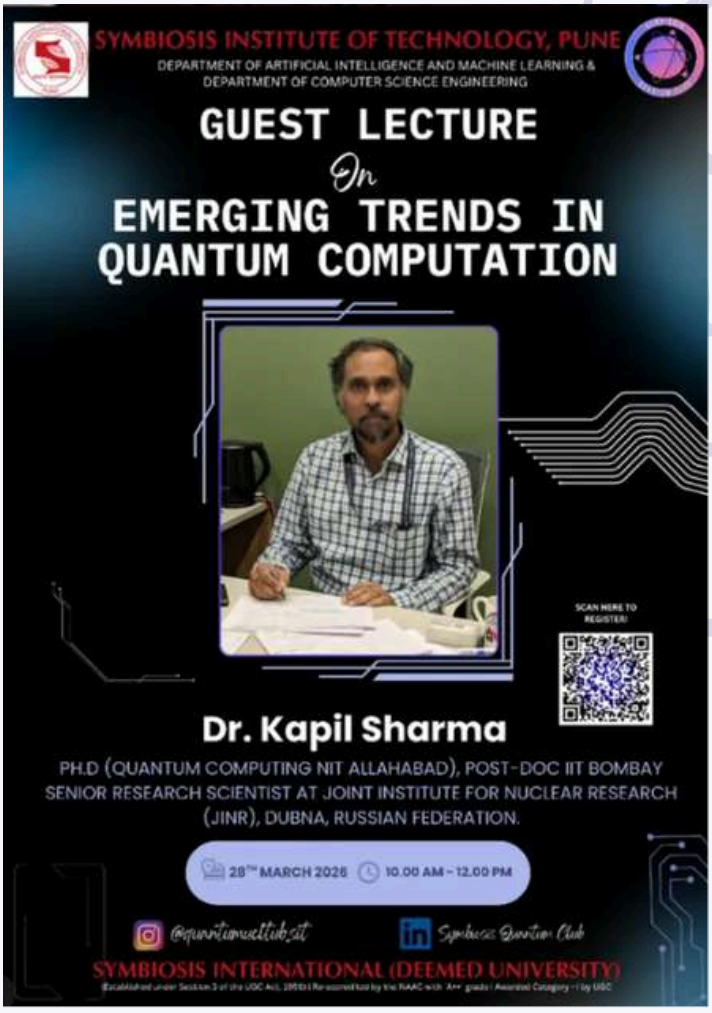
On January 31, 2026, the Symbiosis Quantum Club launched its semester with “Decoding Quantum Projects,” an orientation workshop in Classroom 501. Led by the core engineering team, the session guided students through project ideation, resource planning, and research pathways, establishing a foundation for collaboration and quantum-focused development.

National Science Day: Power BI Workshop

On February 28, 2026, the Quantum Club celebrated National Science Day by hosting a hands-on Power BI workshop in the DS/AI Lab for students of Symbiosis International School, Viman Nagar. Under the guidance of Dr. Archana Chaudhari and Dr. Pooja Kamat, participants learned data cleaning, modeling, and dashboard creation through mentorship by student trainers. The session concluded with an analytics quiz, promoting data literacy and scientific thinking.

Scholar Feature Initiative

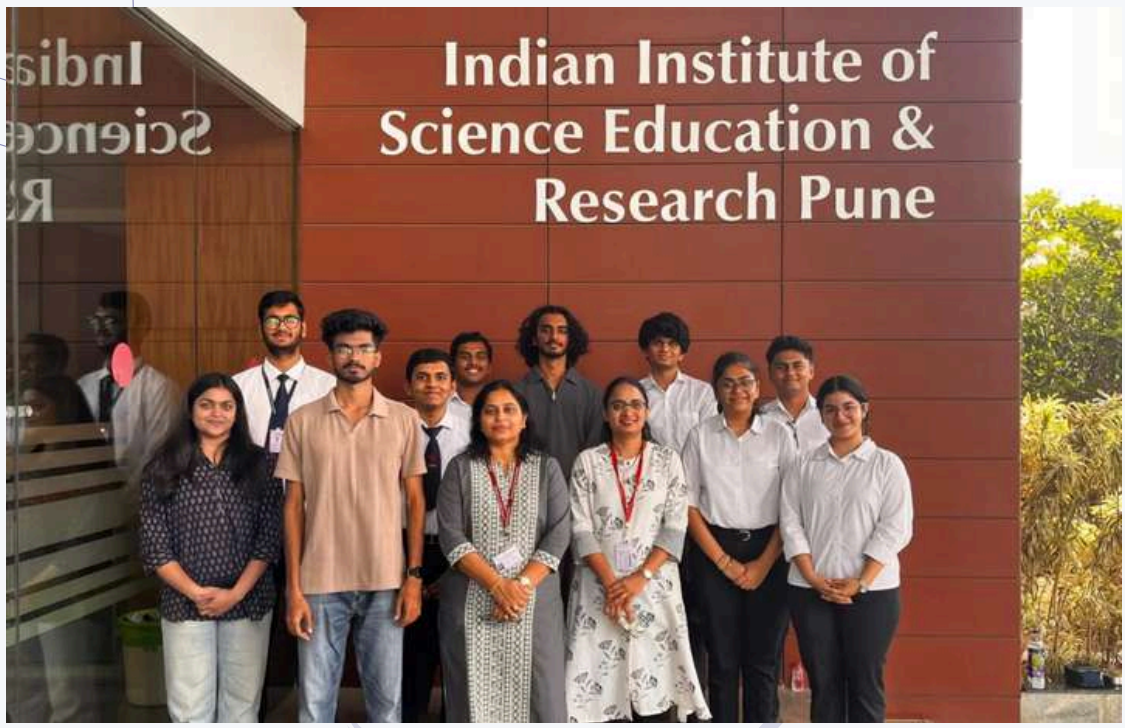
In March 2026, the Quantum Club launched its “Scholar Feature” digital series to simplify and share breakthroughs in quantum physics. The inaugural edition highlighted Dr. Fabrizio Berritta’s research on qubit stability and quantum decoherence mitigation, transforming complex scientific concepts into accessible, engaging content to promote quantum literacy.



Guest Lecture: Emerging Trends in Quantum Computation

On March 28, 2026, the Symbiosis Quantum Club, in collaboration with AIML and CSE departments, hosted the online lecture “Emerging Trends in Quantum Computation” featuring Dr. Kapil Sharma, Senior Research Scientist at JINR, Russia. The session covered quantum algorithms, hardware scalability, and career opportunities, providing students with valuable exposure to global quantum research.

Industrial Visit: IISER Pune I-HUB QTF Lab



In April 2026, the Symbiosis Quantum Club, along with faculty mentors Dr. Archana Chaudhari and Dr. Rashmi Dharwadkar, visited the I-HUB Quantum Technology Foundation Lab at IISER Pune. Students explored advanced quantum systems, including QKD networks, ion-trap setups, NMR architectures, and quantum optics equipment. The visit concluded with insights from Mr. Kunj Tandon, CEO of I-HUB QTF, on industry trends and career opportunities in quantum technology.

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