SIES Graduate School Of Technology, Nerul

Graduate School of Technology

SIES
RISE WITH EDUCATION

NEWSLETTER
First Half 2025
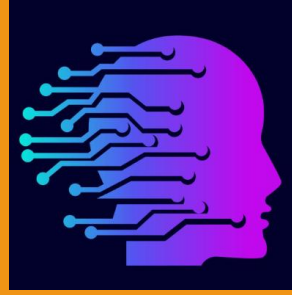
Department of Artificial Intelligence & Machine Learning

Graduate School of Technology

SIES

RISE WITH EDUCATION

From The HOD's Desk

It gives me great pride to present this edition of the AIML department newsletter, celebrating the creativity, innovation, and academic spirit of our students and faculty in the dynamic field of Artificial Intelligence and Machine Learning. As we embrace the limitless potential of AI, let us stay committed to excellence, research, and ethical innovation.

I commend our faculty for their dedication and mentorship, and our students for their curiosity and pursuit of knowledge. Together, we are fostering a community built on innovation, collaboration, and integrity.

May this edition inspire you with its highlights of achievements and initiatives. Let us continue striving for excellence and contributing meaningfully to the world of engineering and technology.

Dr. Varsha Patil HoD, Department of AIML

Artificial Intelligence & Machine Learning Department

VOLUME:3 ISSUE:2

VISION

Impart prime content education to develop technically proficient and socially responsible engineers in the emerging branches of AI.

MISSION

1. To provide students with a comprehensive education to prepare them for the rigors in the domain of AI.

2. To establish a platform for academics, innovation, professional growth, and social interaction.

3. To encourage the capacity for lifelong learning necessary for career advancement.

4. To help build relationships with alumni and industry for the betterment of students' overall growth.

AIML DEPARTMENT NEWSLETTER

Program Educational Objectives (PEOs)

1. Develop leadership abilities for professional advancement.

2. Pursue higher education to learn and advance their careers.

3. Promote services in the field of Artificial Intelligence Engineering through excellent technical and communication skills.

Program Specific Outcomes (PSOs)

1. Students are exposed to cutting-edge trends and technology to prepare them for challenging work in the industry, higher education, and professional careers.

2. Practice skills learnt in the field of Artificial Intelligence & Machine Learning to different domains such as Healthcare, Education, Agriculture, Finance, Social Media etc.

Department Faculty

1. Dr. Varsha Patil, HoD

2. Ms. Nita Patil, Assistant Professor

3. Dr. Arundhati Das, Assistant Professor

4. Ms. Jasmin Hirani, Assistant Professor

5. Ms. Dnyanada Khandagale, Assistant Professor

6. Ms. Sumedha Maindalkar, Assistant Professor

7. Dr. Bhagyalakshmi Mukunda, Assistant Professor

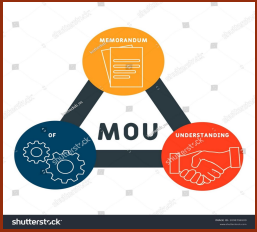8. Ms. Ketki Kasudikar, Assistant Professor

Non Teaching Staff & Class Strength

Non Teaching Staff

Sr. No.	Name
1	Mr. Prasad Tambe

Class Strength

Year	Total No. of Students	Boys	Girls
B.E.	69	52	17
T.E.	67	53	14
S.E.	66	42	24

Memorandum of Understanding (MoU)

- Prof. Archana Arundkar signed MoU with Celestelar on 28th August 2024.

- Prof. Jasmin Hirani signed MoU with VocSkills on 20th September 2024.

Value Added Course (VAC)

- Dr. Varsha Patil and Prof. Jasmin Hirani organized and conducted 5 days session on "Deep Learning" from 8th Jan to 12th Jan 2025.

- Prof. Nita Patil and Prof. Dnyanada Khandagade organized and conducted 5 days session on "Crafting Intelligence: IoT and Data VIsualization" from 06th Jan to 11th Jan 25.

- Dr. Arundhati Das and Dr. Varsha Patil orgalized and conducted 5 days session on "Computer Vision and Deep Learning: Concepts to Applications" from 23th June to 27th June 2025.

Industrial Visit

- The AIML Department organized an Industrial Visit to Pralhad P. Chhabria Research Center on 11th March 2025. Total 16 students visited.

Copyright and Publications

- Copyright Registered for title a "imension Capture Uses Aruco Marker For Accurate, Cost-Effective Object Measurement, Supporting Single And Multiple Objects" on 27 February 2025 by Atharva Mahesh Kaskar , Yash Gangasagar Varma , Shrey Mahesh Mhatre, Dr. Varsha Santosh Patil, Dr. Arundhati Das.

Copyright and Publications

- Copyright Registered for title a "Campus Edutrack, A Python Based Software Automating Student Data Management, Improving Accuracy, Reducing Time, And Promoting Ecofriendly Practices With Streamlined Processes" on 09 March 2024 by Atharva Abhijit Golwalkar, Dr. Varsha Santosh Patil, Nita Vitthal Patil, Atharva Mahesh Kaskar, Prathamesh Nitin Gajare, Dipak Shahaji Ghadge.

Expert Lectures/ Workshop

- Introduction to IET Students chapter on 4th Feb 2025 by Ms. Saudamini Dutta

- Dr. Varsha Patil organized a Expert talk for the subject CSS on the topic "Ethical Hacking"by Mr. Siddhesh Vaidya, Hacktify, 14th Feb 2025.

- Prof. Jasmin Hirani organized a Expert talk for the subject AOA on the topic "Algorithmic Analysis", Mr. Samprit Chaurasiya, CE ALumni 2023 Batch, Software Engineer, Cimpress, 14th Feb 2025.

- Dr. Arundhati Das organized aExpert talk for the subject ML on the topic "From Data to decisions: Machine Learning in Action" by Rithik Raj Vaishya, Founder & CEO, RV TechLearn on 17th Feb 2025.

Expert Lectures/ Workshop

- Dr. Bhagyalakshmi M. organized One Day Workshop for the subject AAI on the topic "GenAI and Data engineering" by Mr. Mrityunjay Kumar Pandey, Founder"Itdaksh Education" on 18th Feb 2025.

- Prof. Nita Patil from the AIML Department organized an expert talk on "Cloud Computing" on 18th March 2024, delivered by Mr. Ajit Kumar (CE Alumni, Batch 2015-19).

- Guest Lecture organized by AIML Department on "Internship Opportunities" for SE AIML Students on 7th March 2025.

Faculty/Student Paper Publication

- Dr. Varsha Patil, P.V. Krishnan, Sahil Brid, Onkar Shivarkar, Adhiraj More presented paper on the topic "Neuro Symbolic AI for Medical Image Diagnosis" at MulticonW25 , IC-ICN-2025 at Thakur College of Engineering and Technology on 21st February 2025.

- Dr. Varsha Patil, Suyash Utekar, Aditya Randive, Pranav Pillai presented paper on the topic "TransBioRetro: A Transformer-based Self-Correcting Beam Search Framework for Bio-Retrosynthesis Prediction " at MulticonW25 , IC-ICN-2025 at Thakur College of Engineering and Technology on 21st February 2025.

- Prof. Jasmin Hirani, Aditi Patwardhan, Iram Mukri and MItesh Mane presented paper on the topic "Diabetic Retinopathy Classification using Deep Learning" at MulticonW25, IC-ICN-2025 at Thakur College of Engineering and Technology on 21st February 2025.

Faculty/Student Paper Publication

- Prof. Jasmin Hirani, Zaid Chikte, Atharva Shinde, Vinit Joshi and Asil Salam presented paper on the topic "Heart Attack Prediction" at MulticonW25, IC-ICN-2025 at Thakur College of Engineering and Technology on 21st February 2025.

- Prof. Hemangi Dharav, Nivedh Anakakkil, Nikhil Ravariya, Shoaib Shaikh, Chandana Shastri presented paper on the topic "Hybrid model for video enhancement" at MulticonW25 , IC-ICN-2025 at Thakur College of Engineering and Technology on 21st February 2025.

- Dr. Bhagyalakshmi published a paper on "Licence plate redaction algorithm: a privacy-preserving approach." in International Journal of Artificial Intelligence and Soft Computing 8, no. 3 (2024): 215-237.

# Faculty/Student Paper Publication

Student's Achievement

- Noor Sayyad received GSTIAN award at TML 2025 on 31st Jan 2025.

- Krishnan Venkiteswaran received Technical Excellence at TML 2025 on 31st Jan 2025
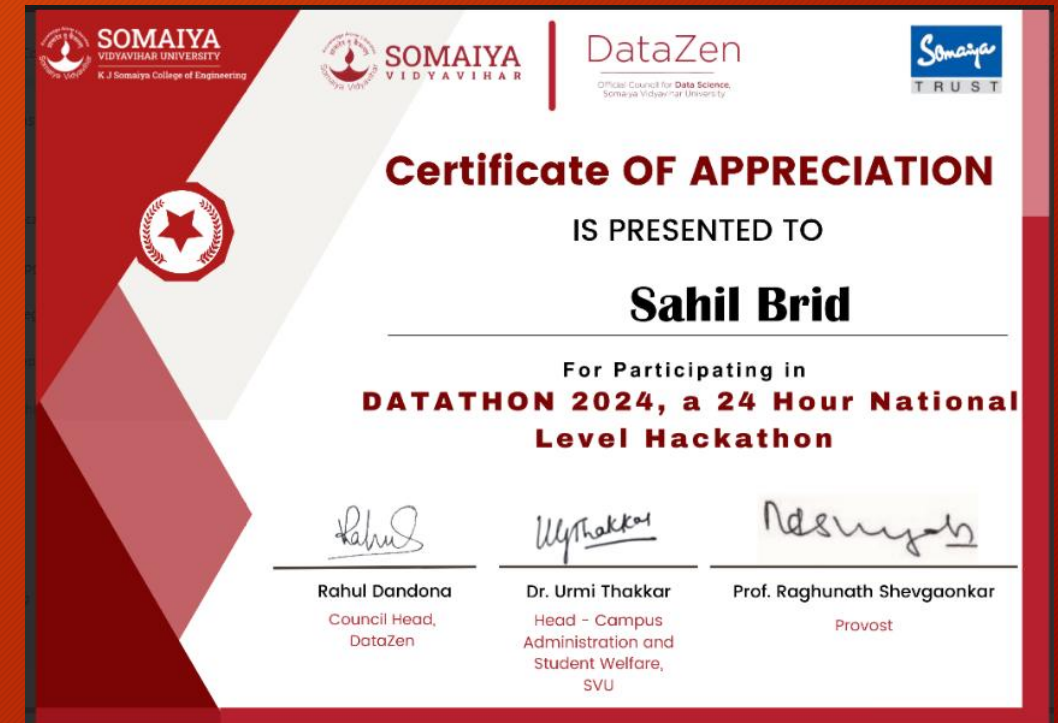
Students Achievement

- Krishnan Venkiteswaran (BE AIML) and Sahil Brid (BE AIML) for their outstanding achievement in winning (First Rank) the "HackTU 6.0" at Thapar Institute of Engineering and Technology, Patiala on 9th Feb 2025
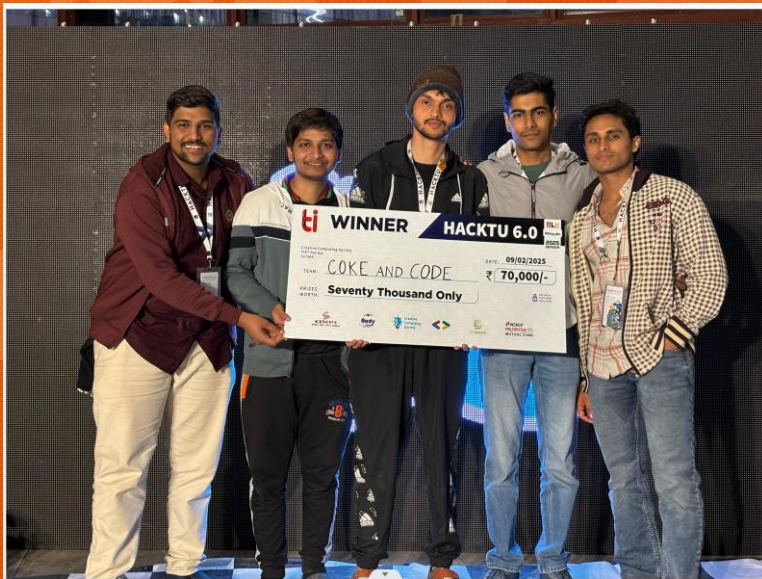
Students Achievement

- Krishnan Venkiteswaran (BE AIML) and Yash Varma (TE AIML) for their outstanding achievement in winning the Datathon at K.J. Somaiya College of Engineering on 2nd Feb 2025.

Students Achievement

- Krishnan Venkiteswaran (BE AIML) & Yash Varma (TE AIML), secured first prize (₹75,000) at the prestigious "The Great Bengaluru Hackathon." Collaborating with talented peers from other institutions, they demonstrated outstanding innovation, problem-solving skills, and technical expertise organized in the month on 16th March 2025 .
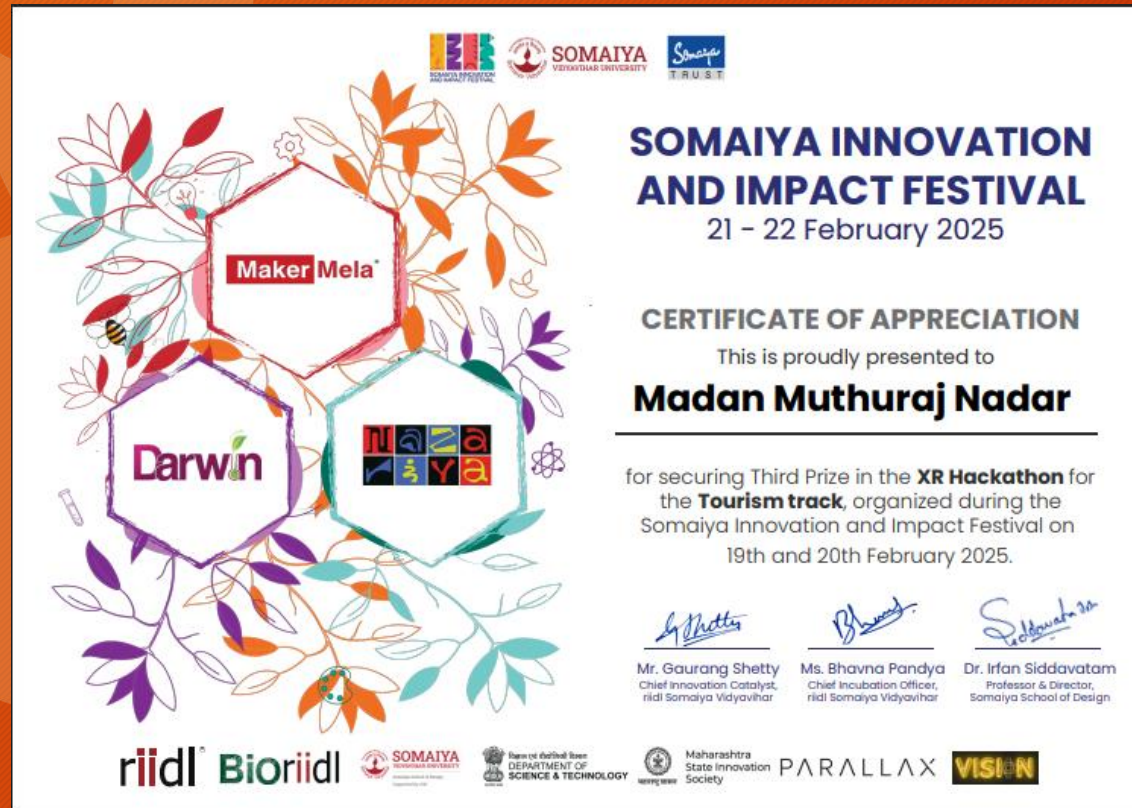
Students Achievement

- Krishnan Venkiteswaran, Sahil Brid and Vaibhav Kachare won the Techxter National level paper presentation competition organised by IETE SIESGST. They presented their paper "BiLSTMs and Liquid state machines for computerised vocal health monitoring" on 21st March 2025.

Students Achievement

- TE AIML Student Madan Muthuraj Nadar has secured Third Prize in the XR Hackathon for the Tourism track, organized during the Somaiya Innovation and Impact Festival on 5th March 2025.

Students Achievement

- Atharva Sawant (TE-AIDS), Tushar Patil (SE-AIDS), **Paras Kumbhar (TE-AIML)**, and Omkar Gorde (BE-IoT)

- won 2nd place at the AI Odyssey Hackathon held at Universal AI University, Karjat on 7th March 2025.

Students Achievement

- Rajneel Chougule , Shravani Shinde secured the position as 2nd runner-up in the GEN AI Showdown hackathon at Pillai College of Engineering on 29th March 2025.

Students Achievement

- Aradhya Dange BE AIML and team secured a spot in the top 10 and achieved 6th place in hackathon organized by the Government of India, public sector banks, and Union Bank of India, with K.J. Somaiya College serving as the event center on 21st March 2025.

Students Achievement

- Himanshu Yadav BE Aiml have won 2nd prize in the project presentation competition organized by Fr. Agnel Vashi on 16th April 2025.

Students Achievement

- Yash Varma TE AIML won 1st Prize at K.J. Somaiya Hackathon on 13th April 2025

Students Achievement

- AIML student Alisha Bano Abdul Wahab represented Magic Bus India Foundation as a Guest Speaker at the prestigious Magic Bus Gala Event in Houston, USA. She engaged with global leaders and dignitaries, including Bollywood actress Bhumi Pednekar and Magic Bus Founder Mr. Mathew Spacie.

Student's Achievement

- Alesha Bano (SE AIML) and Sadaf Shaikh (SE AIML) participated in ANVESHANA 2025, state level project competition, as the finalist.

- Rohit Patil (SE AIML) and Farheen Patel (SE AIML) participated in ANVESHANA 2025, state level project competition, as the finalist.

- Pratham Salgaokar (SE AIML) and Om Revenkar (SE AIML) participated in ANVESHANA 2025, state level project competition, as the finalist

Student's Achievement

Student's Achievement

- Paras Kumbhar (TE AIML), Sahil Haldankar (TE IT) Rohan Prakasan (TE IT) team 'Segmentation Faults

  secured an AIR 14 in the DSA Competition held at I IT Kanpur, out of more than 650 teams from across India.

Student's Sports Achievement

- Mr. Tanmay Mishale secured secured 2nd place in the boys volleyball tournament hosted by VJTI Enthusia from January 31 to February 6, 2025.

Student's Sports Achievement

- Mr. Tanmay Mishale

Student's Sports Achievement

- Mr. Tanmay Mishale

Faculty Achievements

- Mrs. Jasmin Hirani was a resource person for One day workshop on "PCB Designing" on 27th March 2025 at Vishwaniketan's Institute of Management Entrepreneurship and Engineering Technology

- Dr. Varsha Patil from AIML department have secured a topper rank in the "Cryptography and Network Security" subject conducted by NPTEL in April 2025.

- Dr. Arundhati Das, Dr. Bhagyalakshmi, Prof.Nita Patil completed NPTEL Certification for the subject "Introduction to Machine Learning", "Data Mining", "Cloud Computing" in April 2025 respectively.

Placement Statistics for FH25

Sr. No.	Name	Company Name
1.	Vallari Gaikwad	Cap Gemini
2.	Sahil Brid, Kshitij Singh	ImpactSure
3.	Deepak Chaudhary, Pranav Pillai, Darshana Jadhav, Lokeshwar Vivekanand Reddy, Om Mehetre	TCS
4.	Aradhya Dange	Aurionpro
5.	Omkar Shivarkar	Connectwise
6.	Noor Sayed	Media.net Software Services Pvt Ltd
7.	Akanksha Kadam	Blink Commerce Pvt. Ltd.
8.	Nivedha N Vellaipandi	Piby Three Consulting Services Private Limited
9.	Yakshit Chhipa	Zeplo, Inc

Placement Statistics for FH25

Sr. No.	Name	Company Name
10.	Arpit Muley	Gozoop Online Private Limited
11.	Vedika Mishra, Nilay Bhatye	RateBotAi
12.	RajVeer	Antraweb Technologies
13.	Shoaib Shaikh	Dark Horse Digital Solutions Pvt. Limited
14.	Aditya Nalawade	Startup
15.	Harsh Pasi	Startup

Student Article: Prompt Enginerring

Prompt engineering is the process of designing precise and effective instructions (prompts) to guide AI models like ChatGPT in generating accurate and relevant responses. It plays a key role in improving the quality of AI outputs by controlling tone, style, length, and specificity.

In education, prompt engineering helps create clear explanations and interactive learning tools. In business, it enhances report writing, email drafting, and data analysis. Creative fields use it to generate stories, design ideas, or visual content using AI art tools.

The effectiveness of an AI system often depends on how well the prompt is structured. Prompt engineering blends language skills with strategic thinking, making it an essential 21st-century skill.

As AI continues to evolve, the ability to communicate effectively with machines through prompts is becoming a vital bridge between human intent and artificial intelligence.

Editor: Rutuparna Kolte

Editorial Board

Editorial board is glad to release the current issue of our Department Newsletter FH 2025.

We appreciate the efforts taken by the editorial board in compiling useful information & activities by department.

The contribution and dedication of faculty members, students is continuously helping the newsletter in stepwise manner for achieving new milestone.

Newsletter divulge that the department is trying hard to achieve various dimensions such as academic, co-curricular and extra cocurricular activities.

- Dr. Varsha Patil [HOD]
- Prof. Ketki Kausadikar [Assistant Professor]
- Student Member:Om Revankar