

SIES Graduate School Of Technology, Nerul



NEWSLETTER Second Half 2024



Department of Artificial Intelligence & Machine Learning



SIES

RISE WITH EDUCATION

Graduate School of
Technology

SIES Graduate School Of Technology, Nerul



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:1

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. Archana Arudkar, Assistant Professor
3. Ms. Monali Deshmukh, Assistant Professor
4. Ms. Nita Patil, Assistant Professor
5. Dr. Arundhati Das, Assistant Professor
6. Ms. Amruta Kothavade, Assistant Professor
7. Ms. Jasmin Hirani, Assistant Professor
8. Ms. Dnyanada Khandagale, Assistant Professor



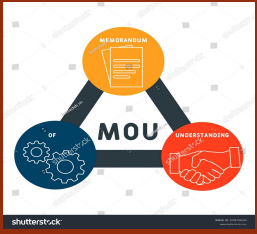
Non Teaching Staff & Class Strength

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.



Faculty Development Program (FDP)

- Dr. Varsha Patil with Prof. Savita Lohiya organized Six Days ISTE Sponsered STTP on “Generative AI” from 9th Dec to 14th Dec 2024.
- AIML Faculty Members successfully completed the ISTE-approved Six Days ISTE Sponsered STTP on “Generative AI” from 9th Dec to 14th Dec 2024.



Student Topper

S.E. - SECOND HALF 2024 (Semester III)

Rank	Name of Student	CGPI
1.	CHAITANYA KAROLE	10
2.	RIYA CHAURASIYA	9.96



Student Topper

Sr. No.	Name of Student	Subject Name	Marks
1.	SHREYA VETAL	EM-III	100
2.	FARHEEN PATEL, OM REVANKAR, SHRISHTI ANAND	DSGT	98
3.	RIYA CHAURASIYA	DS	94
4.	RIYA CHAURASIYA	DLCOA	88
5.	RIYA CHAURASIYA	CG	91



Student Topper

T.E. - SECOND HALF 2024 (Semester V)

Rank	Name of Student	CGPI
1.	PAVAN DHADGE	9.82
2.	SHRAVANI SHINDE	9.68
2.	VAIBHAV SAWANT	9.68



Student Topper

Sr. No.	Name of Student	Subject Name	Marks
1.	SHRAVANI SHINDE	CN	91
2.	PAVAN DHADGE	WC	91
3.	DIPAK GHADGE	AI	93
4.	SHRAVANI SHINDE	DW	84
5.	VAIBHAV SAWANT	IOT	80
6.	DIPAK GHADGE	SAIDS	94



Student Topper

B.E. - SECOND HALF 2024 (Semester VII)

Rank	Name of Student	CGPI
1.	LOKESH NELVAI	9.73
2.	SUYASH UTEKAR	9.73
3.	SAYED NOOR	9.59
4.	ANUSHAKA BHARDE	9.59
5.	UDAYRAJ NARALE	9.59



Student Topper

Sr. No.	Name of Student	Subject Marks	Marks
1.	SAYED NOOR	DL	97
2.	SAYED NOOR	BDA	91
3.	RAJ VEER	NLP	92
4.	UDAYRAJ NARALE	GTDS	87



Students Achievements

- SE, TE and BE AIML students actively participated in the Cognition'24 Project Competition held on 21st Sept 2024, judged by Dr. Arti Agrawal (VocSkill), Mr. Aekansh Agrawal (VocSkill), Mr. Samved Mantri (Markscape Pvt. Ltd.)

Sr. No.	Project Name	Name	Result Position
1.	Learning App for Deaf And Mute	Saakshi Kale, Chhaya Gam, Riya Chaaurasiya, Stuti Chilweri	1 st Position
2.	Calling Based Fire Alarm System	Rohit Patil, Farheen Patel, Mayuresh Lonikar, Chaitanya Karole	2 nd Position



Students Achievements





Students Achievements

Sr.No	Project Name	Name	Result Position
1.	Dimension Capture with ArUco Marker	Atharva Kaskar, Sainath Redekar, Yash Varma	1 st Position
2.	Farmer Equipment Rental Website	Madan Nadar, Prem Rana, Aryan Chidumalla	2 nd Position



Students Achievements





Students Achievements

Sr.No	Project Name	Name	Result Position
1.	True Tone	Deepak Chaudhary, Suraj Kanojiya, Lokeshwar Nelwai	1 st Position
2.	Voice Pathology Detection	Krishnan P.V., Sahil Brid,Omkar Shivarkar	2 nd Position



Students Achievements



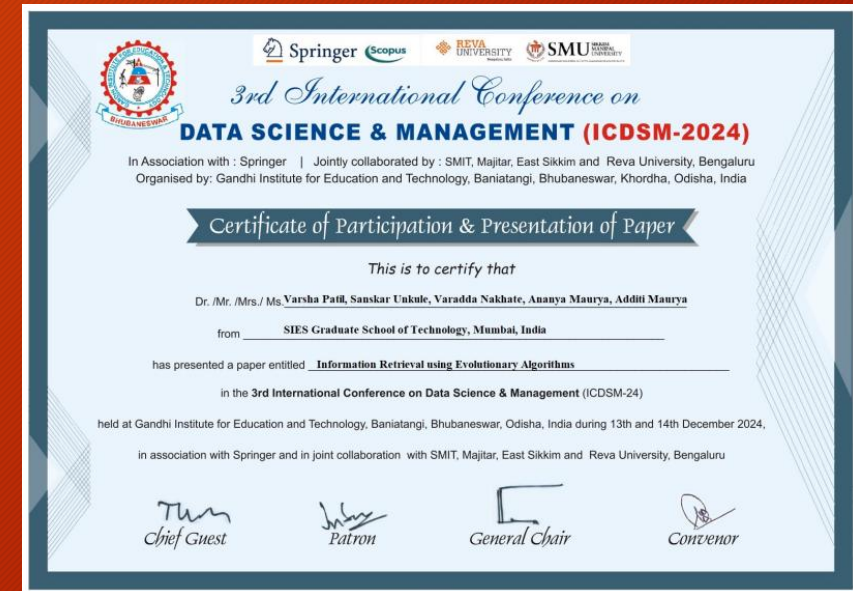


Faculty/Student Paper Publication

- Dr. Varsha Patil, Mohit Paradkar, Nikhil Nair, Prem Rana, Tanmay Rewale have presented a paper entitled “SketchMate with AutoShape” in the 3rd International Conference on Data Science & Management (ICDSM-24) , Gandhi Institute for Education and Technology, Baniatangi, Bhubaneswar, Odisha, India during 13th and 14th December 2024, in association with Springer and in joint collaboration with SMIT, Majitar, East Sikkim and Reva University, Bengaluru.
- Dr. Varsha Patil, Sanskar Unkule, Varada Nakhate, Ananya Maurya, Aditi Maurya have presented a paper entitled “Information Retrieval using Evolutionary Algorithms”, in the 3rd International Conference on Data Science & Management (ICDSM-24) , Gandhi Institute for Education and Technology, Baniatangi, Bhubaneswar, Odisha, India during 13th and 14th December 2024, in association with Springer and in joint collaboration with SMIT, Majitar, East Sikkim and Reva University, Bengaluru.
- Dr. Varsha Patil, Krishnan Venkiteswaran, Sahil S.Brid, Yash G.Varma, Sheshasai A.Dusa have presented a paper entitled “Advanced Fake News Detection Using BERT and Ensemble Learning: A Performance Study”, in the 3rd International Conference on Data Science & Management (ICDSM-24) , Gandhi Institute for Education and Technology, Baniatangi, Bhubaneswar, Odisha, India during 13th and 14th December 2024, in association with Springer and in joint collaboration with SMIT, Majitar, East Sikkim and Reva University, Bengaluru.



Faculty/Student Paper Publications





Students Achievement

- Ujjwal Rai and Nikhil Wandkade from Second Year AIML, have been selected for the fellowship under the “MSSU-AMRUT Entrepreneurship Scheme”, with a grant of ₹3 Lakh, on 4th September 2024.
- Harshkumar Pasi (BE) was invited as the speaker for Evolve 24 - New Delhi. Evolve is WhatsApp flagship event with Aisensy. He gave a talk on "How to build AI-First Agency businesses and their roadmap for first 5cr" on 4th October 2024.





Student's Achievement

- P. V. Krishnan, Sheshasai, and Yash Varma from the AIML department secured 2nd place in a Paper Presentation Competition at the National Student Conference on Emerging Trends and Technology, TechVision by Thakur College of Engineering and Technology on 4th October 2024.





Students Achievement

- P.V. Krishnan, Sahil Brid, Shesasai Dusa and Shravani Wani won the Zonal Round of Avishkar 2024, at Father Agnel, Vashi for their project “Voice Pathology” on 15th Dec 2024.





Students Achievement

- Atharv Kaskar, Sainath Redekar, Yash Varma and SHrey Mhatre won the Zonal Round of Avishkar 2024, at Father Agnel, Vashi for their project “Dimension Capture” on 15th Dec 2024.





Students Sports Achievement

- Mr. Selva Manikandan (SE) secured the Bronze medal in the International Silambam Championship in the Stick Fight category, Trivandrum, Kerala (4th to 6th September 2024)





Students Sports Achievement

- Mr. Paras Kumbhar (TE AML) and team secured third place in the 4x100m relay discipline at the Mumbai University Thane Zonal Intercollegiate Athletics Championships held on 16th October 2024 at University Sports Pavilion, Marine Lines, Mumbai.





Students Sports Achievement

- Mr. Tanmay Mishale secured Runner Up in Mumbai University Tournament , B.K Birla , Kalyan (October 12 to 8 December, 2024)





Expert Lectures/ Workshops

- Prof. Archana Arundkar organized two days workshop on “Introduction to Blockchain”
Mr. Chinmay Chandak (CE Alumni 2020 Batch) Block End, on 13th & 14th July 2024
- Prof. Archana Arundkar organized Guest Lecture on “Full Stack Web Development”, on 24th July 2024 by Mr. Shabarish Ramaswamy (CE Alumni 2021 Batch), Connectwise.
- Prof. Nita Patil organized Expert Session on “Literature Survey”, on 8th August 2024 by
Dr. Santosh Rane, Professor SPT, Mumbai
- Prof. Archana Arundkar organized Guest Lecture on “NLP Techniques”, on 28th August 2024 by
Mr. Sahil Pandre, Founder of Celestelar.



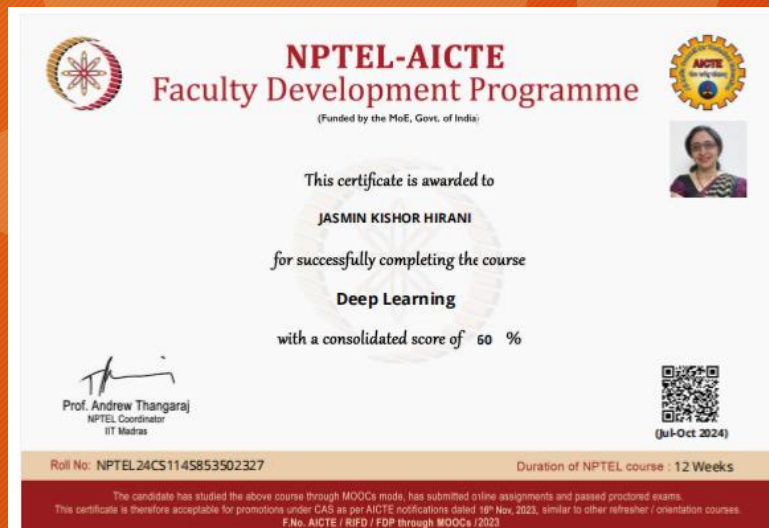
Expert Lectures/ Workshops

- Prof. Jasmin Hirani organized Guest Lecture on “Deep Learning”, on 20th September 2024 by Mr. Zoheb Kazi of VocSkills for AIML & AIDS Department.
- Prof. Amruta Kothawade organized Guest Lecture on “ThinkSpeakCloud for IOT”, on 3rd September 2024 by Mr. Santosh Kamble of Saitronics Pvt. Ltd.
- Dr. Arundhati Das organized Guest Lecture on “How to build Successful product using Artificial Intelligence in Today’s time”, on 3rd October 2024 by Mr. Ayush Anand of Level Supermind.



Faculty Achievements

- Dr. Arundhati Das have secured a top 2% rank in the "Deep Learning" subject conducted by NPTEL in November 2024.
- Prof. Jasmin Hirani have secured 60% in the "Deep Learning" subject conducted by NPTEL in November 2024.
- Dr. Varsha Patil from AIML department have secured a top 2% rank in the "Deep Learning" subject conducted by NPTEL in November 2024.





Internship

- Adhiraj More has successfully completed internships at AND Intern
- Anushka Bharde has completed successfully internships at both InTernPe and NULLCLASS Edtech Private Limited.
- Rutuparna Kolte has completed successfully internship as a Python Flask Developer Intern at Prepbook Learning Innovation Pvt. Ltd.
- Pavan Dhadge has successfully completed in house internship as a Full Stack Developer at SIESGST.
- Mr. Yash Gangasagar Varma has successfully completed his internship as a Full Stack Developer & AI Engineer at Easework AI.
- Mr. Yash Varma has successfully completed a 4-month internship as an AI/ML Intern at Inventiff Consulting Services.
- Yash Saicharan Patil has successfully completed the "Web Development" virtual internship at Encryptix.



Internship

- Sainath Redekar and Arnav Mangaonkar has successfully completed a 1-month internship in Web Development at Prodigy InfoTech.
- Priyanshu Jaiswal has successfully completed an internship with Nextneuron Technologies Pvt. Ltd. as a Web Developer Intern in the Software Development Department.
- Rithvik Shetty has successfully completed an educational internship as a Web Development Intern at Prodigy InfoTech.
- Mr. Rajneel Choughule and Mr. Parth Amburle has successfully completed Machine Learning & Data Science Associatean internship at DARPIN DYNAMICS PVT. LTD.
- Piyush Naik has successfully completed a 2-month internship at BWS Certifications, working on projects based on HTML, CSS, JavaScript, jQuery, Bootstrap, React JS, Python, and Django.



Internship

- Mr. Prathamesh Gajare has successfully completed an internship with Technical Service and Solutions (TSS), during which he worked as a Business and Technical Associate.
- Mr. Rajneel Chougule has successfully completed a 4-month internship as an AI/ML Intern at Inventiff Consulting Services.
- Riya Chaurasiya has successfully completed internship on Ethical Hacking in house with SIESGST collaboration with PODS Technology Solutions.
- Dipak Ghadge has successfully completed his internship at AST Technology Corporation as a Full Stack Intern
- Ms. Archi Nikam has completed an internship at Reliance Jio Platforms Limited and successfully completed a project titled "Benchmarking of prompt generation model inference tools comparing reduced memory footprint and increased inference time."



Internship

- Mr. Adarsh Korade has successfully completed the Internship Program as a Data Engineer in Spark/Python/Hadoop with Reliance Jio Platforms Limited.
- Ms. Vedika Mishra has successfully completed her internship as a Data Research & Solutions Intern at Uncodez Digital Solutions LLP.
- Mr. Keegan Dsouza has successfully undergone internship training in the SI EP IAA MF&Q KW PE – Plant Engineering Department at Siemens Ltd., Kalwa.
- Ruchita Bhoir has successfully completed an internship in Search Engine Optimization (SEO), under the certification framework of HubSpot Academy.



Placement

Placement Statistics for SH24

Sr. No.	Name	Company Name
1.	Vallari Gaikwad	Cap Gemini
2.	Sahil Brid	Impactsure
3.	Kshitij Singh	Impactsure
4.	Aradhya Dange	Aurionpro
5.	Omkar Shivarkar	Connectwise
6.	Harshkumar Pasi	Start Up



Student Article: Design, Architecture, and Interior Design using Generative AI

Generative AI is transforming the world of design, architecture, and interior aesthetics by enabling professionals to visualize and iterate ideas faster and more creatively. In architecture, AI models can generate multiple structural layouts, optimize space usage, and simulate energy efficiency. Interior designers use AI tools to experiment with color palettes, materials, and furniture arrangements, tailoring spaces to client preferences in real-time.

AI-powered rendering tools also produce photorealistic visualizations, helping stakeholders understand design concepts before execution. With natural language inputs, designers can quickly generate multiple design alternatives, improving both creativity and productivity. Moreover, generative AI helps identify patterns in user behavior, ensuring human-centric and functional spaces.

Despite ethical and creative concerns, AI is becoming a co-creator rather than a replacement. By integrating AI into their workflows, designers can focus more on innovation, while machines handle repetitive tasks, ushering in a new era of smart, sustainable, and personalized design.

Editor: Pavan Dhadge



Editorial Board

Editorial board is glad to release the current issue of our Department Newsletter SH 2024.

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. Sumedha M. [Assistant Professor]
- Student Member: Noor Sayed