Graduate School of Technology
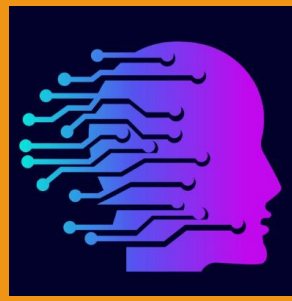
SIES

RISE WITH EDUCATION

SIES Graduate School Of Technology, Nerul

NEWSLETTER
First Half 2023

Department of Artificial Intelligence & Machine Learning

SIES Graduate School Of Technology, Nerul

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: 1 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.

Faculty Profile

1. Dr. Varsha Patil, HoD

2. Ms. Sneha Tapre, Assistant Professor

3. Ms. Archana Arudkar Assistant Professor

4. Ms. Jyoti Chavhan, Assistant Professor

5. Ms. Monali Deshmukh, 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
S.E.	69	52	17

Faculty Development Program

- **Dr. Varsha Patil, Prof. Archana Arudkar, Prof. Jyoti Chavhan, and Prof. Monali Deshmukh** participated in the **6-Day Faculty Development Program** on **"AR/VR (Augmented / Virtual Reality)"**, held from December 19 to 24, 2023, organized by SIES Graduate School of Technology.

- Prof. Jyoti Chavhan and Prof. Archana Arudkar participated in the 6-Day Faculty Development Program on "Blockchain and Distributed Ledger Technology (DLT)", held from January 2 to 7, 2023, organized by Xavier Institute of Engineering, Mahim.

Expert Lecture/ Workshop

- Guest Lecture on "How to Get Internship Opportunities?" was conducted on February 28, 2023, with 81 students in attendance.

- Workshop on "Android" was organized for SE students on March 4 & 5, 2023.

- Workshop on "Django Framework" was organized for SE students on March 25, 2023.

Student Development Programs (SDP)

- Dr. Varsha Patil, Prof. Sneha Tapre, and Prof. Archana Arudkar conducted a Value Added Course on "Advanced Python Libraries", in collaboration with industry resource person Mr. Yogesh Murumkar (Chief Executive Officer and Corporate Trainer, Bharat Soft Solutions). The course was organized by the Department of AIML, SIESGST, from June 26 to July 03, 2023.

Students Achievements

- Nikhil Patel secured the 1st Prize in Sales at Baja SAE Indore (Sports).

- Harsh Mogal won the 1st Prize in Mixed Doubles Badminton at ICT Sports Saga, Wadala Sports Club.

- Vedant Kupekar was the 1st Runner-up in Box Cricket at SIES College of Management.

- Vedika Mishra achieved the 1st Prize in Group Dance at Pillai College and also at the TML Group Dance competition, SIES GST.

Student Topper

S.E. – SECOND HALF 2022 (Semester III)

Rank	Name of Student	CGPI
1.	NIVEDHA N	9.35
2.	ANUSHKA BHARDE	9.33
3.	SUYASH UTEKAR	9.13
4.	UDAYRAJ NARALE	9.08

Subject Topper List

Sr. No.	Name of Student	Subject Marks	Marks
1.	VEDIKA MISHRA	EM-IV	85
2.	KEEGAN DSOUZA	DSGT	95
3.	SAYED NOOR	DBMS	89
4.	UDAYRAJ NARALE	OS	92
5.	UDAYRAJ NARALE	MP	65

Internship & Placement

- Chandana Shastri was selected for an internship in Machine Learning & Data Science with Python at PHN Technology Pvt. Ltd.

- Aradhya Dange was selected for a Backend Developer Internship at Sunrise Infotech.

- Kshitij Singh was selected for an internship in Android Development at PHN Technology Pvt. Ltd., Pune.

- Shershasai Dusa was selected for an internship at Medrpha, an E-Commerce Medical Tech Agency.

Faculties Achievements/Publication

- Dr. Varsha Patil published a paper titled "Malware Detection" in International Journal of Digital Literacy and Digital Competence, 2023.

- Dr. Varsha Patil published a paper titled "Personality Prediction for CV Analysis" in International Journal of Digital Literacy and Digital Competence, 2023.

- Dr. Varsha Patil published a paper titled "Deep Learning and Binary Representational Image Approach for Malware Detection" in 2023 IEEE International Conference on Power, Instrumentation, Control and Computing (PICC).

Faculties Achievements/Publication

- Dr. Varsha Patil published a paper titled "Real-time Water Quality Management using IoT" in SAMRIDDHI – A Journal of Physical Sciences, Engineering and Technology, 2023.

- Dr. Varsha Patil published a paper titled "Fire and Smoke Detection System" in SAMRIDDHI – A Journal of Physical Sciences, Engineering and Technology, 2023.

- Dr. Varsha Patil published a paper titled "Plastic Picking Robot" in SAMRIDDHI – A Journal of Physical Sciences, Engineering and Technology, 2023.

- Dr. Varsha Patil published a paper titled "Eye Disease Classification using Deep Neural Network" in SAMRIDDHI – A Journal of Physical Sciences, Engineering and Technology, 2023.

Faculties Achievements/Publication

- Prof. Jyoti Chavhan published a paper titled "Optimizer Effects on Language Models for Hate Speech Detection in Dravidian Text" in JJTU Journal of Renewable Energy Exchange, ISSN: 2321-1067, Volume 10, Issue 10 (2022), pp. 21-27.

- Prof. Jyoti Chavhan published a paper titled "Communication Tool: Smart Hand Gloves for the Deaf People" in JJTU Journal of Renewable Energy Exchange, ISSN: 2321-1067, Volume 10, Issue 6 (2022), pp. 93-97.

Student Article: The Growing Significance of Data Science

Data Science is one of the most dynamic and in-demand fields today, combining statistics, programming, machine learning, and AI to analyze data and extract actionable insights. It plays a vital role across both technical and non-technical domains, helping organizations make informed, data-driven decisions.

Earlier, decisions were often made on instinct or informal discussions, frequently leading to errors. Today, the focus has shifted to data-backed insights, where statistics help forecast trends and patterns. With rapid advancements in technology, new tools and algorithms continue to emerge, simplifying complex tasks and expanding the reach of data science.

As the reliance on data grows, the role of Data Scientists becomes increasingly critical. This position is expected to be among the most sought-after in the future, as industries across sectors embrace data science for strategic planning and operational efficiency.

Editor: Omkar Shivarkar

Editorial Board

Editorial board is glad to release the current issue of our Department Newsletter SH 2022.

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. Sneha Tapre [Assistant Professor]

- Student Member: Noor Sayed