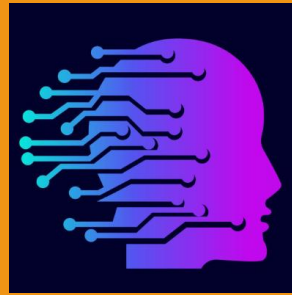


SIES Graduate School Of Technology, Nerul



NEWSLETTER First 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:2 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. Sneha Tapre, Assistant Professor
3. Ms. Archana Arudkar Assistant Professor
4. Ms. Jyoti Chavhan, Assistant Professor
5. Ms. Monali Deshmukh, Assistant Professor
6. Ms. Tejali Mhatre, Assistant Professor
7. Mr. Hrishikesh Vichore, Assistant Professor



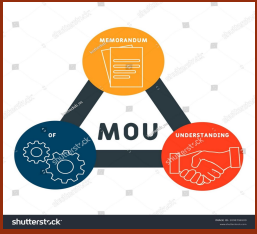
Non Teaching Staff & Class Strength

Non Teaching Staff

| Sr. No. | Name |
|---------|------------------|
| 1 | Mr. Prasad Tambe |

Class Strength

| Year | Total No. of Students | Boys | Girls |
|------|-----------------------|------|-------|
| T.E. | 69 | 52 | 17 |
| S.E. | 67 | 53 | 14 |



Memorandum of Understanding (MoU)

- Prof. Monali Deshmulh signed MoU with PinacleWebIndia
- Prof. Archana Arundkar signed MoU with KRG Strategy Consultants Private Limited



Faculty Development Program (FDP)

- All AIML faculties attended ISTE approved one week STTP on "NEP 2020 and Autonomy in HEI"



Value Added Course (VAC)

- Dr. Jyoti C., Prof. Archana A., Prof. Sneha T., and Mr. Akshay Kamble (BI Academy by Pro Visualizers) organized Value Added Course on “**Power BI**” 01st to 05th January 2024
- Dr. Varsha Patil, Prof. Monali Deshmukh organized Value Added Course on “Competitive Coding “ from 24th June 2024 to 29th June 2024. The course was conducted by Samprit Chaurasiya (CE Alumni), Mithil Poojary (IT Alumni), Zainab Bubere (CE Alumni), Yash Patil (CE Alumni), Pratham Yashwante (CE Alumni) and Kunal Sharma.



Student Topper

S.E. - FIRST HALF 2024 (Semester IV)

| Rank | Name of Student | SGPA |
|------|-------------------------|------|
| 1. | DHADGE PAVAN SANTOSH | 9.75 |
| 2. | SHRAVANI AVINASH SHINDE | 9.67 |



Subject Topper List

| Sr. No. | Name of Student | Subject Marks | Marks |
|---------|-------------------------|---------------|-------|
| 1. | SAWANT VAIBHAV RAJESH | EM IV | 95 |
| 2. | SAWANT VAIBHAV RAJESH | AOA | 89 |
| 3. | DHADGE PAVAN SANTOSH | DBMS | 85 |
| 4. | SAWANT VAIBHAV RAJESH | OS | 96 |
| 5. | SHRAVANI AVINASH SHINDE | MP | 82 |



Student Topper

T.E. - FIRST HALF 2024 (Semester VI)

| Rank | Name of Student | SCPA |
|------|-------------------------|------|
| 1. | GAIKWAD VALLARI MANOJ | 9.74 |
| 2. | SAYED NOOR ZAKIR ZAKIRA | 9.61 |



Subject Topper List

| Sr. No. | Name of Student | Subject Marks | Marks |
|---------|---------------------------|---------------|-------|
| 1. | SAYED NOOR ZAKIR ZAKIRA | DAV | 91 |
| 2. | NARALE UDAYRAJ MUKTA | CSS | 84 |
| 3. | PV KRISHNAN VENKITESWARAN | SEPM | 91 |
| 4. | VEDIKA BRIJMOHAN MISHRA | ML | 92 |
| 5. | PRANAV ANIL PILLAI BINDU | IVP | 94 |



Expert Lectures/ Workshops

- “Importance of Communication & Storytelling” session was held on 30 January 2024, delivered by Mr. Prashant Singh (CE Alumni) from LTI Mindtree.
- A Pre-talk & Technical Aptitude Test for Internship was conducted on 11 March 2024 by Mr. Shankar, HR at Deesignolics.
- “Cybersecurity - Dawn of a New World” expert session was conducted on 19 March 2024 by Mr. Mehul Gandhi, Senior Director, Cybersecurity at LTI Mindtree.
- “Emerging Trends in Data Science” session was held on 27 March 2024 by Mr. Yogesh Murmurkar, CEO of Bharat Soft Solutions.



Expert Lectures/ Workshops

- “Introduction to Image Processing in Robotics” session was conducted on 05 April 2024 by Mr. Hrithik Mudaliar from ideaForge.
- “Python Django Web Framework” session was conducted on 05 April 2024 by Mr. Siddharamayya M., Developer at Capgemini.
- “Practical Application of Algorithm” session was held on 08 April 2024, conducted by Ms. Dhanashree Joshu from nVent.



Students Achievements

- SE AIML students Atharva Golwalkar, Atharva Kaskar, Dipak Ghadge, and Prathamesh Gajare secured 1st/2nd/3rd place at the "SCOE AVISHKAR - 2024" Project Competition held on 5th April 2024 for their project "Transforming Paper-Based Mentor-Mentee Form".





Students Achievements

- TE AIML students P.V. Krishnan, Sahil Brid, Sheshasai Dusa, and SE AIML student Yash Varma secured the Second Position at Hackanova 3.0, organized by TCET, Mumbai from 16th-17th February 2024, for their innovative solution to the problem statement "Fact Finder"





Students Achievements

- P.V. Krishnan, Sahil Brid, Adhirak More, and Omkar Shivarkar secured the 1st Position in the "TECHSPARKS" Project Presentation Competition held on 4th April 2024 for their Mini Project (T.E.) titled "Voice Pathology."





Students Sports Achievements

- TE AIML student Tanmay Mishale was a member of the college volleyball team that secured Third Place in the Inter-Collegiate Volleyball Tournament 2023-24, held from 2nd to 29th October 2023, organized by B.K. Birla College.





Students Sports Achievements

- TE AIML Student Kshitij Sunil Singh, student of SIES GST, was a member of the Thane Zonal Team that secured Third Place in the Inter-Zonal Football Tournament 2023-24, held at the University Sports Pavilion, Marine Lines.





Copyright and Publications

- Copyright Registered for title a "Psyche Graphix: Innovating Mental Health Assessment With Java Gui Insights" on 21 March 2024.

Extracts from the Register of Copyrights

Copyright Office, Government Of India

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L-145538/2024

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PROF. MEENALI VALANTRAO DESHMUKHI, SIES GRADUATE SCHOOL OF TECHNOLOGY, NERUL, NAVI MUMBAI-407066 INDIAN

PROF. ARCHANA PRALHAD ARUDKAR, SIES GRADUATE SCHOOL OF TECHNOLOGY, NERUL, NAVI MUMBAI-407066 INDIAN

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OWNER

LITERARY DRAMATIC WORK OR WORK BASED UPON GRAPHICAL USER INTERFACE, IS A USER FRIENDLY VISUAL EXPERIENCE BUILDER FOR JAVA APPLICATIONS

PSYCHE GRAPHIX: INNOVATING MENTAL HEALTH ASSESSMENT WITH JAVA GUI INSIGHTS

UNPUBLISHED

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Copyright and Publications

- Sahil Brid, P. V. Krishnan Venkiteswaran, Omkar Shivarkar, Sayad Noor and Varsha Patil from SIES Graduate School of Technology participated and presented the research paper titled “AI-Driven Recruitment through Comprehensive CV Analysis and Personality Prediction” in the 5th Springer International Conference on Data, Engineering & Applications (IDEA - 2K24) held on 28-29 June 2024





Internship

- Adhiraj More has successfully completed the AICTE and _VOIS for Tech Program-led Virtual Internship on Data Analytics and Power BI, implemented by Connecting Dreams Foundation.
- Anushka Bharde and Tanmay Mishale has successfully completed her internship at InternPe from 11th March 2024 to 7th April 2024.
- Noor Sayed, Atharva G., Atharv Kaskar, Dipak Ghadege, Pawan Dhadge, and Prathamesh Gajare have successfully completed an offline internship as IT Interns at KRG Strategy Consultants Private Limited from 15th December 2023 to 15th February 2024.
- Nivedh Anakakkil has successfully completed a 2-month internship program in AI-ML Development at Next24tech Technology & Services.
- Mr. Akshay Sunil Kumar has successfully completed the Data Analyst Internship at MENTORNESS.



Internship

- Ms. Vallari Manoj Gaikwad has successfully undergone practical training at the Division of Remote Handling & Robotics (RD & DG), BARC.
- Ms. Darshana Jadhav has successfully worked as a Full Stack Developer at Meta Craftlab Private Limited.
- Ms. Iram Mukri has successfully completed a 4-week virtual internship program in Data Science at CodSoft.
- Mr. Rithvik Shetty and Mr. Shubham Patil has successfully completed his internship at IRSYA, under the brand AASK RETAIL LLP, as a Graphic Design Intern.
- Mr. Nikhil Manikandan Nair, Mr. Piyush Naik, Mr. Pavan Dhadge has successfully completed 4 weeks of the IBM SkillsBuild Internship Program with CSRBOX in Artificial Intelligence and Machine Learning (AI-ML).
- Mr. Advait Deshmukh and Miss. Kanya Vagal has successfully completed practical tasks as an Intern - Python Developer with the IT Services Division at Mira Advanced Engineering



Internship

- Ms. Archi Nikam has successfully completed an internship at Reliance Jio Platforms Limited for a project “Prompt Model Distillation.
- Mr. Tanmay Rajendra Mishale has successfully completed internship at AcmeGrade
- Rutuja Wagh, Adarsh Korade, Gaurish Kale, Anika Bhatnagar has completed in house internship for SDP (Power BI) at SIES GST.
- Darshana Jadhav, Piyush Naik, Rutuparna Kolte and Riya Chaurasiya has completed in house internship for SDP (DevOps) at SIES GST.
- Rajneel Choughale has completed in house internship for SDP (Deep Learning) at SIES GST.
- Om Mehetre has completed in house internship for SDP (Mobile App Development using Flutter) at SIES GST.
- Ms. Shrika Mishra has successfully completed an internship with Technical Service and Solutions (TSS) as a Technical Associate.



Faculty Achievements

- AIML Faculties and students participated in NSS camp at Bursunge Village, Asangaon.
- Dr. Varsha Patil published a research paper titled "Coordination of Modular Nano Grid Energy Management Using Multi-Agent AI Architecture" in Elsevier's Computers & Electrical Engineering, Vol. 115, Article ID: 109112. ISSN: Online - 1879-0755 | Print - 0045-7906.
- Dr. Varsha Patil authored the international publication titled "Hydrophobia: An Intense Fear of Water"., ISBN-13: 9798369310908, eISBN-13: 9798369310915.

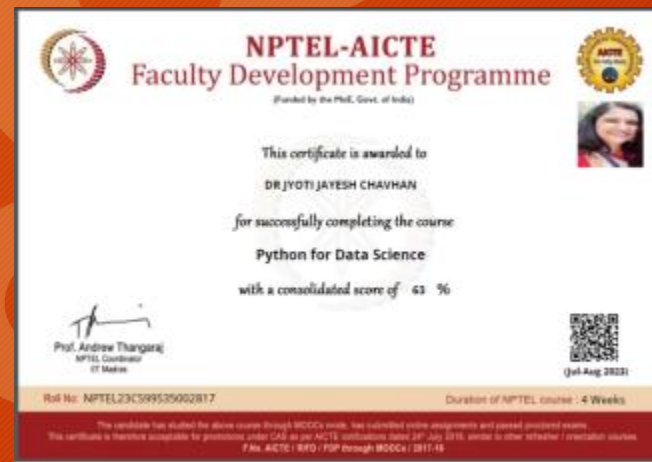


Faculty Achievements

- Dr. Varsha Patil successfully completed the NPTEL Online Certification course "Python for Data Science" in Jan-Feb 2024, securing an impressive 85% score and ranking in the top 5% of learners.
- Dr. Varsha Patil successfully completed the NPTEL Online Certification course "The Joy of Computing using Python" (Jan-Apr 2024, 12 weeks) with a remarkable 87% score, earning a place in the top 2% of participants.



Faculty Achievements





Student Article: Enhancing Education with ChatGPT

ChatGPT is transforming the way educators teach and students learn by offering personalized, on-demand academic support. As an AI-powered assistant, ChatGPT can explain complex concepts, generate quizzes, suggest lesson plans, and provide instant feedback—making it a valuable tool in and outside the classroom.

Teachers can use ChatGPT to design engaging learning materials, simulate conversations for language learning, or provide alternate explanations for difficult topics. It supports differentiated instruction by adapting responses based on a learner's level and needs.

For students, ChatGPT acts as a 24/7 tutor, helping them with doubts, summaries, and practice questions. It encourages self-paced learning and fosters curiosity through interactive dialogue.

Moreover, ChatGPT helps reduce workload for educators by automating routine tasks like grading rubrics or formatting content. When used responsibly, it complements human instruction and empowers both teachers and learners in today's tech-driven education landscape.

Editor: Prathamesh Gajare



Editorial Board

Editorial board is glad to release the current issue of our Department Newsletter FH 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. Monali Deshmukh [Assistant Professor]
- Student Member: Noor Sayed