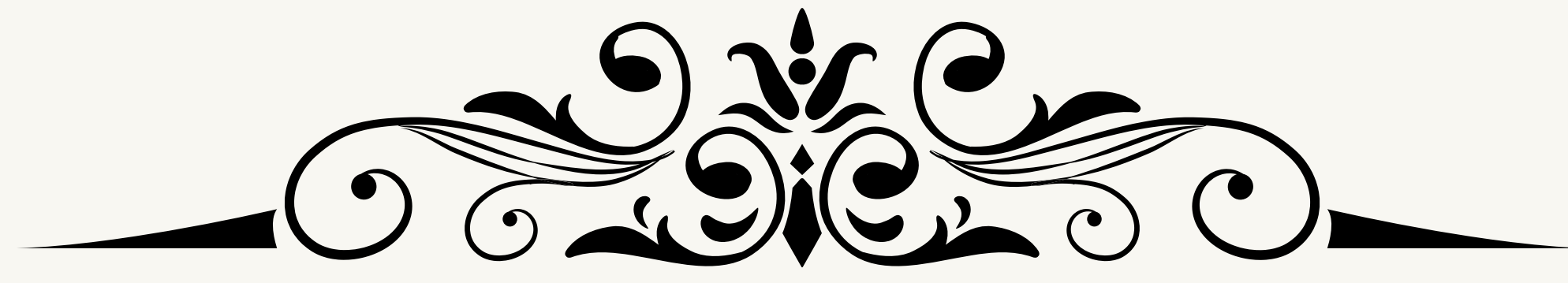




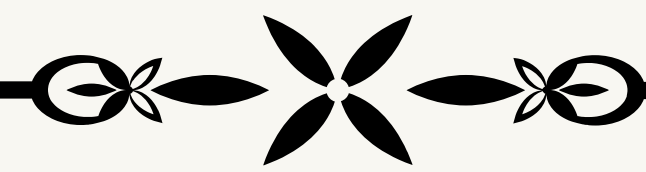
Society for Computer Technology and Research's
PUNE INSTITUTE OF COMPUTER TECHNOLOGY

(An Autonomous Institute affiliated to Savitribai Phule Pune University)
AICTE APPROVED | ISO 9001:2015 | NAAC A+ Grade | NBA [All Eligible UG Programs]



ARTIFICIAL INTELLIGENCE & DATA SCIENCE

NEWSLETTER 2025-26



OUR LEADERS



HON. SHRI R. S. KOTHAVALA,
Managing Trustee, SCTR



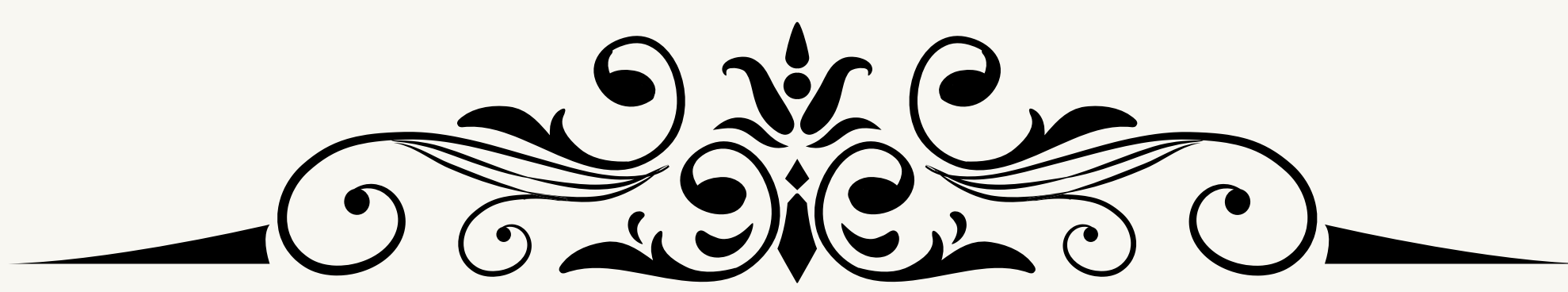
HON. SHRI S. M. SIRSIKAR
Secretary and Trustee SCTR



DR. P. T. KULKARNI
Director, PICT



DR. S. T. GANDHE
Principal, PICT



EDITORIAL TEAM



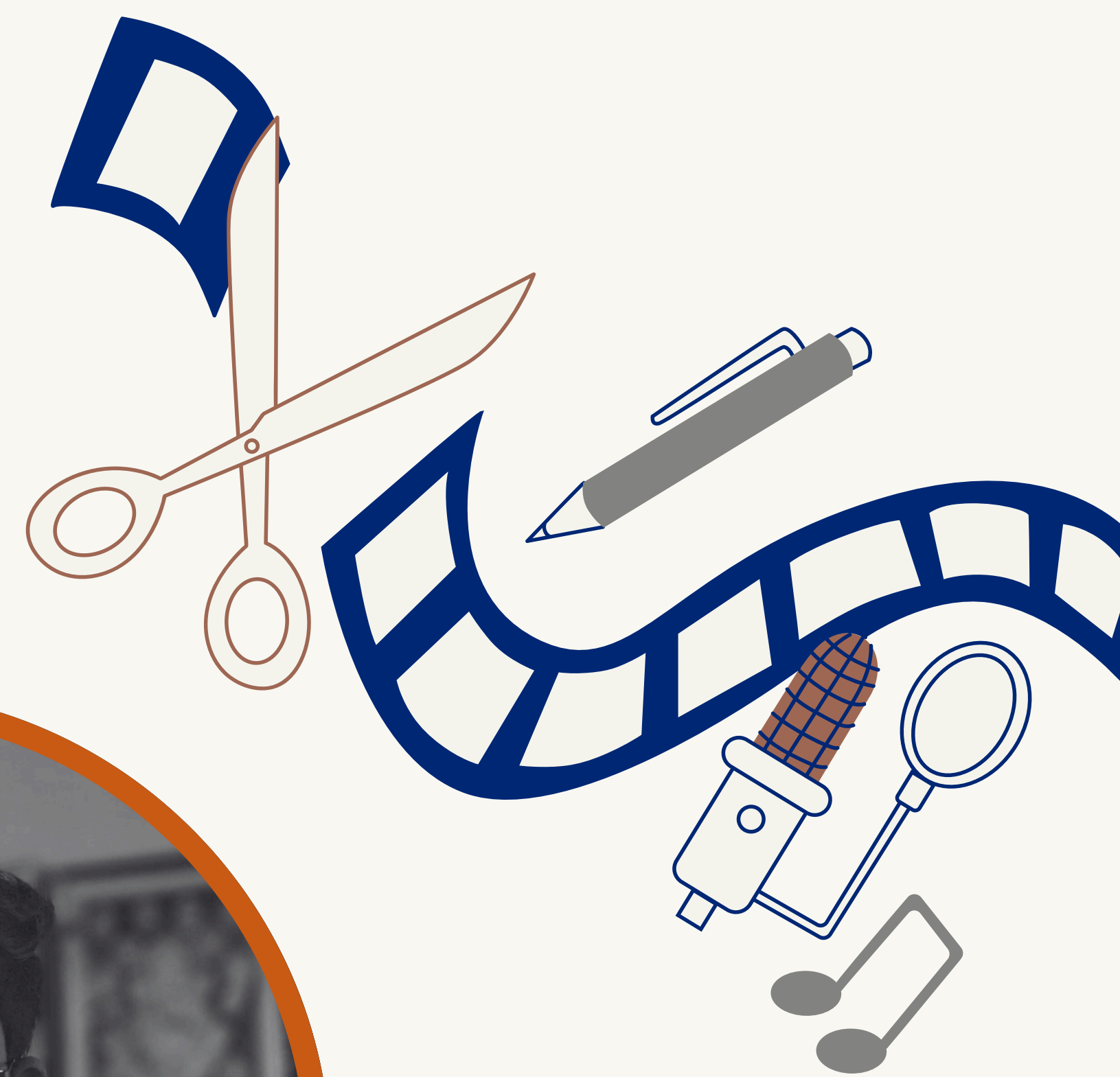
Kanan Shah



Tanuja Mulla
(Staff Co-ordinator)



Piyush Kurwade



Gargi Nemade



Suhani Bighane



Jainam Dudhediya



Shirin Bobdey



Puneet Kaur



Pavan Kanade



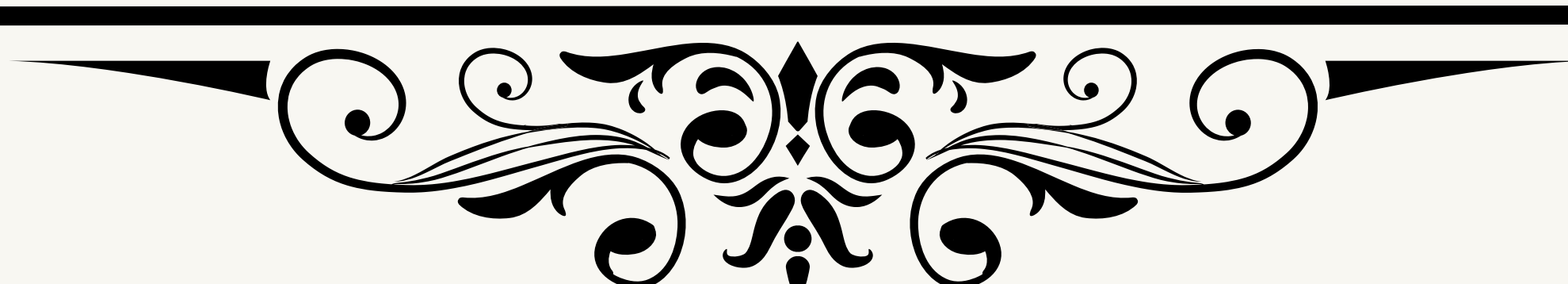
Vanshika Panjwani





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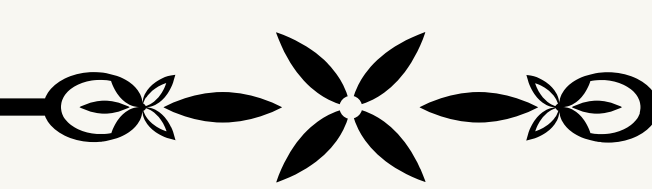




VISION & MISSION

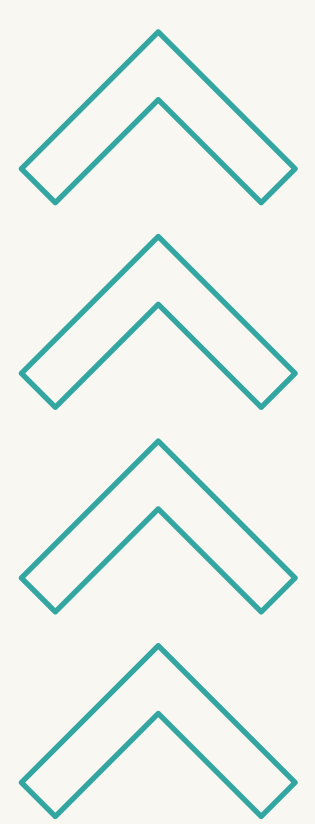
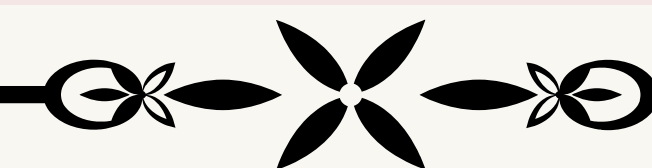
INSTITUTE

VISION

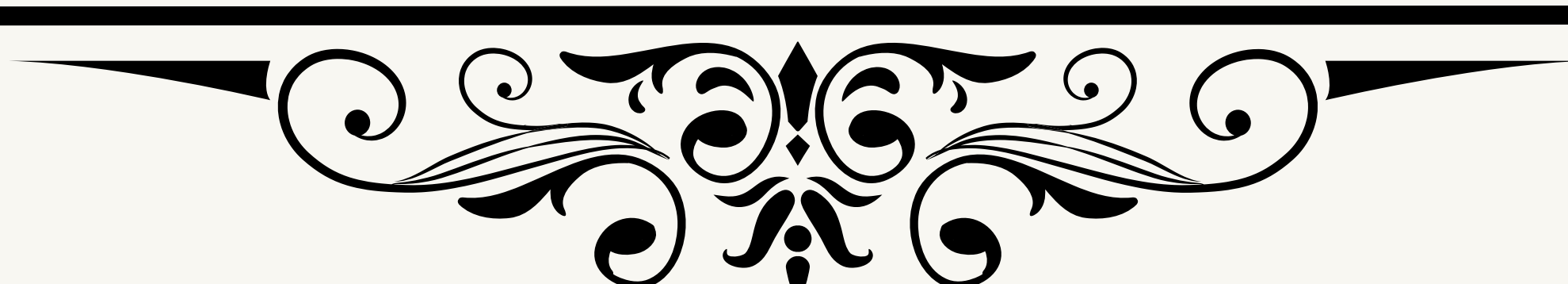


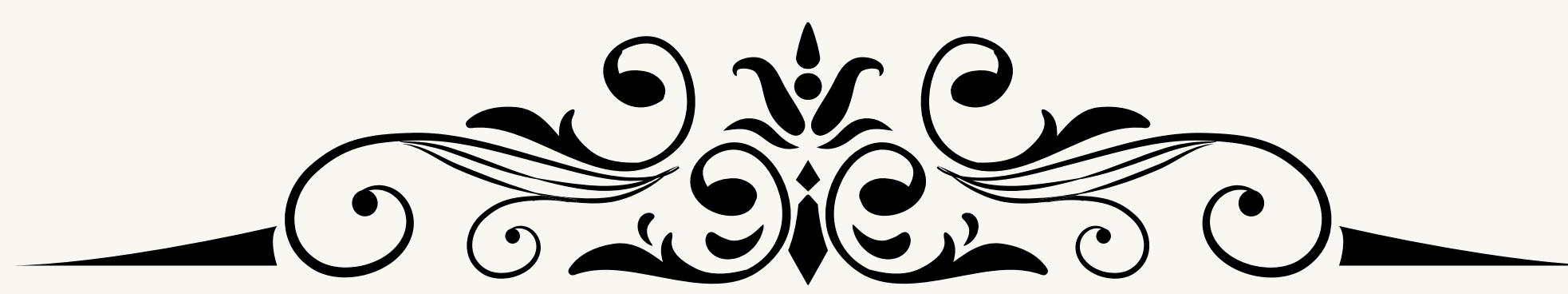
To be a leading institute in higher technical education and research, recognized at national and international levels for excellence in education, innovation, and research.

MISSION



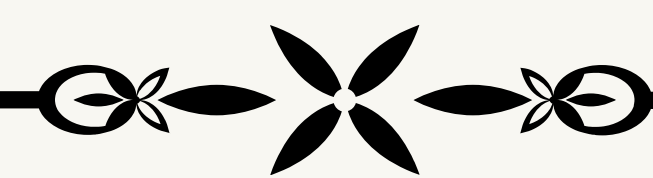
- ☆ To provide high-quality education in engineering and technology.
- ☆ To promote research, innovation, and entrepreneurship.
- ☆ To develop competent professionals with strong ethical values and social responsibility.
- ☆ To establish industry–institute interaction for mutual benefit.





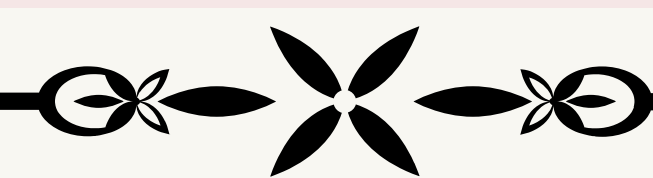
DEPARTMENT

VISION

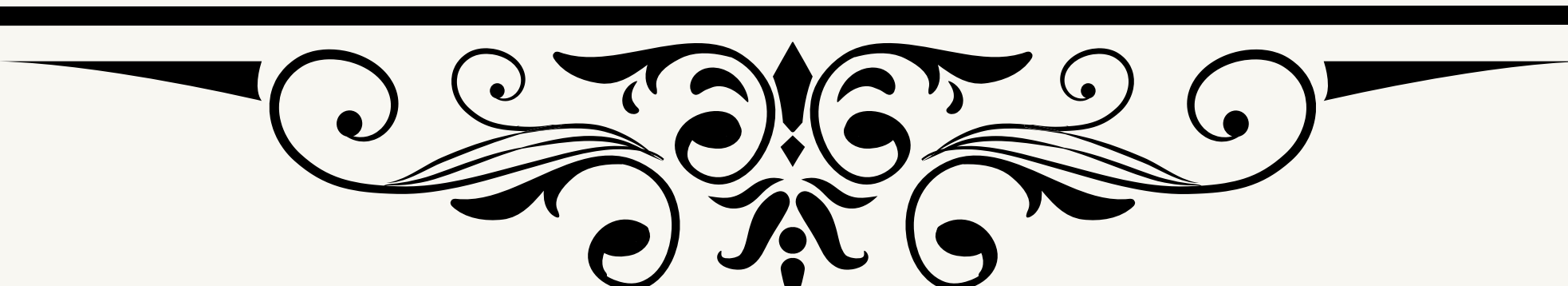
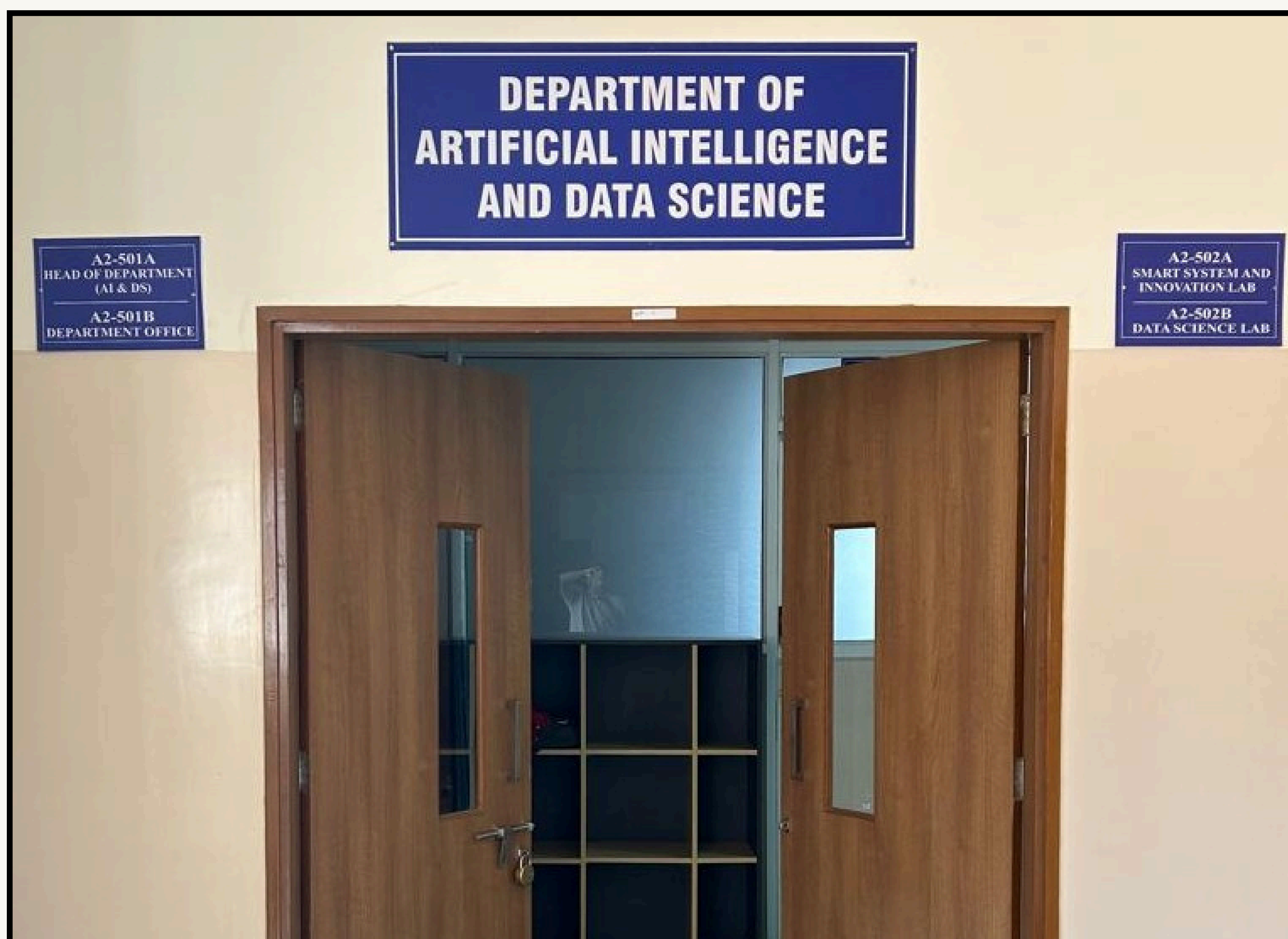


➤ The Department of Artificial Intelligence & Data Science aspires to be a pioneer in the field of Artificial Intelligence and Data Science education, innovation and research producing globally competent professionals.

MISSION

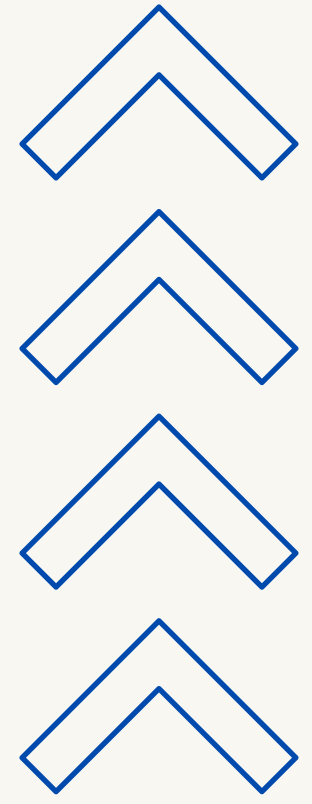


- ☆ Provide comprehensive and challenging academic training aimed at career excellence while fostering ethical and moral values.
- ☆ Cultivate a research and innovation environment for faculty and students through collaborative, interdisciplinary efforts, driving technological progress.
- ☆ Cultivate leadership potential in students by enhancing their analytical, problem-solving, and communicative capabilities.





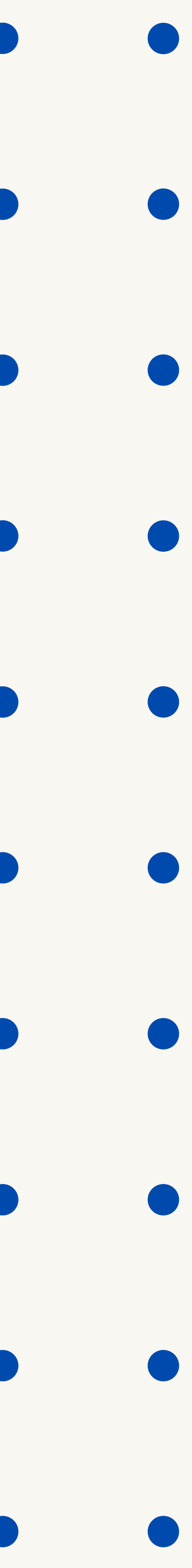
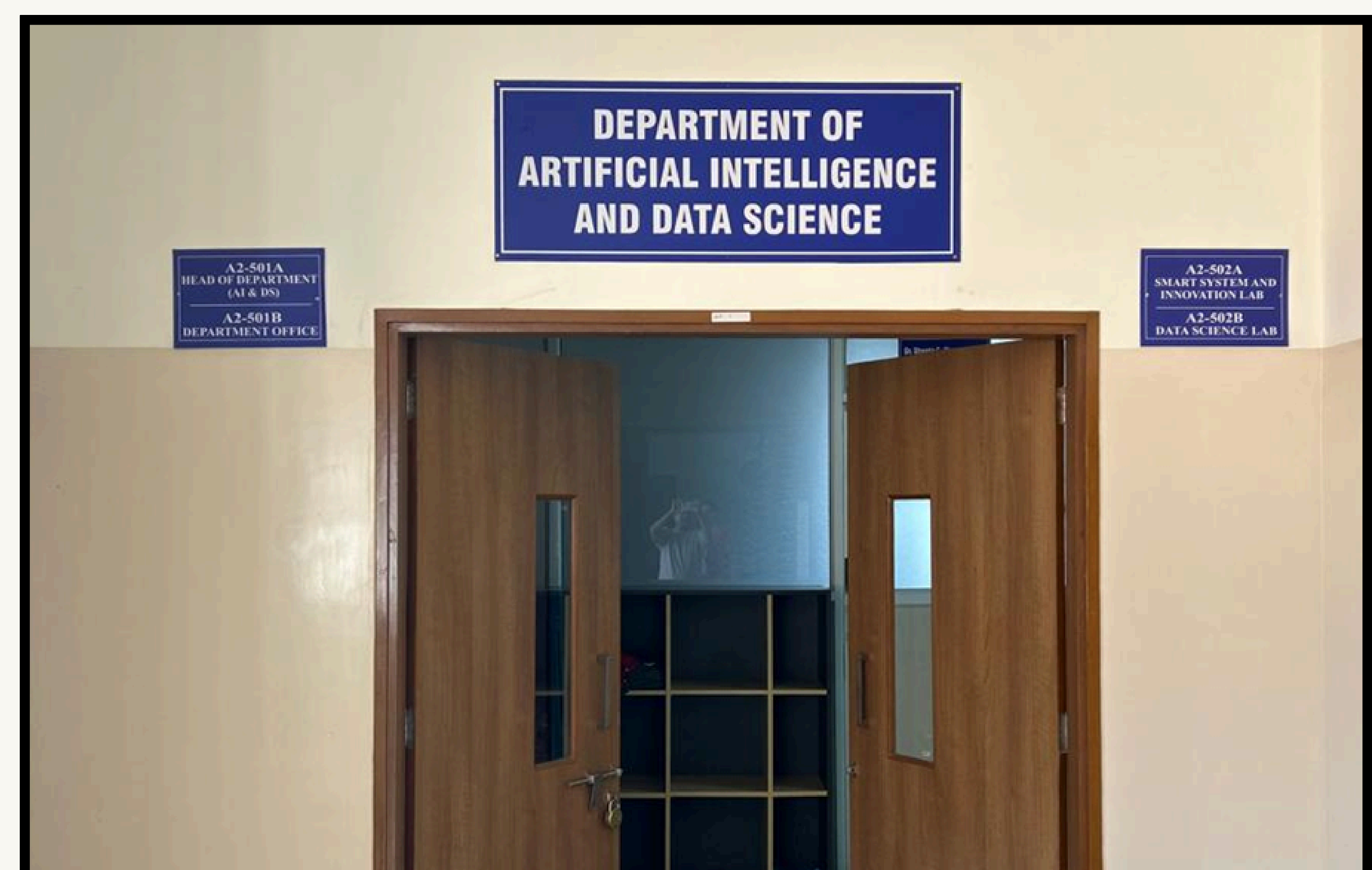
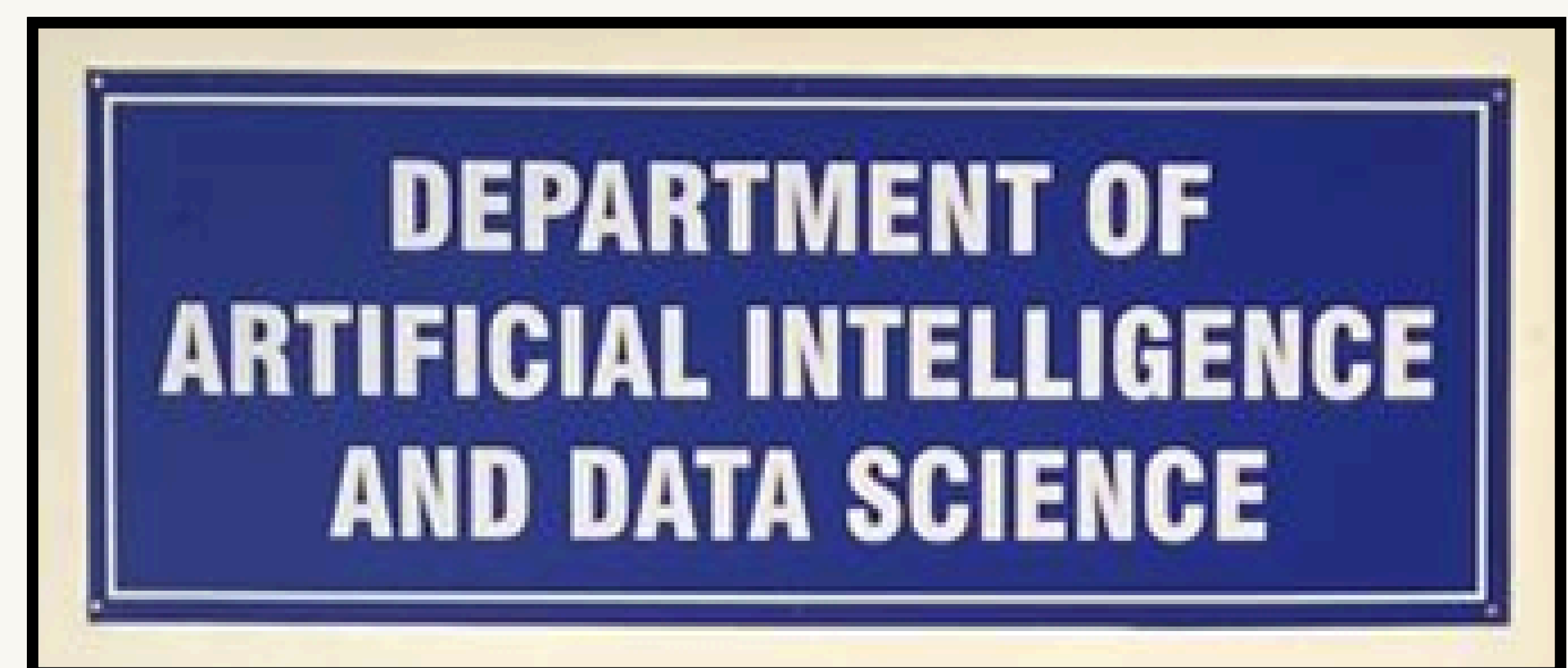
ABOUT DEPARTMENT



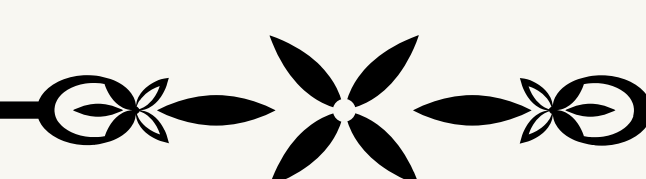
Established in the academic year 2023-2024 with an intake of 60, the Department of AI & DS at PICT aims to strengthen the technological knowledge base in this emerging field. Led by Dr. Shweta C. Dharmadhikari, our dynamic faculty is committed to academic excellence and industry-ready training.

Our interdisciplinary curriculum blends computer science with mathematical foundations, AI, machine learning, and statistical methods. This enables students to master data processing, analysis, and visualization for diverse real-time applications.

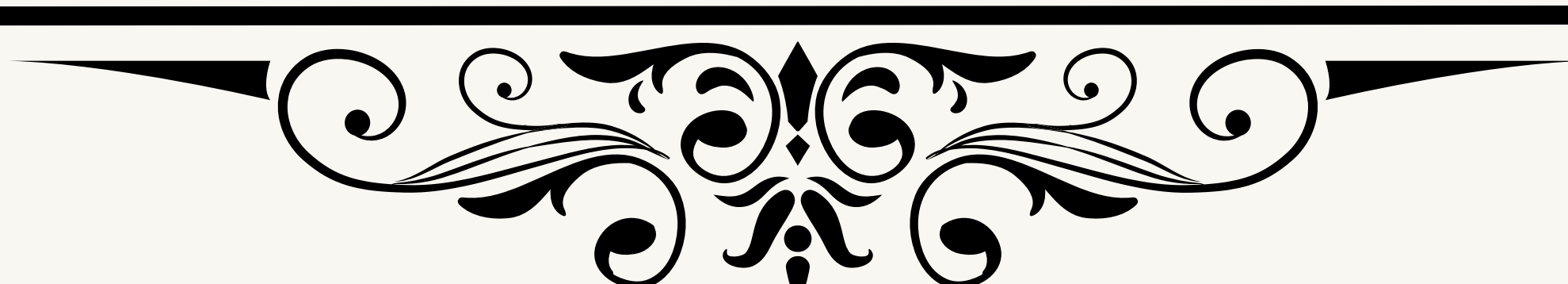
Graduates are prepared for lucrative roles across sectors like healthcare, e-commerce, and gaming. Career paths include Data Scientist, AI/ML Engineer, Research Scientist, and AI Algorithm Specialist.



GOALS

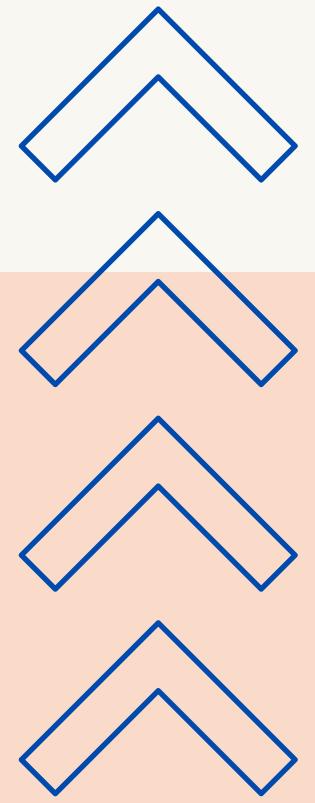


- **Academic & Competency Excellence:** Uplift student performance using innovative teaching techniques and organize specialized training and workshops to enhance employability.
- **Research & Innovation:** Establish state-of-the-art R&D facilities, publish high-quality research papers, and secure grants to develop new products and processes.
- **Industry Collaboration:** Strengthen ties with the corporate sector to attract internships, sponsored projects, and provide hands-on exposure to modern AI tools.

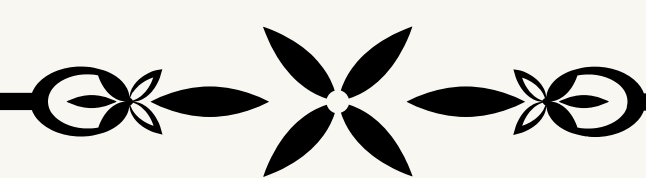




ABOUT DEPARTMENT



PROGRAM SPECIFIC OUTCOMES (PSOS)



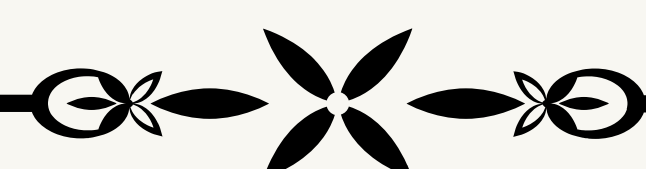
PSO-1: Develop and Deploy Intelligent Systems

Design and evaluate AI-driven solutions to address real-world problems and support realistic decision-making.

PSO-2: Analyze Meaningful Insights

Apply data science techniques to process and visualize complex data, effectively communicating results to support informed decision-making.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)



PEO-1:

Apply AI and Data Science principles to solve complex technical problems in diverse professional settings.

PEO-2:

Demonstrate effective communication and teamwork skills in collaborative environments.

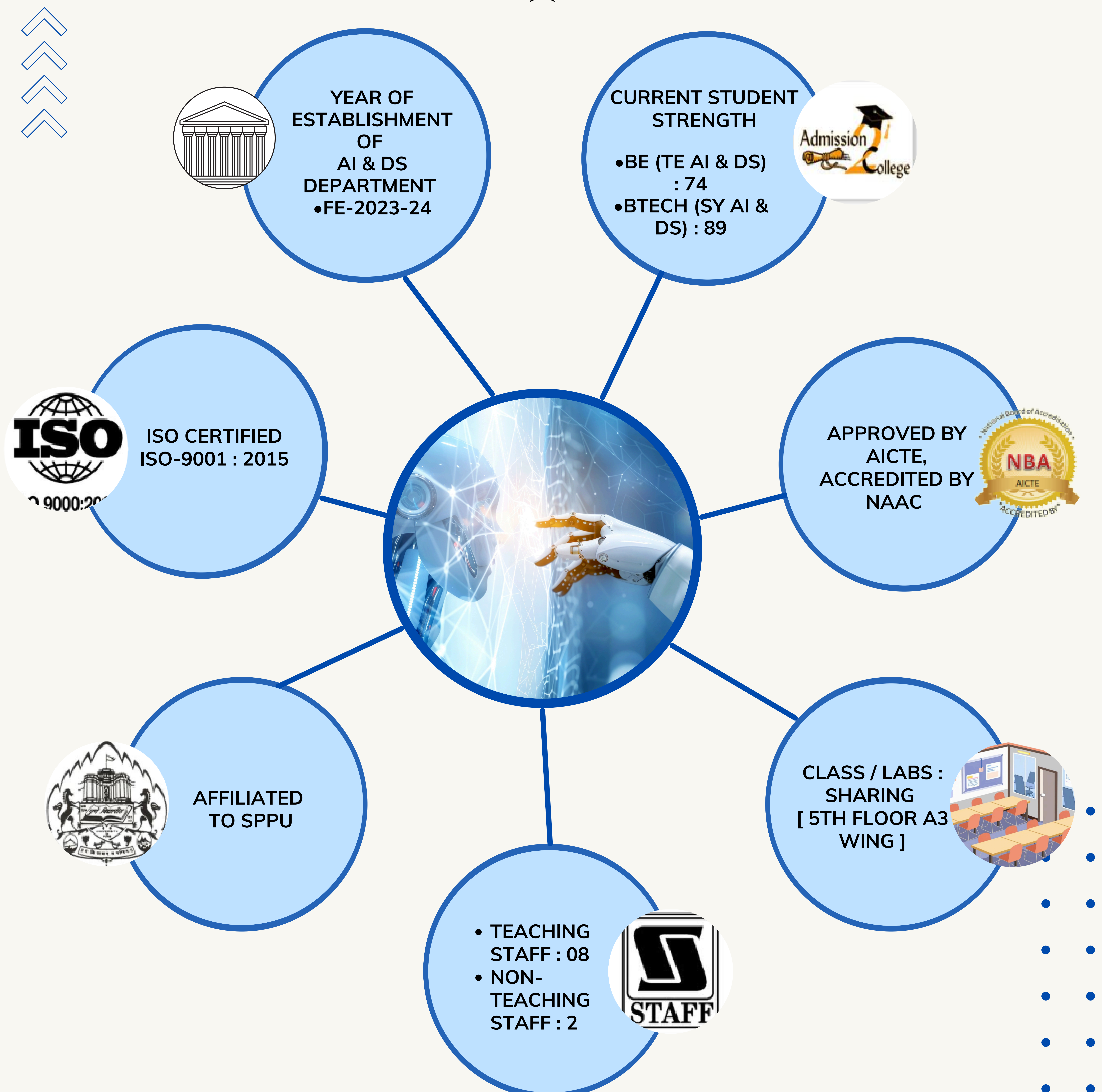
PEO-3:

Establish successful careers in industry, academia, or entrepreneurship through continuous lifelong learning.

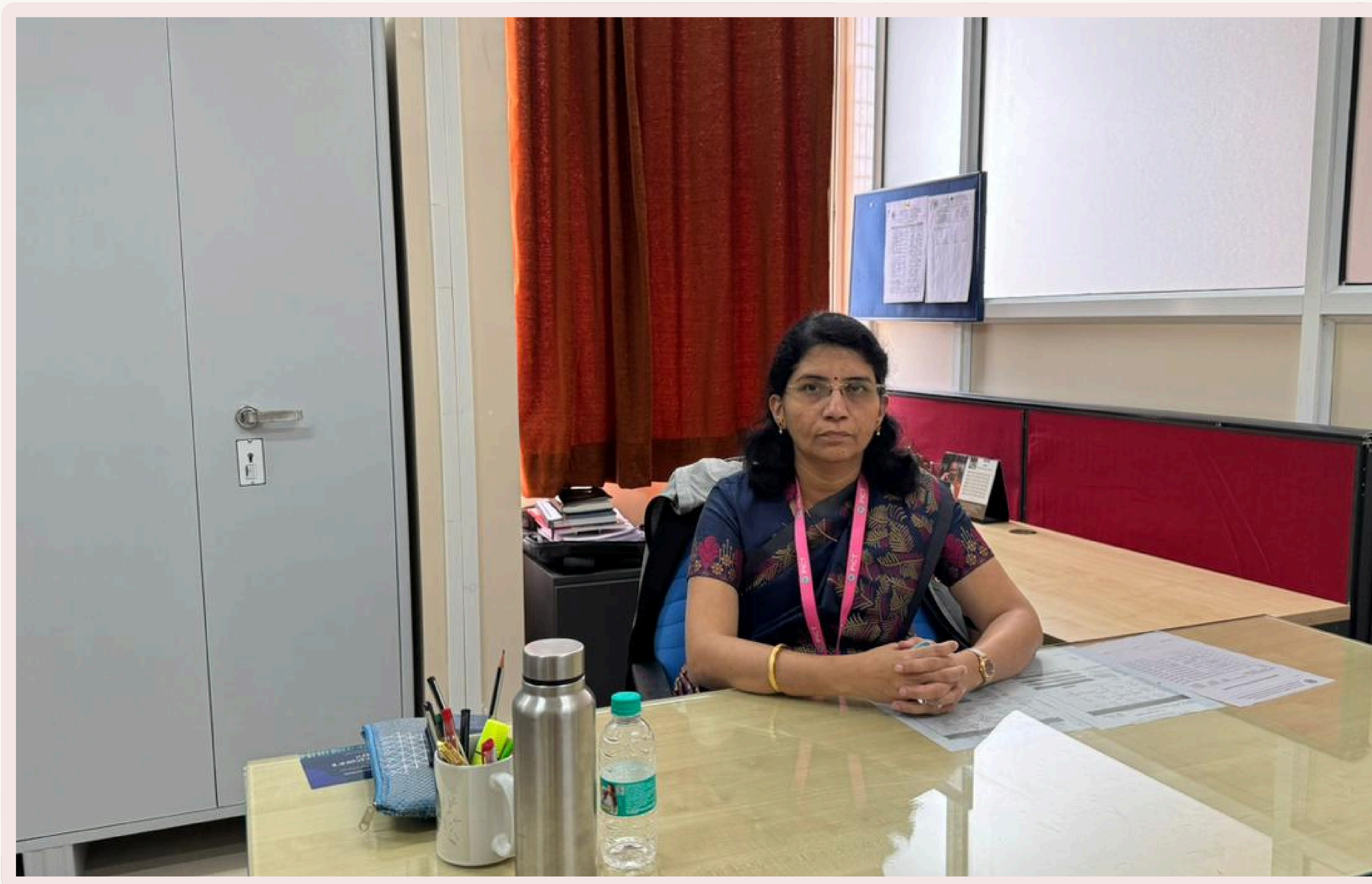


ABOUT DEPARTMENT

PORTFOLIO



MESSAGE FROM HOD



DR. SHWETA DHARMADHIKARI

It gives me immense pleasure to introduce the inaugural edition of the Department of Artificial Intelligence and Data Science newsletter. This initiative marks a significant step toward fostering greater communication, collaboration, and celebration of the vibrant academic and research culture within our department. As one of the most dynamic and fast-evolving domains, AI and Data Science are reshaping industries and redefining the future.

Our department is committed to equipping students with not just technical skills, but also the ethical and innovative mindset needed to lead this transformation.

This newsletter serves as a window into the many facets of our department, academic achievements, student innovations, research endeavors, industry collaborations, and more.

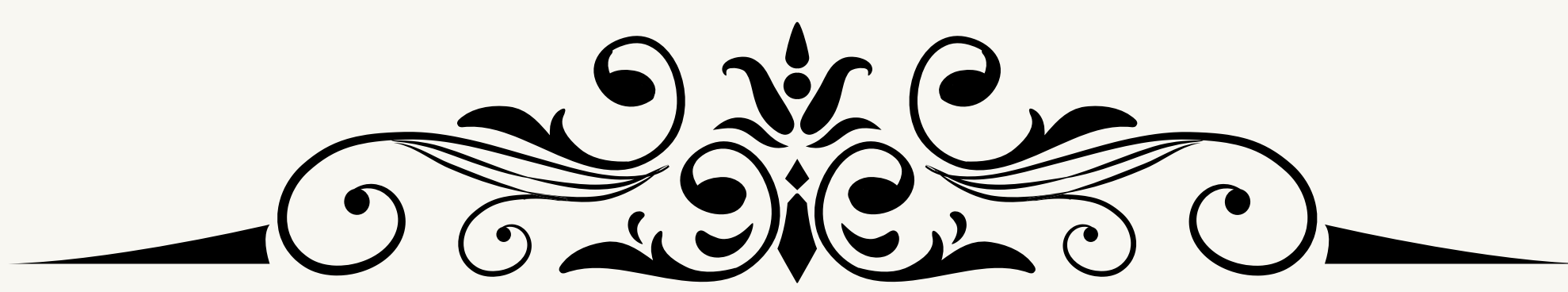
It is a platform that highlights the hard work, creativity, and passion of our faculty, students, and alumni.

I congratulate the editorial team for their dedication and vision in bringing this publication to life.

Let this newsletter inspire our students to dream big, our faculty to continue innovating, and our alumni to stay connected and engaged.

We welcome contributions, feedback, and suggestions to make this a collaborative and enriching initiative.

Together, let us continue our pursuit of excellence in the fields of AI and Data Science.



STAFF INFORMATION

TEACHING STAFF



Dr. Shweta
Dharmadhikari



Ms. Anjali Deshpande



Ms. Mrunal Mule



Ms. Deepa Mane



Ms. Tanuja Mulla



Ms. Manjushri Raut



Ms. Divya Chechani



Ms. Bhagyashri Kulkarni

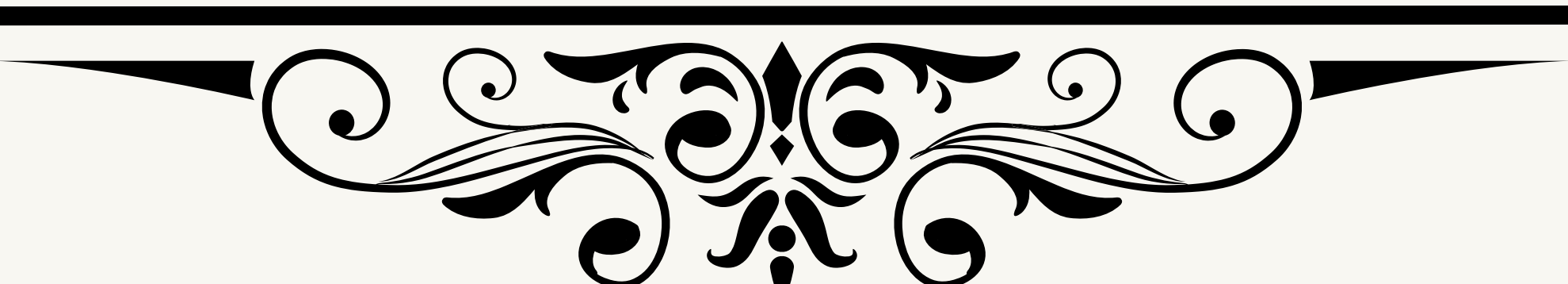
NON-TEACHING STAFF



Mr. Sandip Renuse



Mr. Mangesh Shegokar

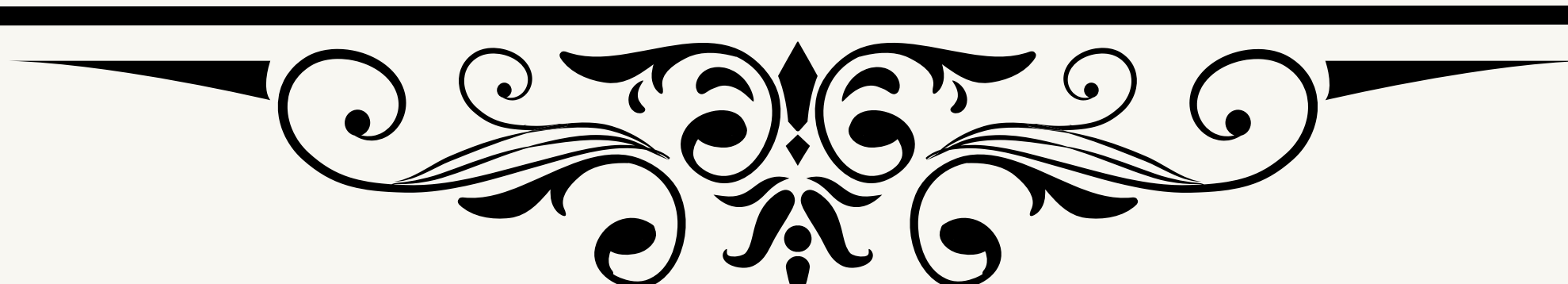




DEPARTMENTAL ACHIEVEMENTS



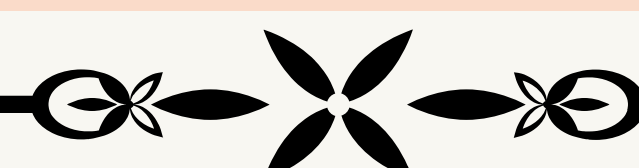
FACULTY ACHIEVEMENTS	QUANTITY
PAPER PUBICATIONS	6 published, 2 presented
MOU's	03 ,1 in Process
PATENTS/COPYRIGHT	01 Granted, 01 in Process
BoS MEMBER SPPU	01
FDP Attended	14
FDPs/Workshops/FOPs Organized or Conducted	02





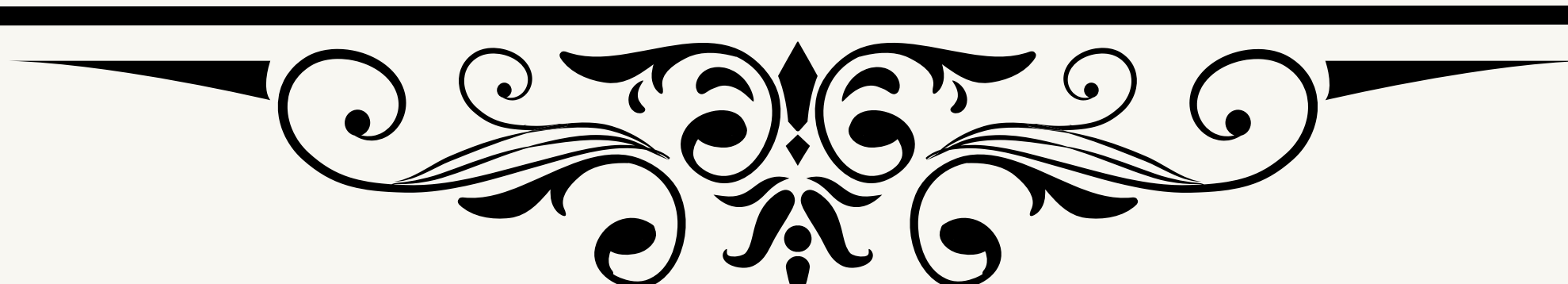
DEPARTMENTAL ACHIEVEMENTS

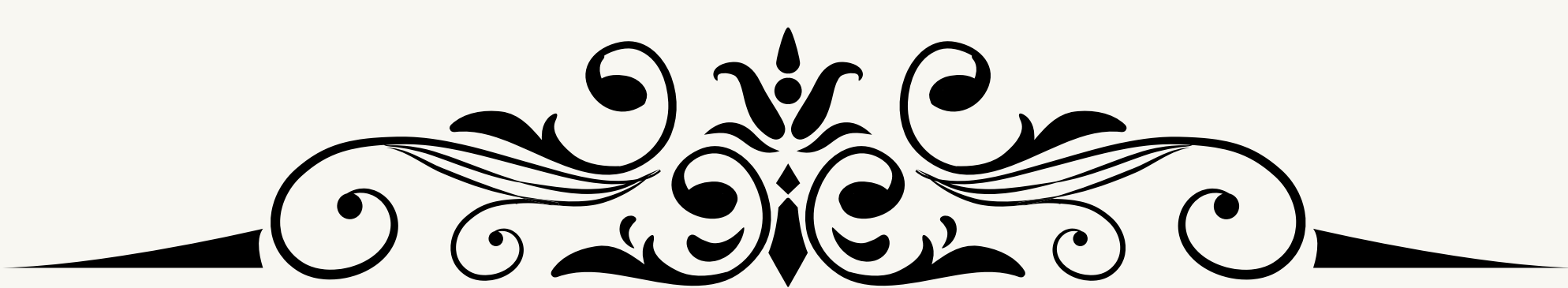
SPECIAL INTEREST GROUP (SIG)



SIG Name	Objectives	Faculty Coordinator	Internship Offered
Overall Coordinator	Dr. Shweta Dharmadhikari		
AARSR Lab (Advanced AI & Responsible Systems Research)	Research on ethical, transparent, and trustworthy AI systems. Focuses on explainable AI, federated AI, and autonomous AI agents.	Mrs.Tanuja Mulla	8
Dataverse Lab (Data-centric AI & Analytics Research Group)	Focuses on improving machine learning through better data quality and processing. Works on data analytics, annotation, and ML data pipelines.	Ms.Mrunal Mule	12
INFER Lab (Intelligent NLP & Foundational Embeddings Research Group)	Research on Natural Language Processing and foundation models. Develops chatbots, language models, and multilingual AI systems.	Ms.Anjali Despande	15
NeuroMesh Lab (Neural Networks & Computational Intelligence Research Group)	Studies neural networks and advanced deep learning techniques. Builds AI solutions for robotics, IoT, and smart systems.	Mrs.Deepa Mane	33
AICERT Lab (AI for Cybersecurity, Ethics, Resilience, and Trust)	Applies AI to improve cybersecurity and digital trust. Focuses on threat detection, privacy, and secure AI systems.	Mrs. Manjushri Raut & Ms. Divya Chechani	6

Our in-house internship program is designed to give students practical exposure to real-world projects within the college itself. Under the guidance of faculty mentors, students work in different research labs where they learn by doing, collaborate with teams, and develop problem-solving skills. The program helps students understand how technology and research are applied to solve real problems, while also building confidence, teamwork, and industry-ready skills before they graduate.

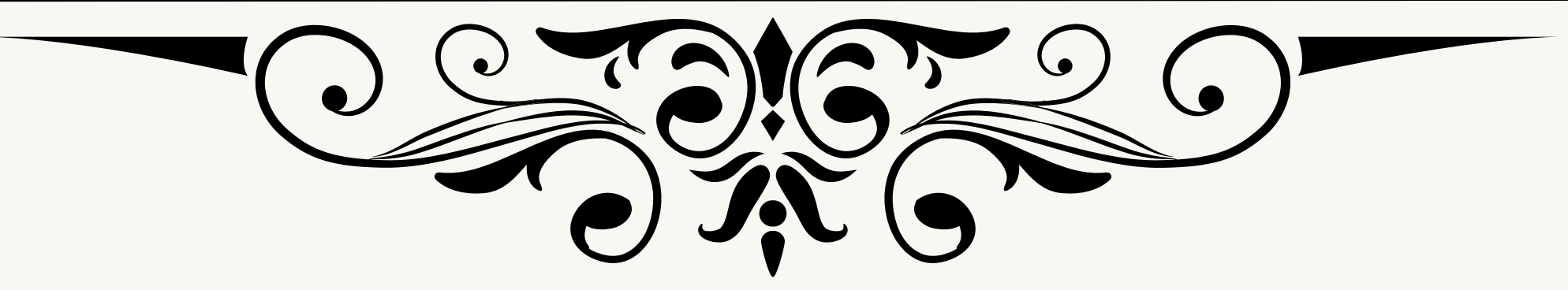




STAFF ACHIEVEMENTS



Staff Name	Seminar Attended/ Certification/ Paper Publication/ Patent/ Book Chapter/ Other Achievements	Status (Completed/ Ongoing)
Dr. S. C. Dharmadhikari	Successfully Completed Executive PG Programme in Data Science : IIIT Bangalore and upGrad, duration of 12 Months	Completed
	Published Paper: Title-Revolutionizing learning – A journey into educational games with immersive and AI technologies, at Elsevier’s Journal of Entertainment Computing, Volume 52, 2025	Published in Journal
	Filed a UK Design Patent : Title - Graphical User Interface Display Layout for a Voice-Activated Deep Learning Device. Application Number-6469258, Filing Date-02/09/2025	Filed
Ms. Anjali Deshpande	Paper titled "Bias Detection and Mitigation in Datasets and Language Models" has been accepted for presentation at ICDSINC 2025, NIT Raipur	Accepted for Publication
	Completed NEP-ORIENTATION AND SENSITIZATION PROGRAMME Under MMTTC - IIT Kharagpur	Completed
Mrs. Tanuja Mulla	APEX Virtual Faculty Development Programme (FDP) on Artificial Intelligence, hosted by Tata Consultancy Services	Completed
Ms. Mrunal Mule	Patent - 1	Published
	Participated in “Industry Academia Collaboration & Skill Development” Faculty Knowledge sharing Program organized by ICFAI Business School	Completed
	UHV-I Certified	Completed
Ms. Divya Chechani	Paper titled “Recommendation Using Deep Sentiment Analysis” published by JSEE	Published
	FDP - Felder Brent Effective Teaching and Learning Course	Ongoing
Mrs. Manjushri Raut	FDP - Felder Brent Effective Teaching and Learning Course	Ongoing
	3-days AICTE approved FDP on Universal Human Values–I	Completed

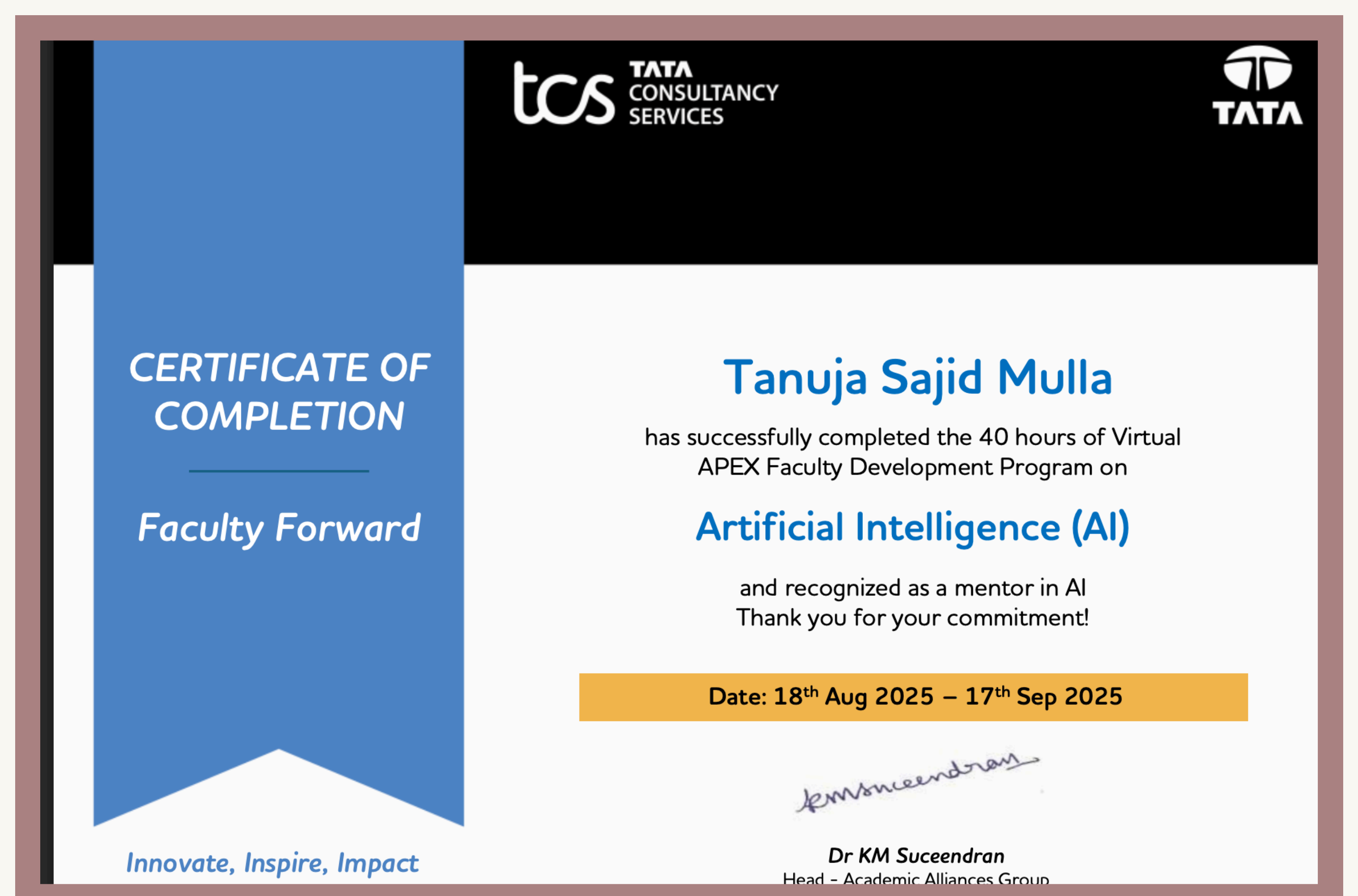


STAFF ACHIEVEMENTS

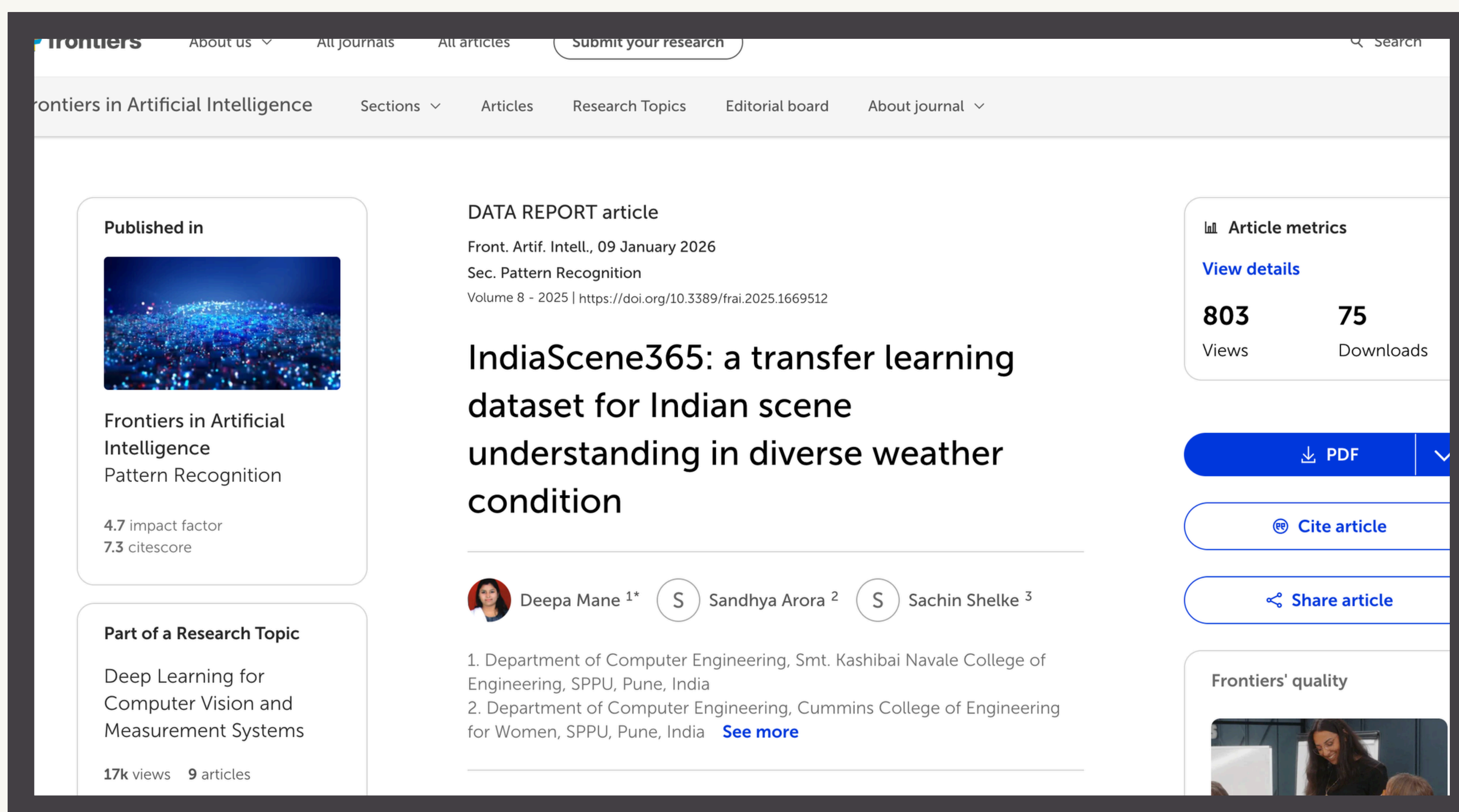


Dr. Shweta Chandrashekar Dharmadhikari successfully completed the Executive Post Graduate Programme in Data Science & Artificial Intelligence from International Institute of Information Technology Bangalore on June 17, 2025, with a specialization in Business Analytics. This accomplishment reflects her advanced expertise in data-driven decision-making, analytical modeling, and emerging AI technologies, strengthening her contribution to academic and professional excellence in the field of Data Science and Artificial Intelligence.

Mrs. Tanuja Sajid Mulla successfully completed the prestigious 40-hour Virtual APEX Faculty Development Program on Artificial Intelligence conducted by Tata Consultancy Services (18th Aug 2025 – 17th Sep 2025). In recognition of her dedication, expertise, and commitment to fostering innovation in academia, she has also been honored as a Mentor in AI, reflecting her active contribution toward advancing AI-driven learning and inspiring future-ready talent.



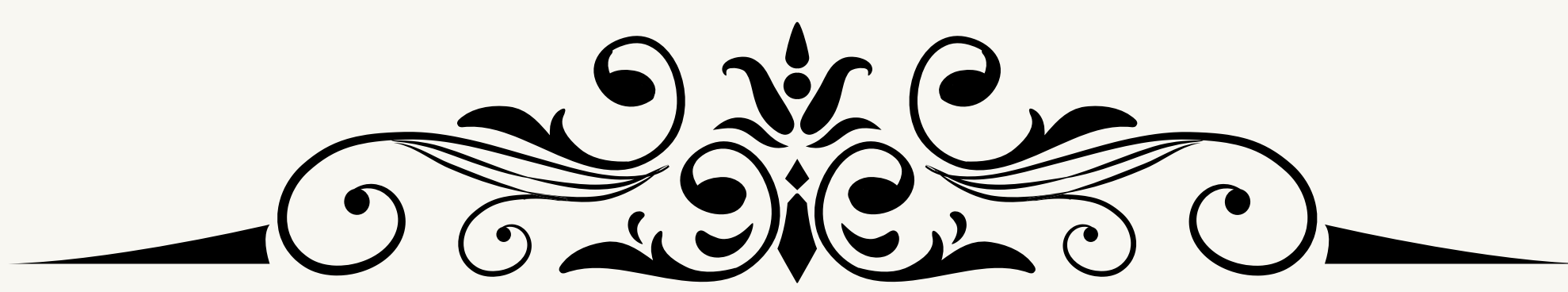
STAFF ACHIEVEMENTS



Ms. Deepa Mane's research article titled "IndiaScene365: a transfer learning dataset for Indian scene understanding in diverse weather condition" has been published in Frontiers in Artificial Intelligence (09 January 2026), under the Pattern Recognition section. This significant contribution introduces a novel dataset to advance scene understanding and transfer learning research tailored to Indian environments, highlighting her impactful work in the domains of Computer Vision and Artificial Intelligence at an international level.

Faculty members actively participated in co-curricular and extra-curricular outreach initiatives, contributing to a community health awareness and check-up camp organized under the National Service Scheme (NSS) at Ketkavane, Maharashtra (27 January 2026). The activity, conducted in collaboration with Rotary Charitable Trust and local stakeholders, involved community interaction, awareness sessions, and on-ground coordination, reflecting the institution's commitment to social responsibility, rural engagement, and holistic development beyond the classroom.



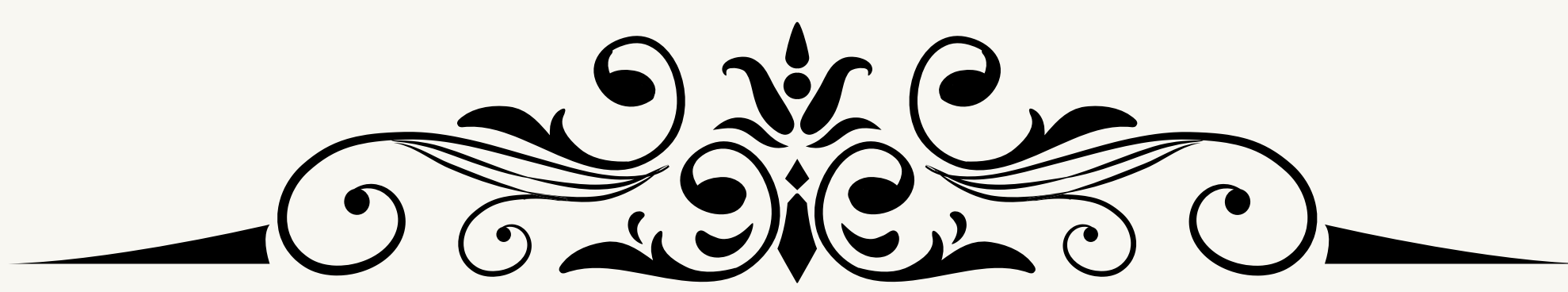


STAFF ACHIEVEMENTS



The AI&DS faculty displayed remarkable teamwork and determination by securing a spot in the semi-finals of the throwball competition. Their coordination, enthusiasm, and never-give-up spirit highlighted their unity and strong sportsmanship. Competing with great energy and mutual support, they truly set an inspiring example both on and off the court.





RANK HOLDERS

TE-AI&DS



Harshita Mahalkar
9.73



Shivpratap Mithapalli
9.73



Nikita Bhedasgaonkar
9.59



Shivani Konde
9.59



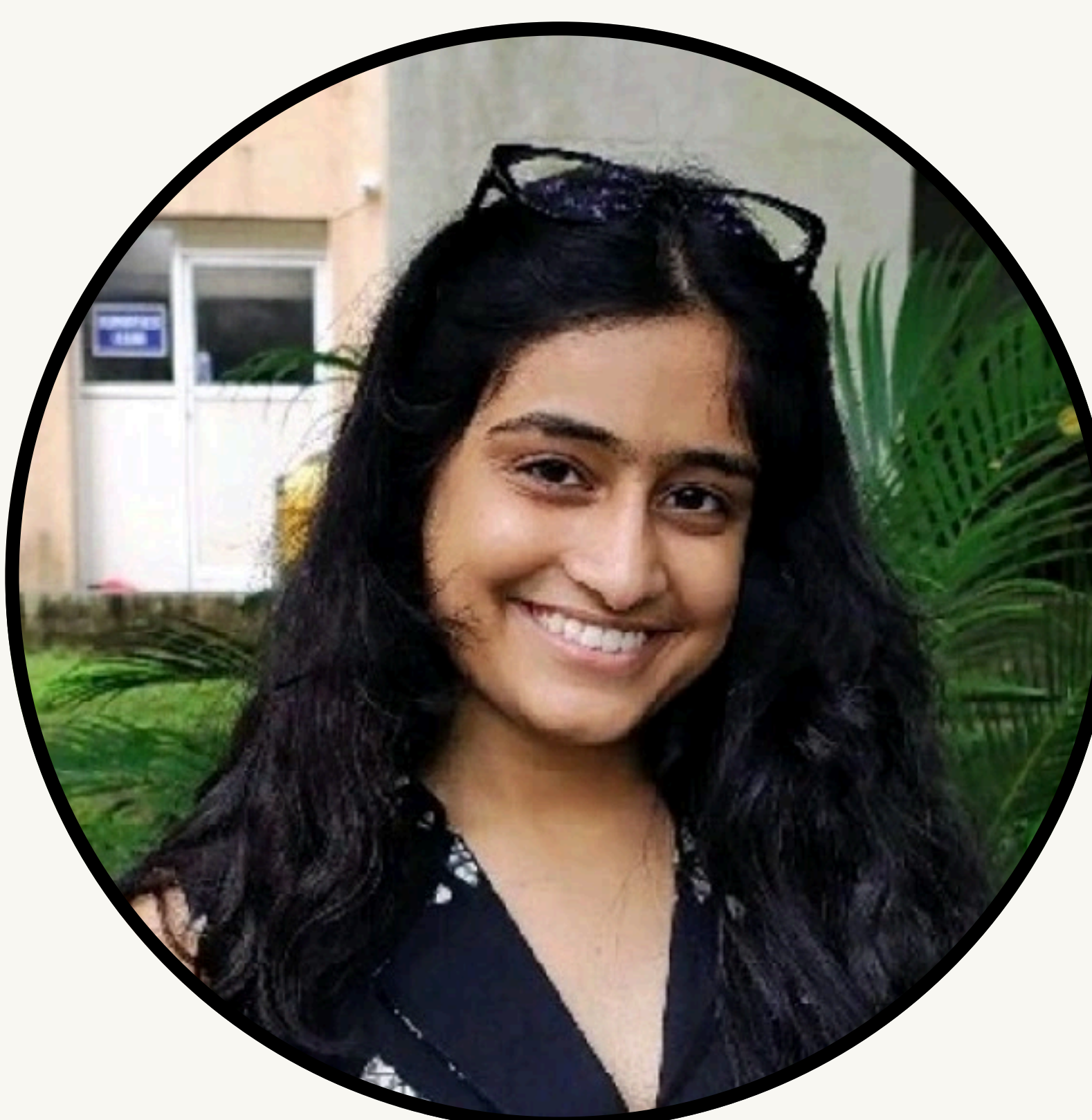
Pranisha Pol
9.59



Prathamesh Wankhade
9.59



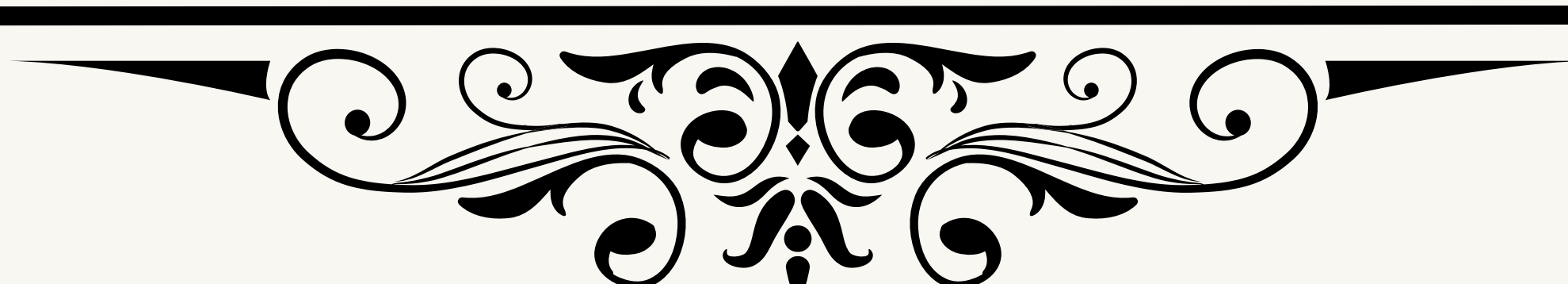
Kanan Shah
9.45

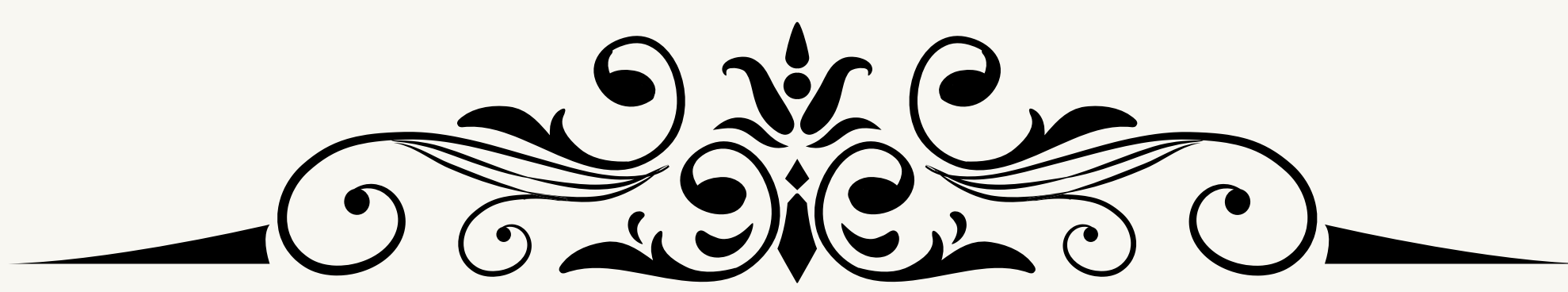


Prisha Birla
9.45



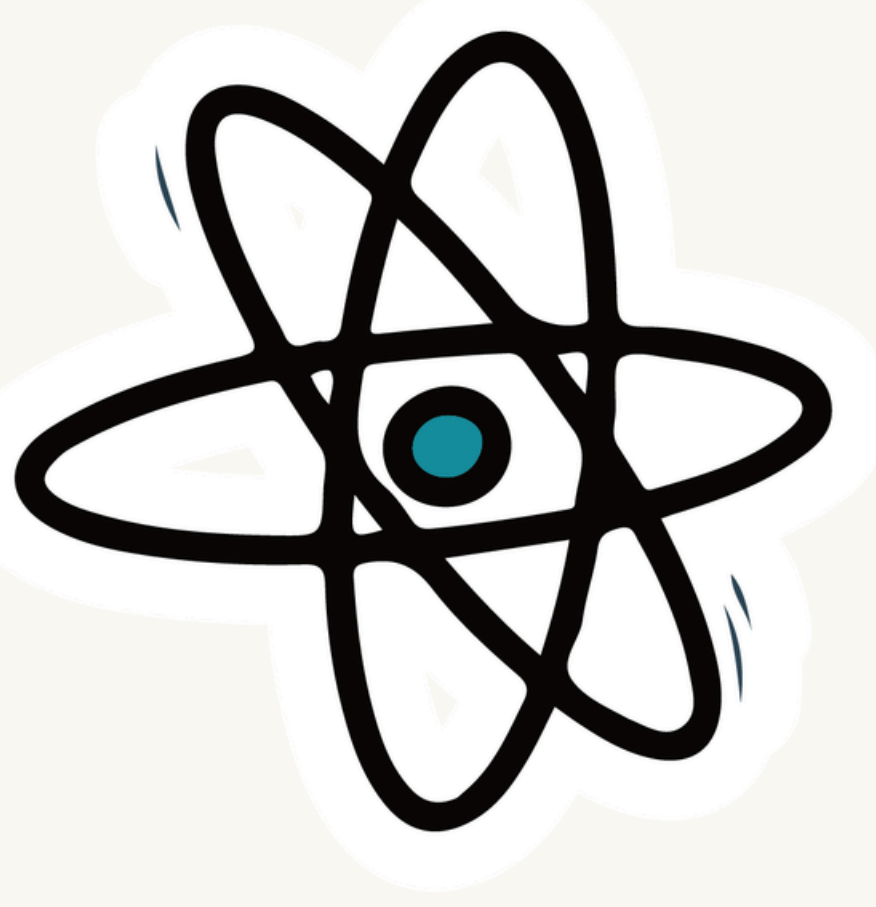
Urvi Rashinkar
9.36





RANK HOLDERS

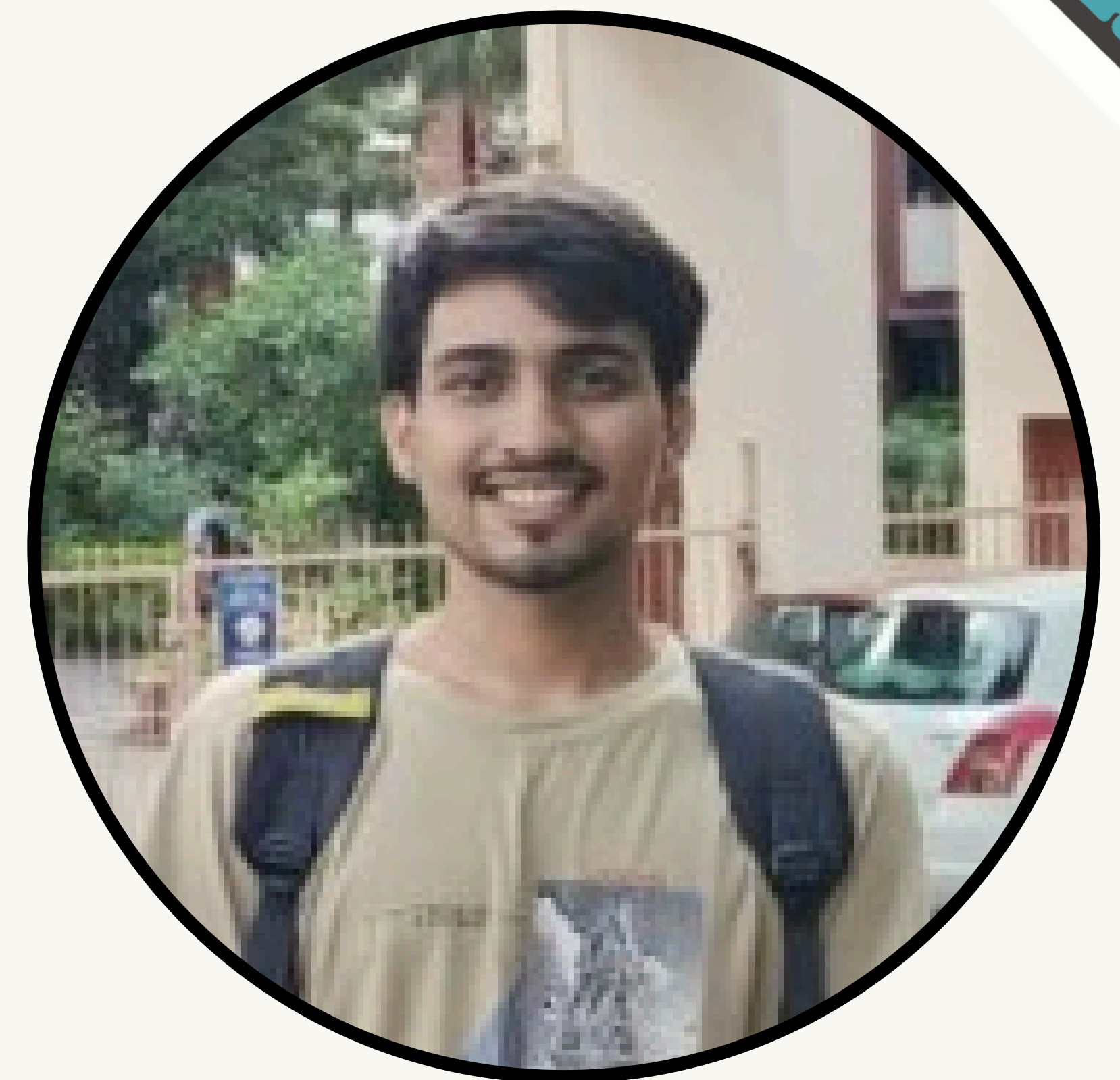
TE-AI&DS



Vivek Bhalke
9.32



Atharva Lole
9.32



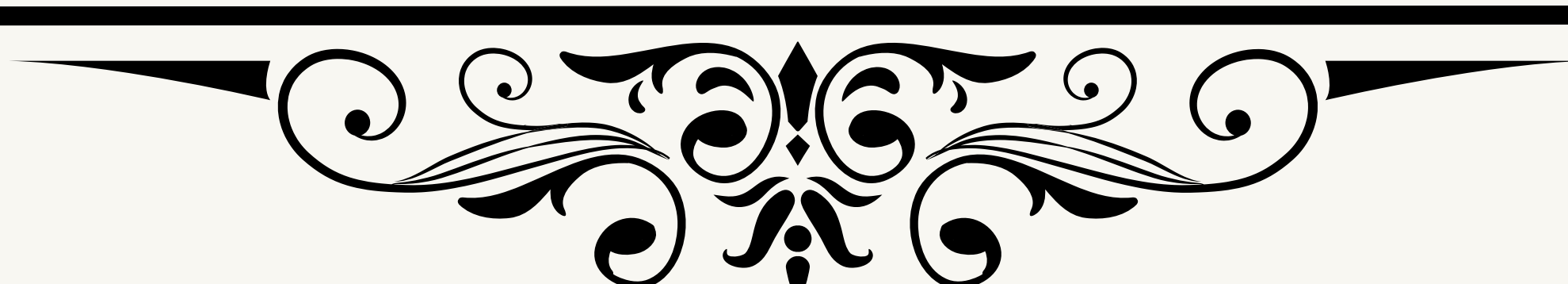
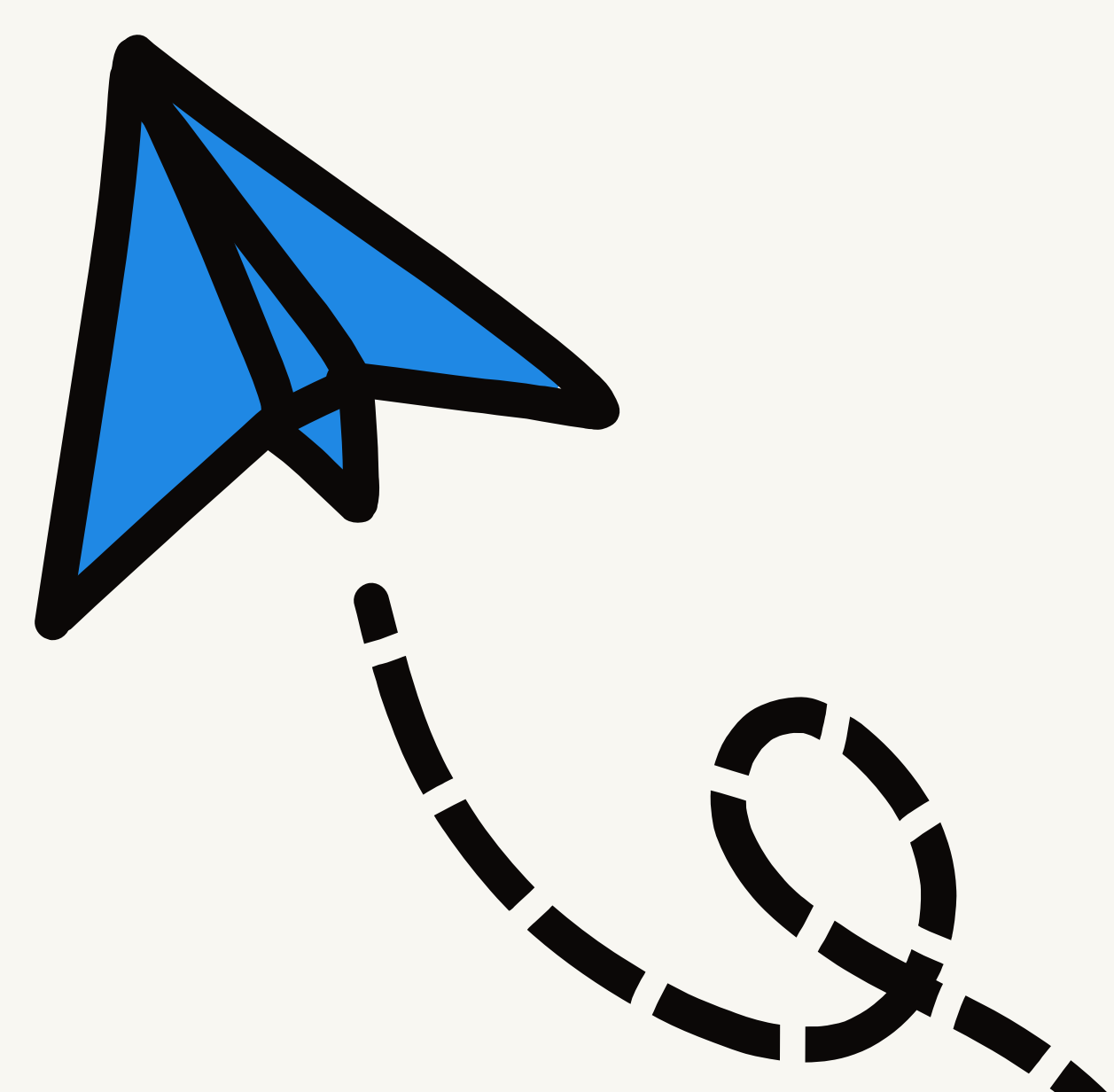
Raj Patle
9.32



Harshit Vora
9.32



Bhumi Wayal
9.32



RANK HOLDERS

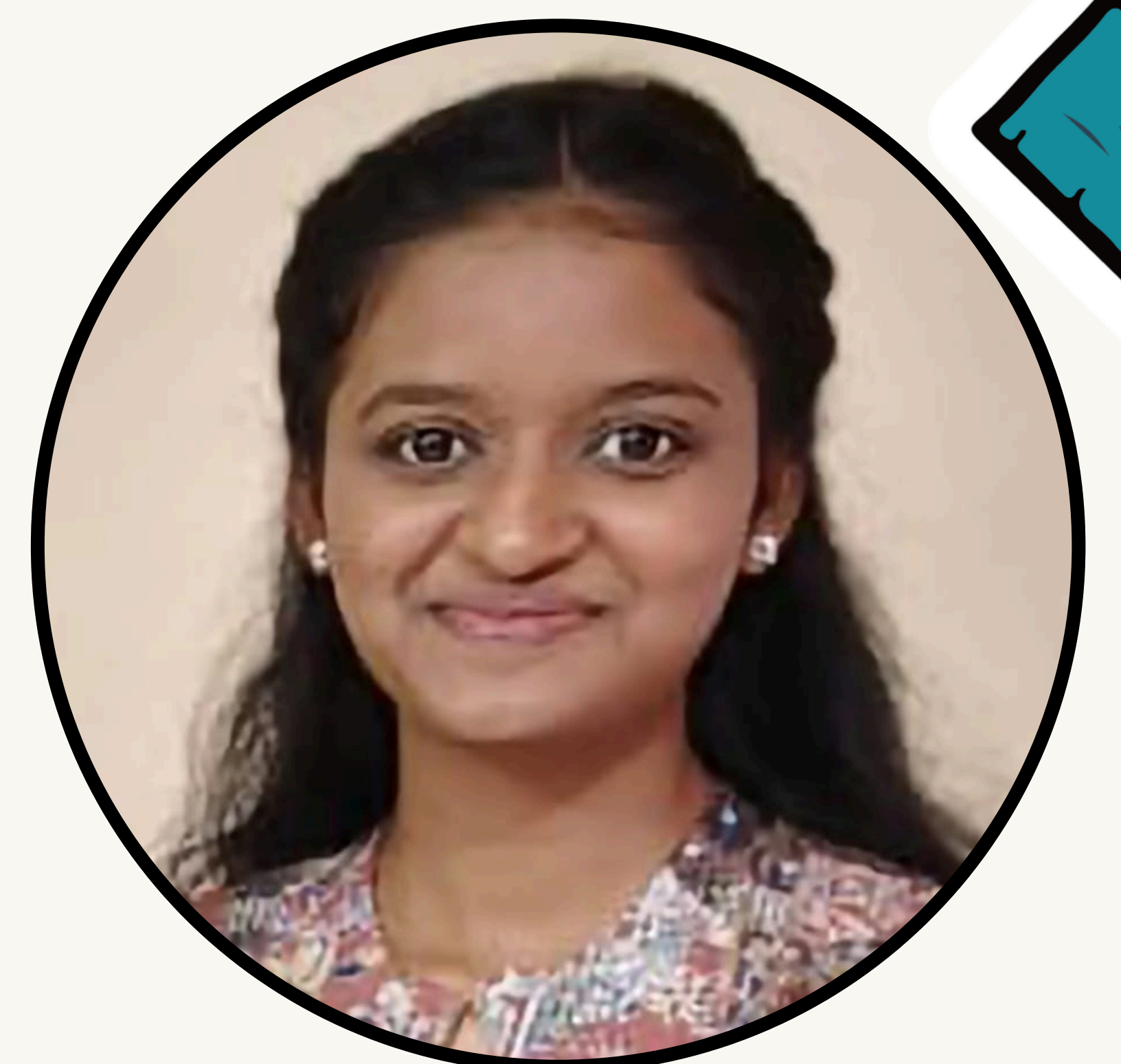
SY-AI&DS



Riya Sonawane
9.82



Sanskriti Gupta
9.73



Vaishnavi Tare
9.59



Hasan Saylawala
9.59



Nupur Chendge
9.5



Vedant Jadhav
9.5



Kavya Mahamine
9.5



Shirin Bobdey
9.45

SESSIONS CONDUCTED

PYTHON BOOTCAMP



A one-week Python bootcamp was conducted as a bridge course to help students strengthen their foundational programming skills. The session focused on introducing core Python concepts and building confidence among participants to reduce learning gaps in their academic curriculum. The bootcamp was led by Mrs. Tanuja Mulla and Ms. Divya Chechani, achieving strong engagement with 92% attendance.

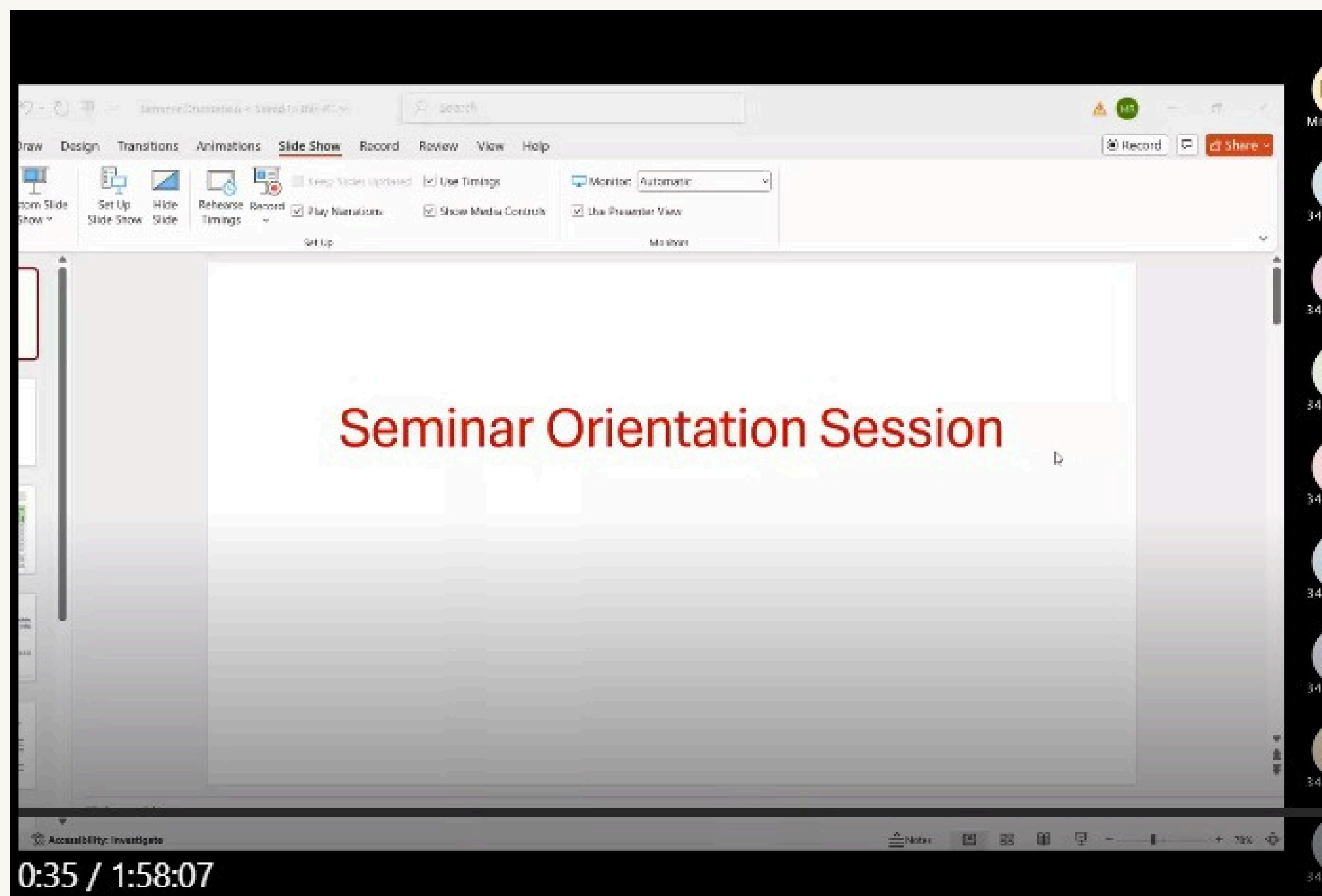


SEMINAR ON MICROSOFT CERTIFICATIONS EXAM

An awareness session was conducted in the IT Seminar Hall by Mr. Amol Aher, Director & Head of Operations at Kasnet. The session introduced students to the structured certification pathways offered by Microsoft, covering categories such as Fundamentals, Associate, Expert, and Specialty levels. Participants were guided through role-based certification paths across domains including Azure, Microsoft 365, Security, and Data/AI. The session emphasized how these certifications align with industry roles, enhance technical credibility, and support career progression in cloud computing and emerging technology domains.



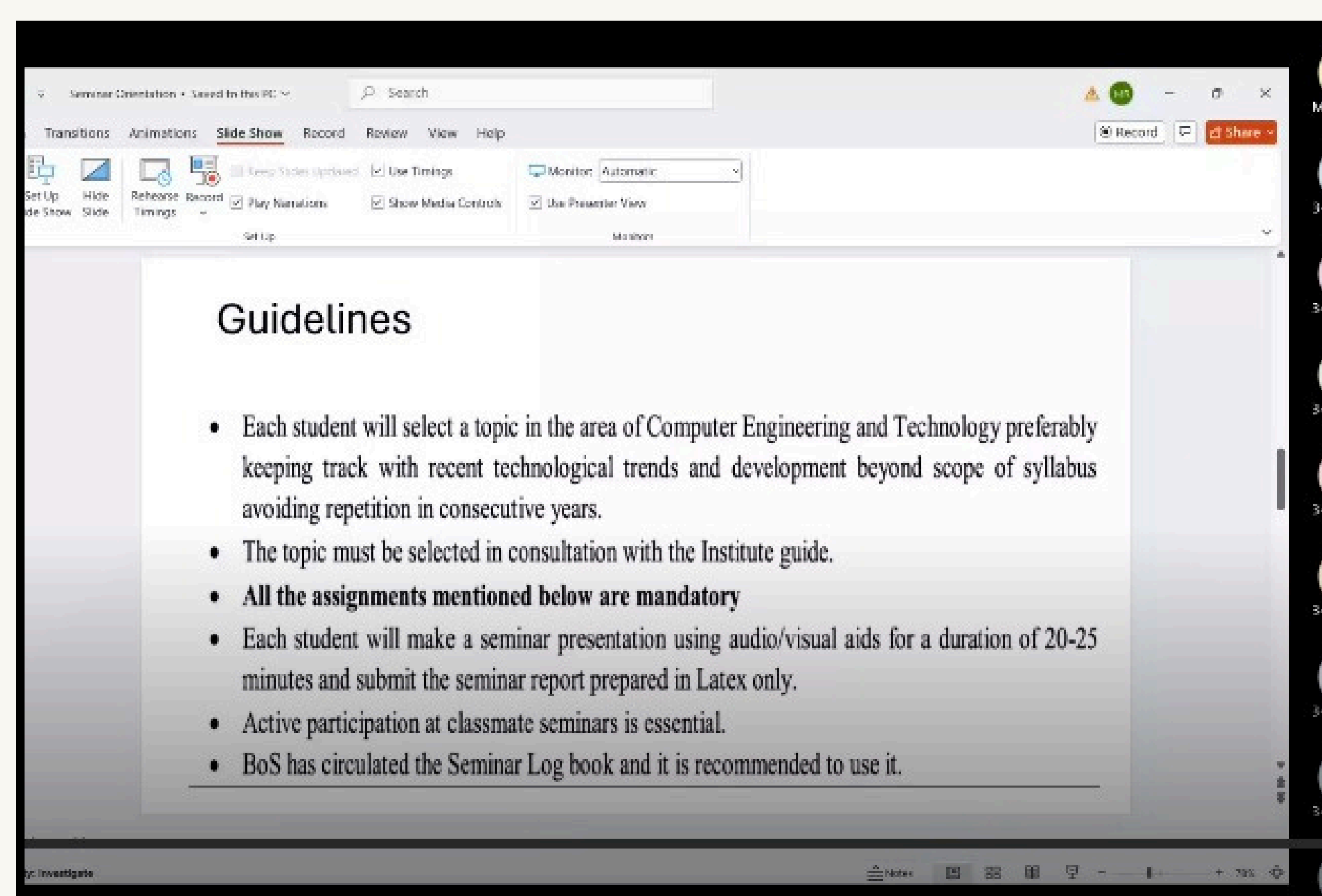
SEMINAR ORIENTATION SESSION



An online session was conducted to enhance students' problem analysis skills and strengthen core communication competencies.

The session focused on developing structured thinking approaches to analyze problems effectively and express solutions with clarity.

Key areas included active empathetic listening, confident and structured speaking, and professional writing skills. Emphasis was also placed on improving interpersonal communication and fostering better understanding in academic and professional environments.



EXPERT TALK ON UNIVERSAL HUMAN VALUES



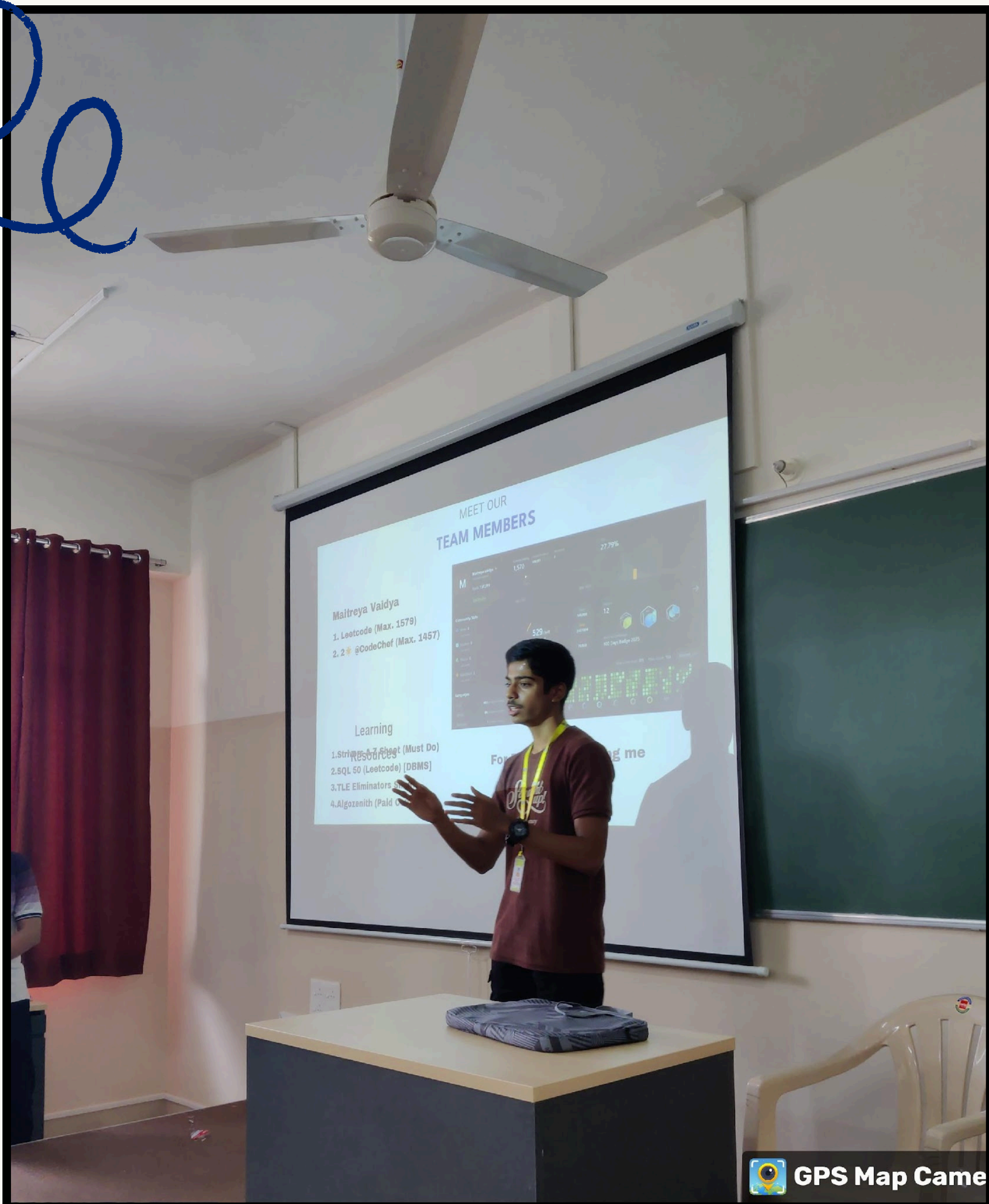
A workshop was conducted to help students enhance the way they approach teamwork and professional responsibilities.

The session focused on strengthening communication skills, building empathy, improving task prioritization, and fostering effective collaboration.

Students gained insights into maintaining team harmony while ensuring productivity and accountability within group work.

The interactive discussions and practical examples enabled participants to understand how these skills directly contribute to both academic success and future workplace efficiency.

DATA STRUCTURES CLUB



A coding club session was organized to support second-year students through a structured peer-mentoring model led by seniors. The initiative focused on weekly problem sets, guided walkthroughs, and doubt-clearing sessions to strengthen conceptual clarity and steady progress. Participants were introduced to coding platforms, version control, debugging techniques, and effective problem-solving strategies. Emphasis was placed on data structures, algorithms, and interview preparation to enhance technical fundamentals and placement readiness. The program promoted consistent practice, collaboration, accountability, and improved problem-solving confidence among students.

ORIENTATION PROGRAM ON TRAINING & PLACEMENT

An orientation session was conducted to introduce students to Training and Placement (T&P) activities and the opportunities available to support their career development.

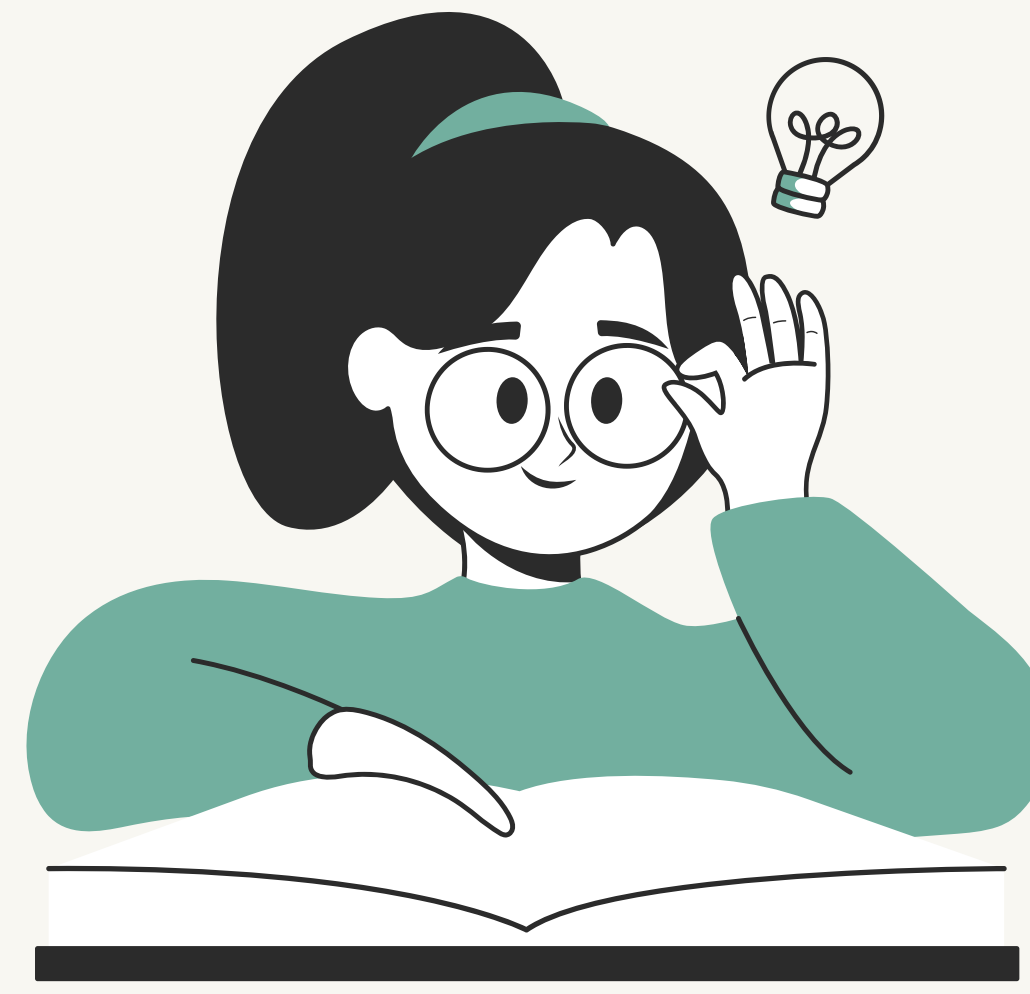
The session provided guidance on internship opportunities, industry expectations, and effective preparation strategies for recruitment processes. Students were informed about the importance of skill development, resume building, aptitude preparation, and continuous practice to enhance employability.

The session aimed to create awareness about career planning and motivate students to actively participate in placement-related initiatives.



Pune, Maharashtra, India
Sctr's Pune Institute Of Computer Technology Near, Trimurti Chowk,
Bharati Vidyapeeth Campus, Dhankawadi, Pune, Maharashtra 411043,
India
Lat 18.457856° Long 73.851157°
01/09/2025 03:37 PM GMT +05:30

SESSION ON HOW TO PREPARE FOR SMART INDIA HACKATHON 2025



Department of Artificial Intelligence & Data Science

TE AI&DS students, winners of Smart India Hackathon 2024 🏆 (₹1,00,000 First Prize), are conducting a 30-min interactive session for SY AI&DS students on

“How to Prepare for Smart India Hackathon 2025”

📅 Date: 05-09-2025 ⌚ Time: 10:30 AM

📍 Venue: Online (Microsoft Teams)

Don't miss this chance to learn from their first-hand experiences, strategies, and tips to crack SIH 2025! ✨



Ms. Nikita Bhedasgaonkar



Ms. Isha Shah

An online session was conducted to celebrate and share the remarkable achievement of two of our dedicated and talented students, Ms. Nikita Bhedasgaonkar and Ms. Isha Shah, who, along with their team, secured First Position in the Smart India Hackathon (SIH).

The session highlighted their innovation, teamwork, and problem-solving approach in addressing real-world challenges through a creative and practical solution.

Students were inspired by their journey, learning about the importance of perseverance, technical excellence, and collaborative effort in succeeding at national-level competitions.



.NET DEVELOPMENT

What is ASP.NET?

ASP.NET is a **web development framework** created by Microsoft.

It is used to build **dynamic web applications, websites, and web services** using programming languages like **C#** or **VB.NET**.

When you use websites like:

- Amazon** → shows your name and recommendations after login
- Netflix** → shows movies based on your profile
- IRCTC / Zomato / Flipkart** → uses forms, payment, login systems

These are all **dynamic websites** and such systems can be easily built using ASP.NET.

ASP.NET is widely used across industries for:

- E-commerce websites** (e.g., Amazon-like portals)
- Online booking systems** (flight, train, movie tickets)
- Healthcare portals** (patient management, hospital systems)
- Banking systems** (internet banking)
- Educational portals** (college management, e-learning)
- Social media platform** (personal communication)

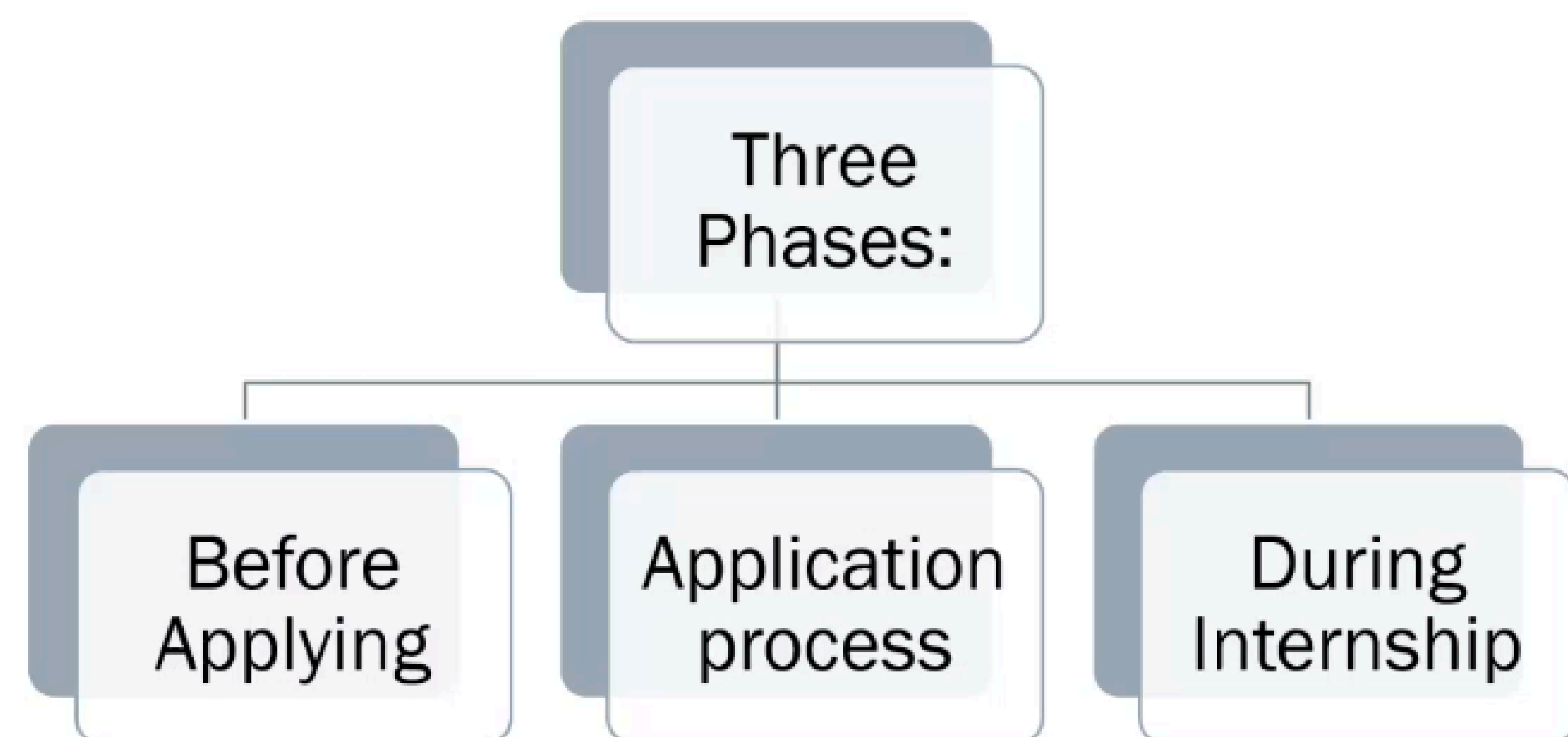


An online session was conducted by Ms. Sneha Chamche, Software Engineer at Landmark Techedge Pvt. Ltd., to introduce students to the fundamentals of the .NET framework and its development ecosystem. The session explained the core architecture, key components of the .NET platform, and the role of C# within the framework.

Students were introduced to web development using ASP.NET for building dynamic applications, along with the use of ASP.NET controls for creating interactive user interfaces and managing server-side functionality. The session provided a clear understanding of how .NET technologies support modern application development.

ALUMNI EXPERT SESSION ON “HOW TO PREPARE FOR BARCLAYS”

Internship Preparation roadmap



Some General Tips!!

- Maintain a good CGPA - For IT dept **at least above 9.**
- Focus on subjects like **OOPs, DBMS, OS and CN.**
- Solve **5-7 DSA questions daily** to improve your PS skills.
- Select a domain like **Machine learning, Web dev, etc**
- Make at least **2-3 good projects** which you can showcase in resume.
- Maintain a decent and updated **Linkedin Profile.**

A guidance session was organized by the IT Department where alumni of Pune Institute of Computer Technology currently working at Barclays shared their interview experiences and preparation strategies. They explained the recruitment process, technical and HR rounds, and the skills required to secure internships and PPOs.

The session provided practical guidance on strengthening core concepts, improving coding proficiency, and preparing strategically for placements. Students gained clarity on industry expectations and effective preparation approaches.

INTRODUCTORY SESSION ON DATA STRUCTURES AND ALGORITHMS

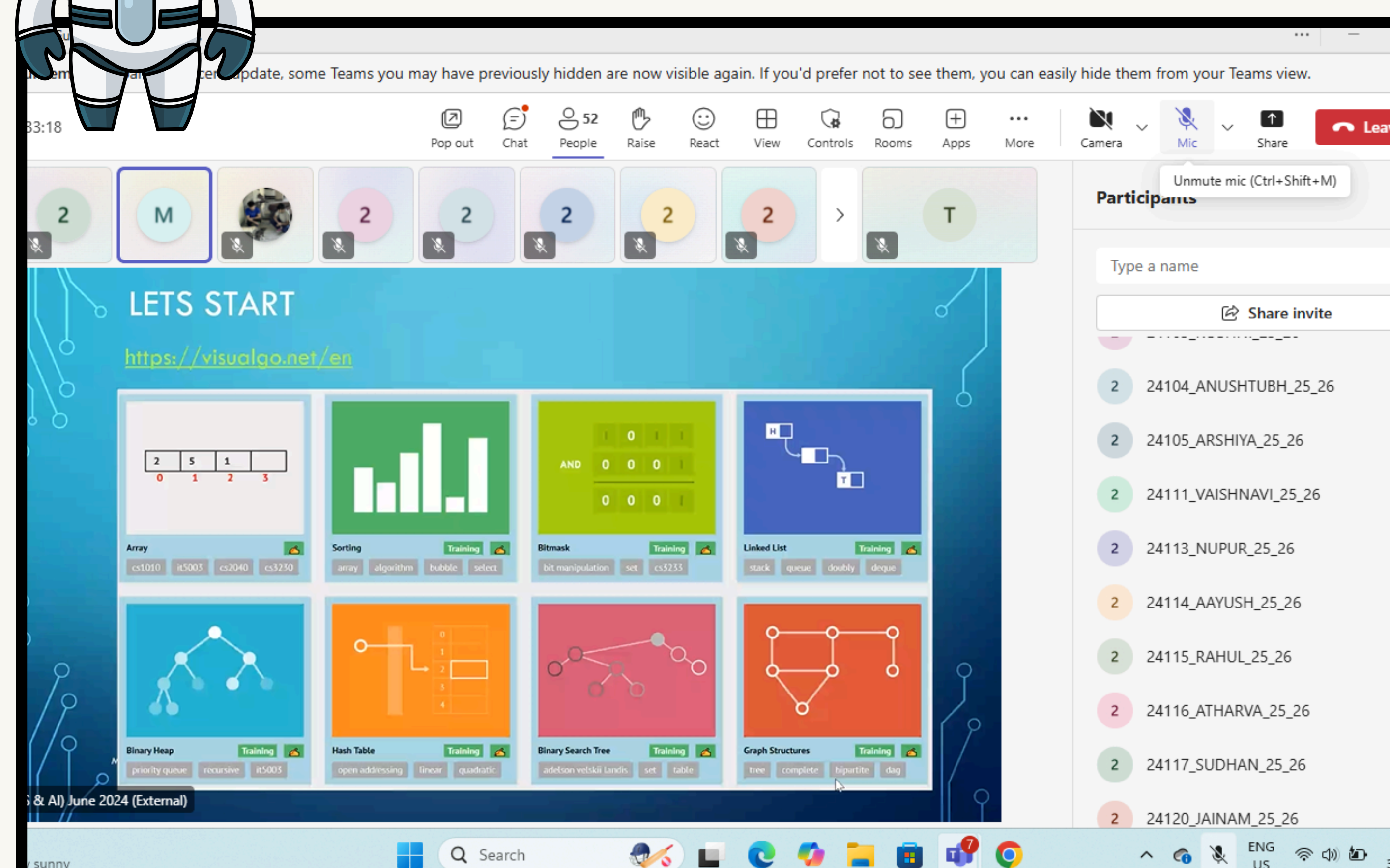
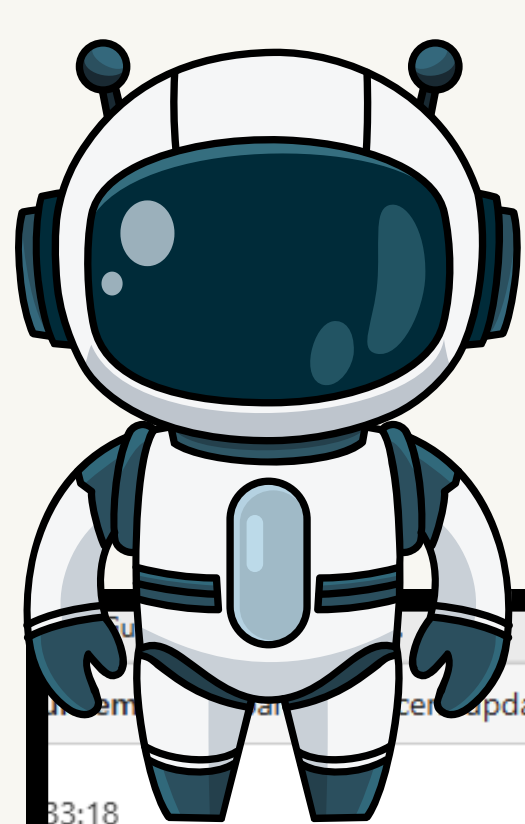
An introductory session on Data Structures and Algorithms (DSA) was conducted to help students build a strong foundation and approach the subject effectively.

The session included a revision of the first module of the syllabus and explained core concepts essential for understanding problem-solving techniques.

Students were guided on how to study DSA systematically, along with recommendations of useful resources and online platforms for coding practice. The session aimed to develop logical thinking, improve problem-solving skills, and help students adopt consistent practice habits for technical proficiency.



SPOTLIGHT ON AI:GUEST INSIGHTS (GUEST SESSION ON AI)

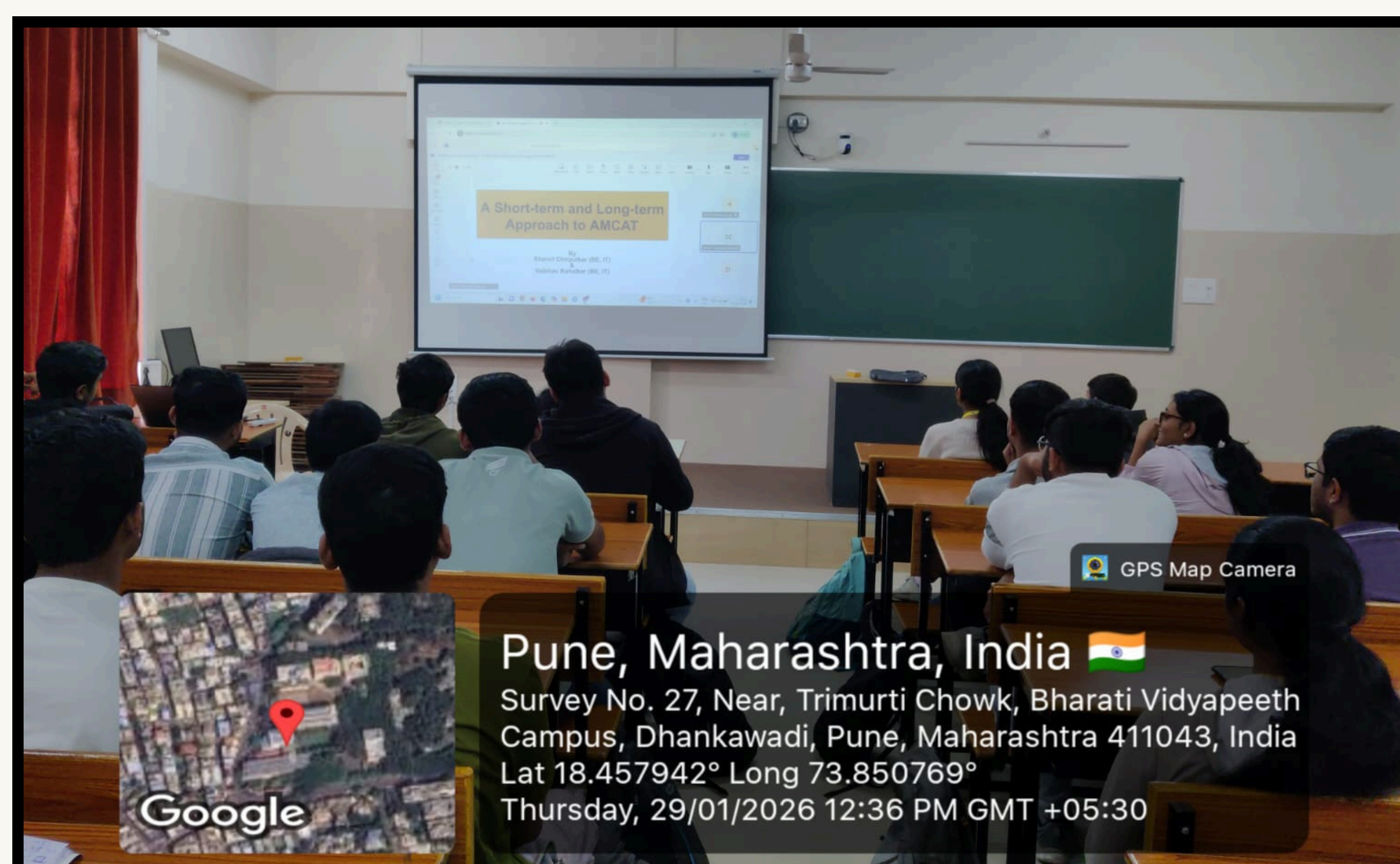


An online session was conducted to introduce students to the fundamentals of Artificial Intelligence and the role of data structures in AI algorithms. The session included a revision of the initial syllabus module and explained how core AI concepts are applied in solving real-world problems.

Through practical examples and real-time scenarios, students gained clarity on the relevance of AI techniques and their implementation in intelligent systems. The session also provided preparatory guidance for the upcoming in-semester examination, helping students strengthen conceptual understanding and readiness.



A SHORT TERM AND LONG TERM APPROACH TO AMCAT



A guidance session was conducted by senior BE IT students to familiarize participants with the structure and pattern of the AMCAT examination. The session explained the key sections that significantly influence scoring and highlighted the competencies assessed during the test.

Students were provided with both short-term and long-term preparation strategies. The discussion covered immediate preparation approaches for SY students, as well as a continuous skill development roadmap for TY students, emphasizing aptitude building, communication skills, and technical proficiency beyond exam-focused preparation.



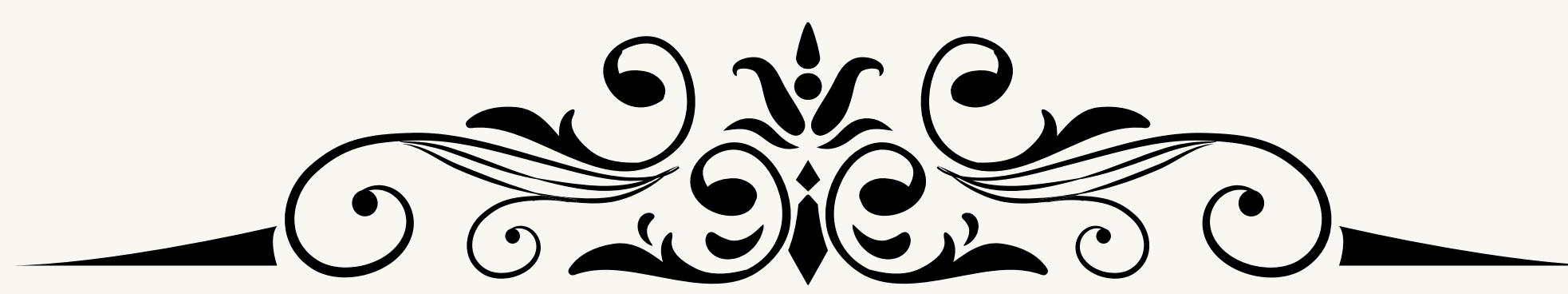
GUEST LECTURE ON HYPOTHESIS TESTING IN STATISTICS



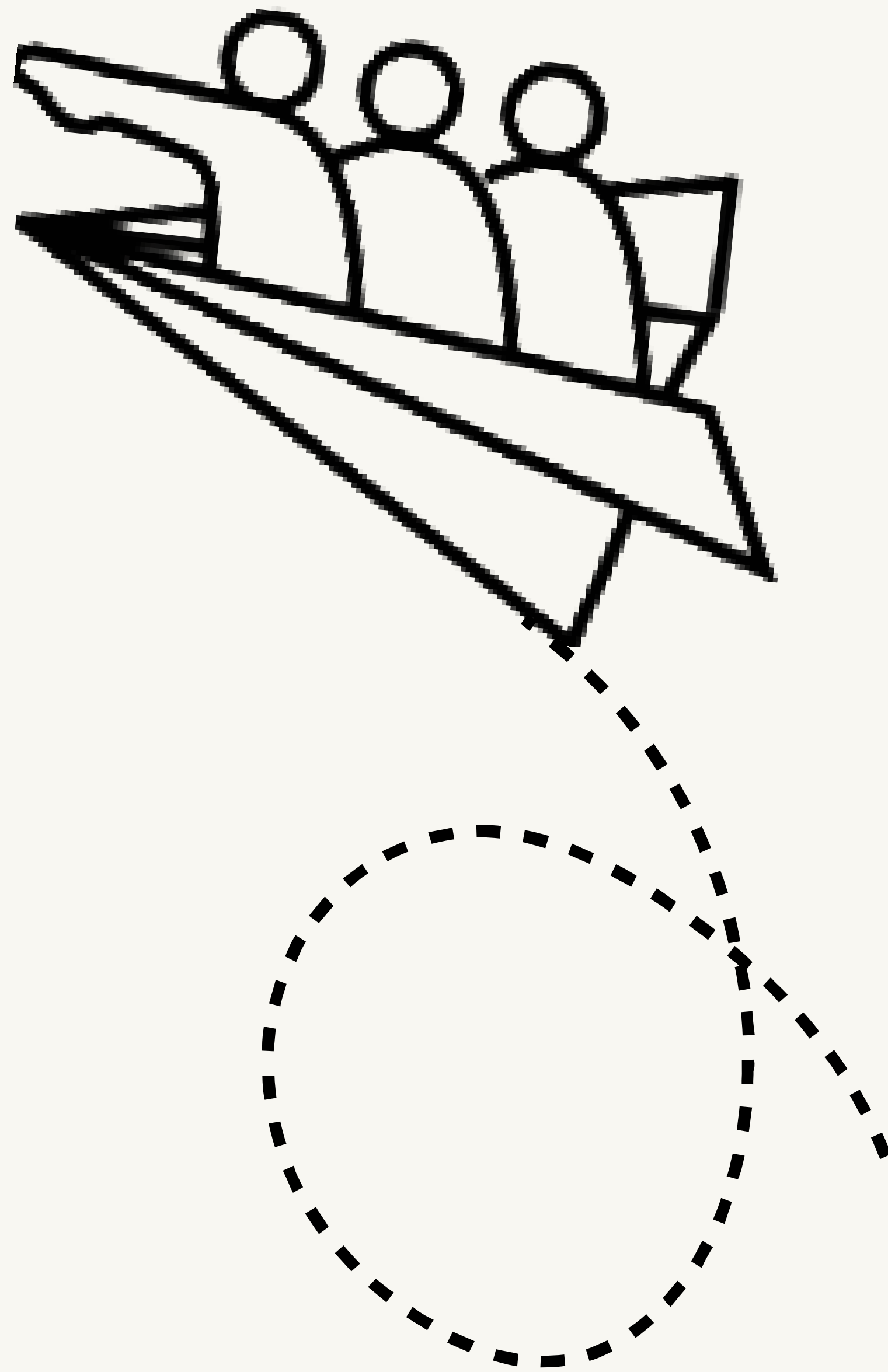
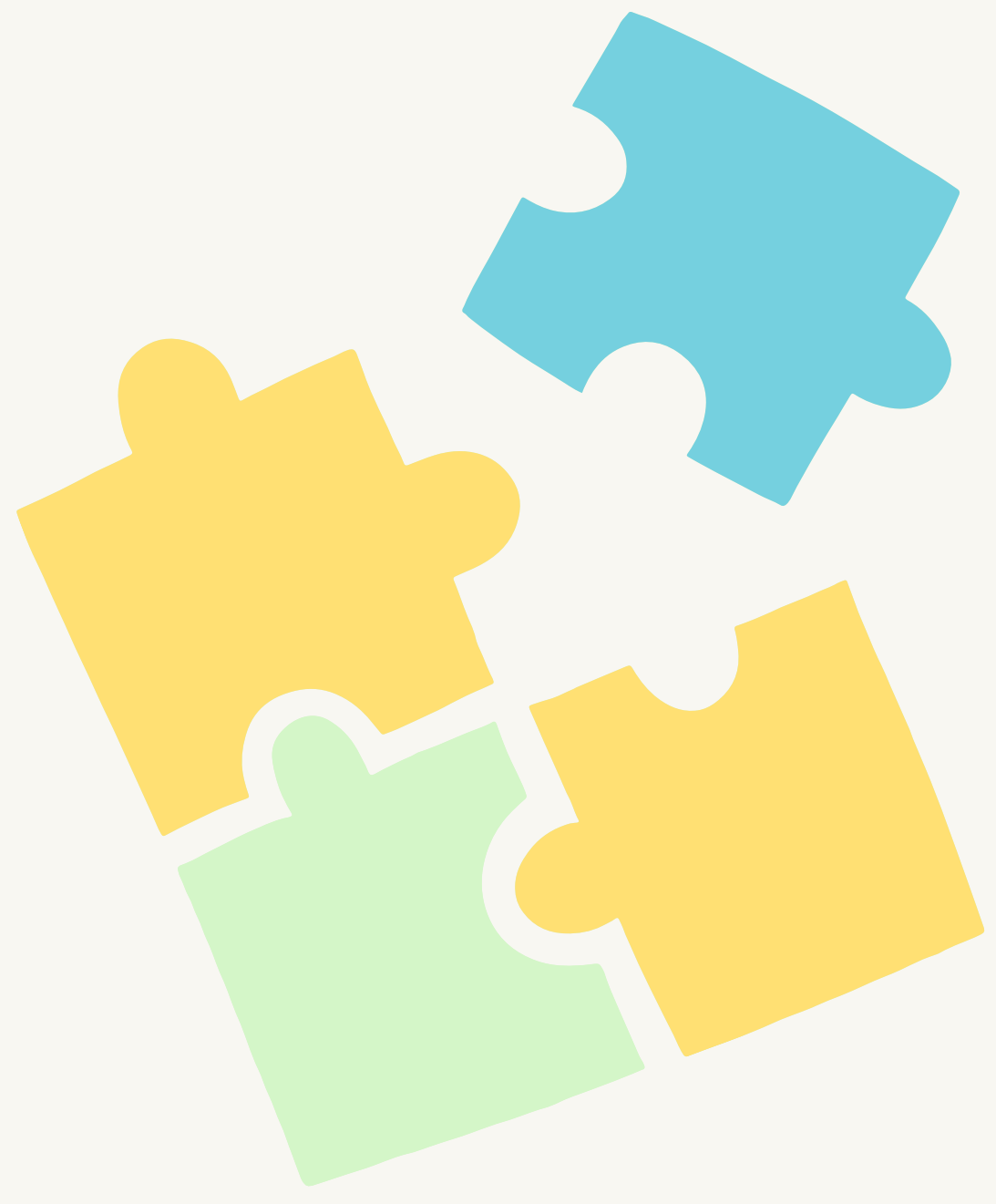
A technical session was conducted by Mr. Tanvesh Mandrekar from Pune Institute of Computer Technology focusing on important statistical concepts used in Data Science. The session covered Hypothesis Testing, Chi-Square Tests, and t-tests, explaining their theoretical foundations and practical significance in data analysis.

Participants from TE gained clarity on how these statistical methods are applied to validate assumptions, analyze datasets, and make data-driven decisions. The session strengthened students' understanding of inferential statistics and its role in real-world Data Science applications.



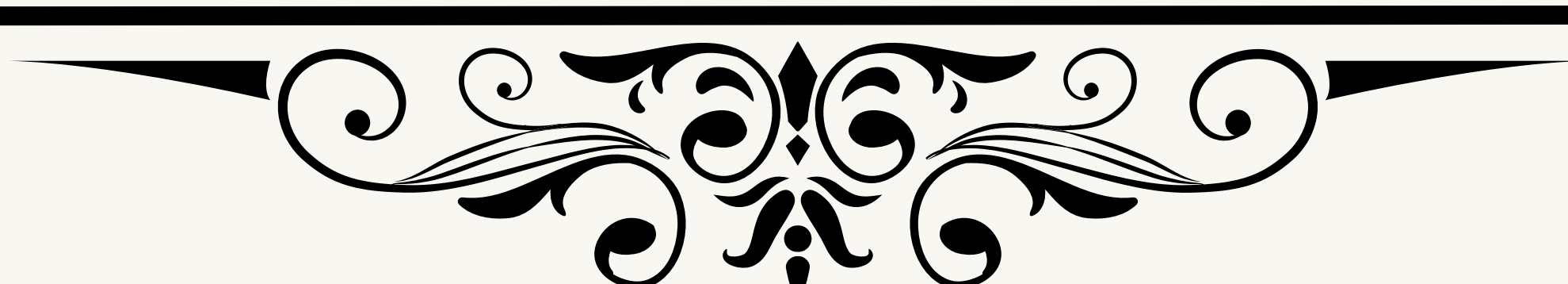


LEADERSHIP IN TECHNOLOGY TRANSFORMATION: CAREER AND LEADERSHIP INSIGHTS



A session on Leadership in Technology Transformation was conducted by Mahesh Bhatt, Senior Technical Manager at Atmus Filtration Technologies. The session provided valuable insights into career growth, leadership responsibilities, and the evolving role of technology in driving organizational transformation.

Participants gained an understanding of how technical expertise, decision-making, adaptability, and effective leadership contribute to professional success. The discussion also highlighted industry expectations, career progression strategies, and the importance of continuous learning for future technology leaders.



STUDENT ACHIEVEMENTS

HACKATHONS

TECHFiesta INTERNATIONAL HACKATHON (PICT)

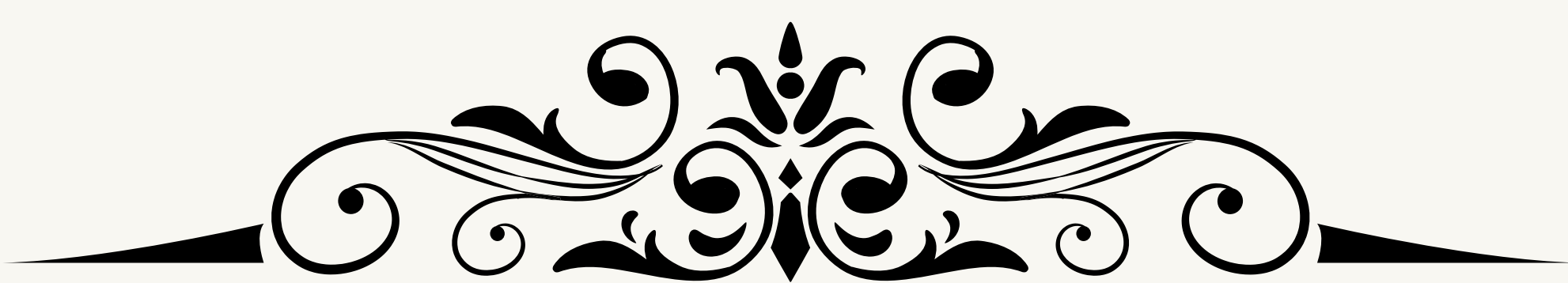


Suhani Ravindra Bighane, as a Team Member of Team Vajra-Dominators, secured Rank 2 / Winner position at the TechFiesta International Hackathon for the problem statement FD002 – Fraud Detection & Risk Management System in the FinTech domain. The team designed an advanced hybrid solution integrating Agentic AI, Machine Learning, and Graph Neural Networks (GNNs) to enable real-time fraud detection and prevention. This achievement highlights her strong technical skills and ability to contribute to high-impact AI-driven solutions.



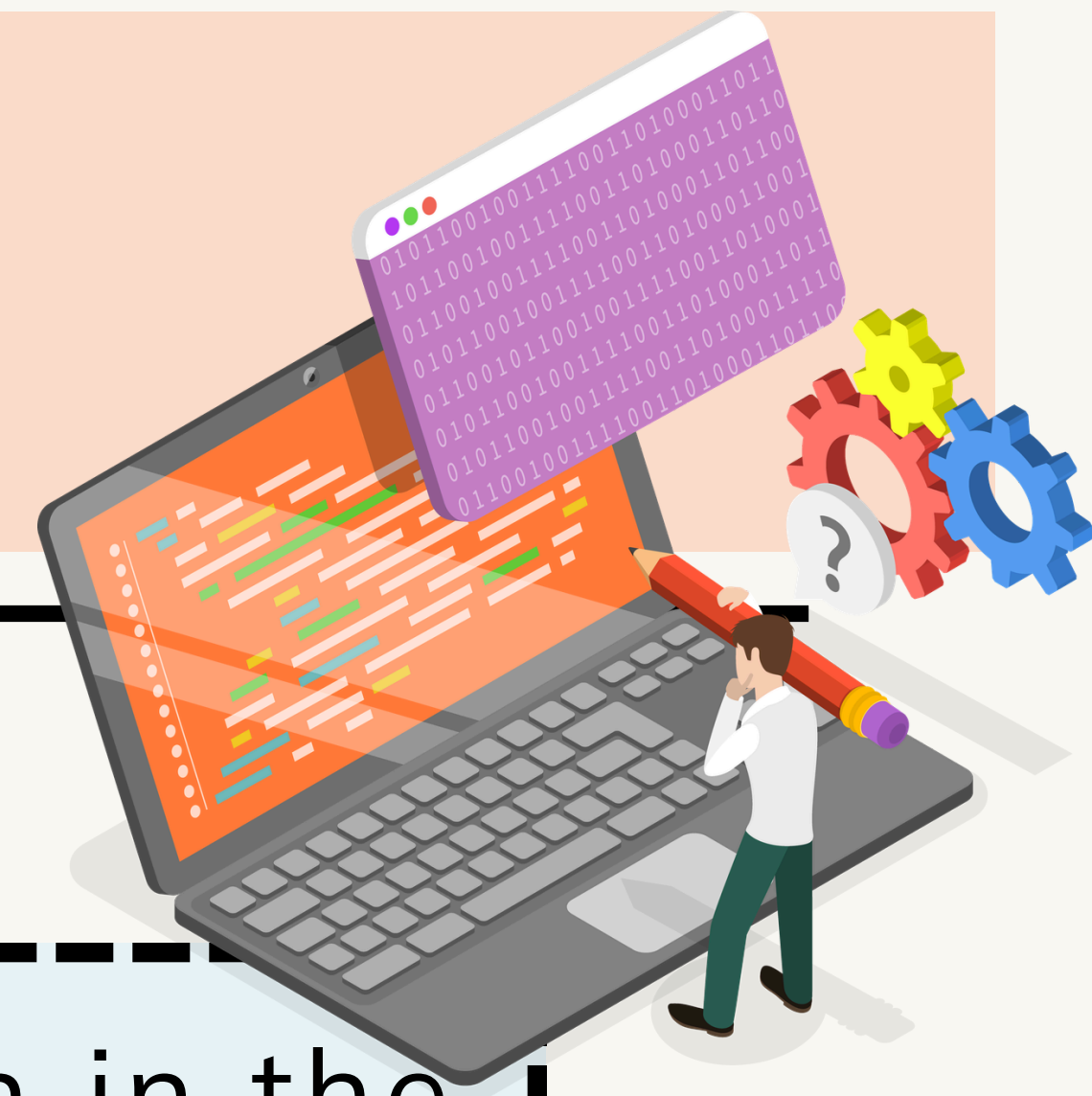
Suhani Ravindra Bighane

Suhani Ravindra Bighane actively participated in multiple hackathons in 2025, including Code The Cause, Internal Smart India Hackathon (SIH), and Hack O Hire INC IMPETUS, Adobe India Hackathon and also Selected for first round in Girls Wanna Code. Through these competitions, she demonstrated strong problem-solving abilities, teamwork, and innovation by developing AI and ML-based solutions under strict time constraints. Her participation in both national-level and institutional hackathons reflects her technical proficiency, commitment to continuous learning, and enthusiasm for applying technology to real-world challenges.



STUDENT ACHIEVEMENTS

HACKATHONS



Harshita Mahakalkar secured the 2nd Runner-Up position in the Code for Change 2.0 Hackathon (Mastercard Hackathon). She actively contributed to project development and implementation, demonstrating strong technical skills, innovation, and teamwork. Her achievement highlights her ability to perform effectively in a competitive and dynamic technical environment.

Harshita Mahakalkar

Atharva Suhas Lole secured 3rd place in PVG's Think.Prompt.Build Hackathon. His achievement demonstrates strong problem-solving skills, creativity, and the ability to develop innovative solutions within a competitive and time-bound technical environment.



Atharva Suhas Lole



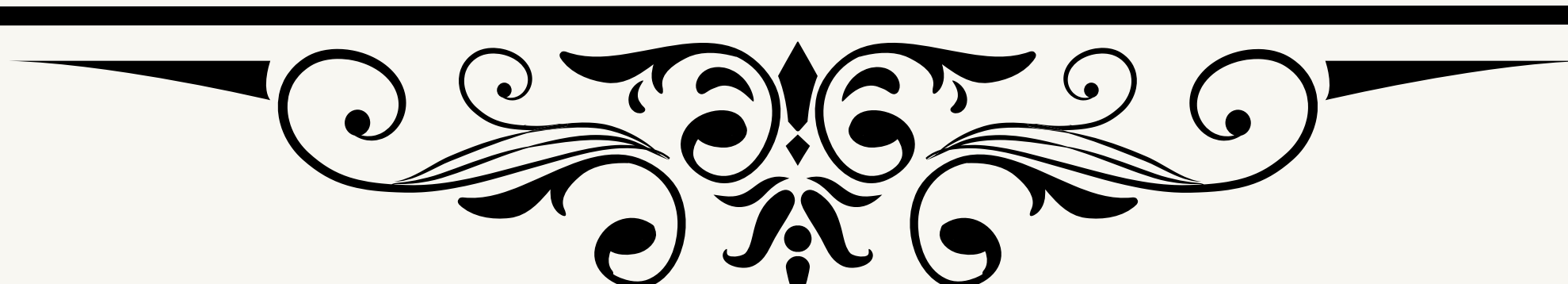
Vivek Rajendra Bhalke participated in the TechFiesta Hackathon 2026 and successfully qualified for the finalist round among approximately 700 competing teams, with only 65 teams selected as finalists. He also secured the position of 2nd Runner-Up in the Web Protoplot Hackathon, showcasing strong technical competence and competitive performance.

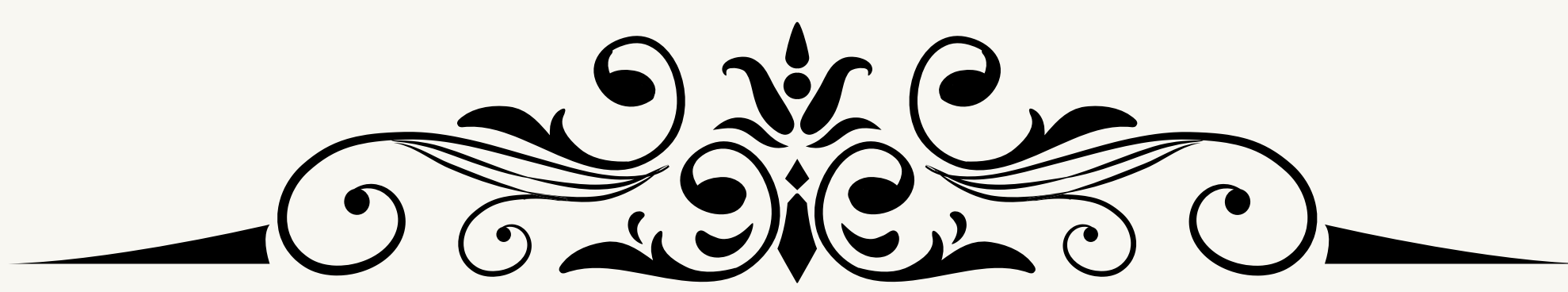
Vivek Rajendra Bhalke

Dev Gupta participated in the Mastercard Code for Change hackathon at the district level as a team member, contributing to collaborative problem-solving and solution development in a competitive technical setting.



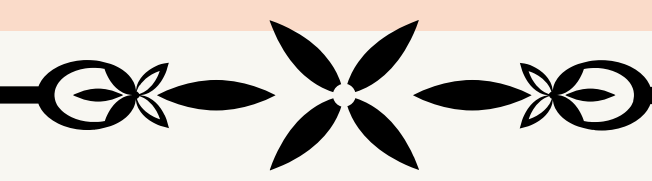
Dev Gupta





STUDENT ACHIEVEMENTS

HACKATHONS



Aryan Mahesh Kothawade secured 3rd place in the Alcista Hackathon organized by the PICT Finance Society (PFISOC), serving as the Team Lead. He demonstrated strong leadership, technical skills, and effective teamwork in a competitive problem-solving environment.



Aryan Mahesh Kothawade



Kavya Mahamine

Kavya Mahamine secured Third Prize in the hackathon organized by the PICT Finance Society (PFISOC), participating as a Team Member. Her contribution reflects collaborative problem-solving, technical competence, and active involvement in a competitive hackathon setting.

Mandlik Onkar Dilipwon 1st Prize in a National-level Project Competition at Amrutvahini Polytechnic, receiving a cash prize and trophy for exceptional project performance. Additionally, he participated in multiple project competitions, earning recognition as a Runner-Up, showcasing innovation and technical expertise.



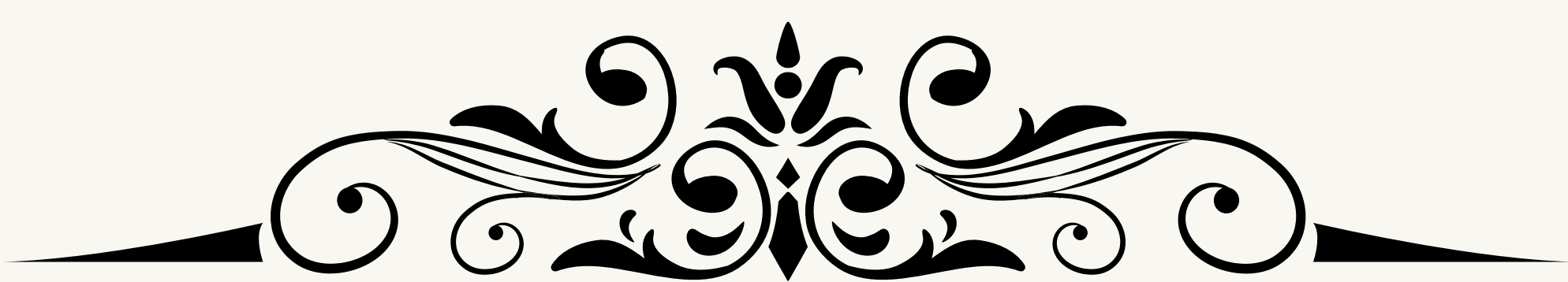
Mandlik Onkar Dilip



Riddhi Gopalani

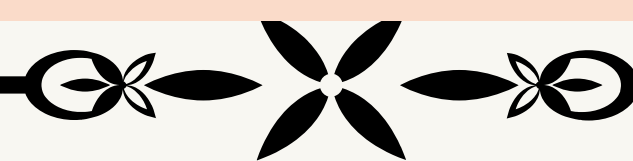
Riddhi Gopalani advanced to the second round of Smart India Hackathon (SIH) at the college level and qualified for Round 2 of Samadhan 2.0 Hackathon, demonstrating strong problem-solving skills and effective teamwork in competitive technical environments.





STUDENT ACHIEVEMENTS

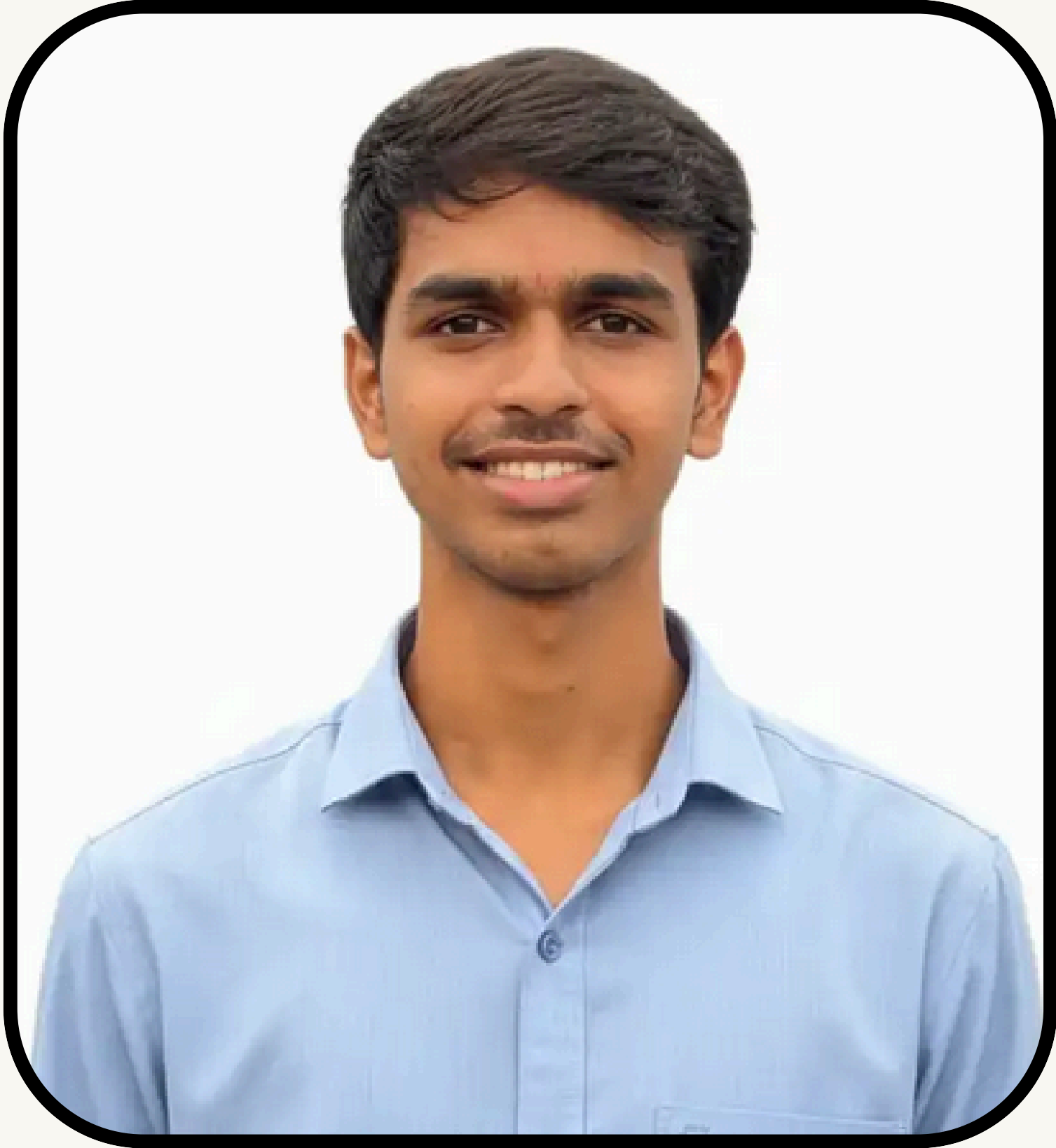
HACKATHONS



Aayush Aade was selected for the final round of the TechRush Hackathon conducted by the PICT IEEE Student Branch. As a team member, he contributed to the project LinguaQuest – Mookie, demonstrating strong problem-solving skills, teamwork, and technical competence in a competitive hackathon environment.

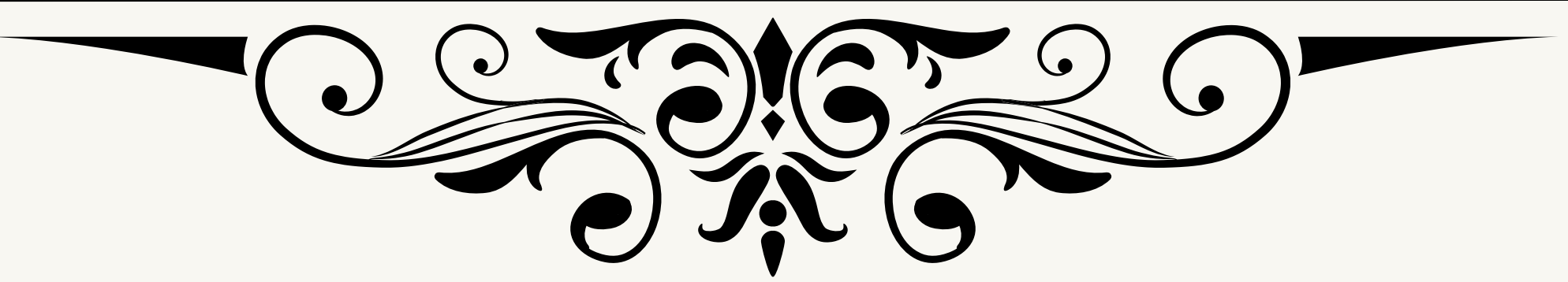
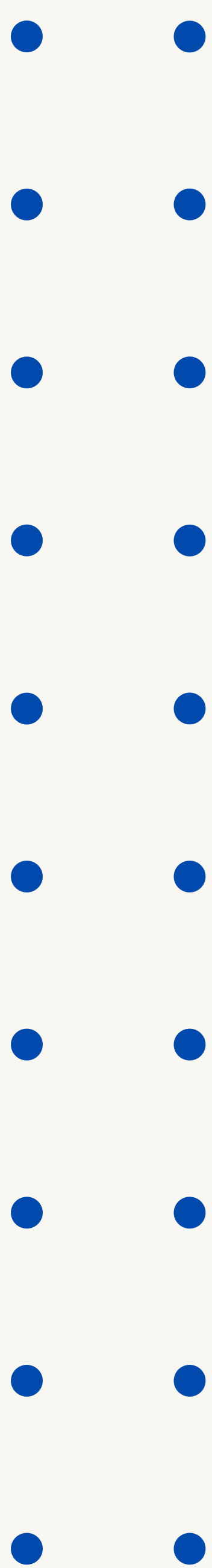


Aayush Aade



Shravan Khandagale secured Winner position in DataQuest, an AI-ML challenge organized by ACM PICT. The competition involved training different machine learning models, with top-performing models displayed on a real-time leaderboard. His achievement reflects strong analytical skills and practical expertise in machine learning.

Shravan Khandagale



STUDENT ACHIEVEMENTS

CERTIFICATIONS



Puneet Kaur

Puneet Kaur successfully completed the Online Certification in Python for Data Science (Jan–Feb 2025) offered by IIT Madras, securing an outstanding score. She achieved the prestigious Elite – Top 5% Topper distinction marking her performance as a significant national-level academic excellence achievement. This accomplishment reflects exceptional analytical ability, academic dedication, and strong mastery of Python programming and data science fundamentals at a competitive national platform.

Kanade Pavan Shrikrushna completed multiple professional certifications, including Python 101 for Data Science (IBM Cognitive Class), Business Analytics with Excel (Simplilearn), and Master Data Management for Beginners (TCS iON). These courses strengthened his foundation in Python programming, data analysis, and data management, enhancing his technical and analytical skills in data-driven applications.



Kanade Pavan Shrikrushna



Dev Gupta

Dev Gupta also completed an international-level AWS Cloud certification, enhancing his knowledge of cloud computing concepts and strengthening his technical expertise in cloud-based technologies.

Jainam Dhiraaj Dudhediya completed a Machine Learning certification and attended many workshops for ML and Agentic, GenAI, strengthening his understanding of core ML concepts and enhancing his technical knowledge in data-driven and intelligent systems.

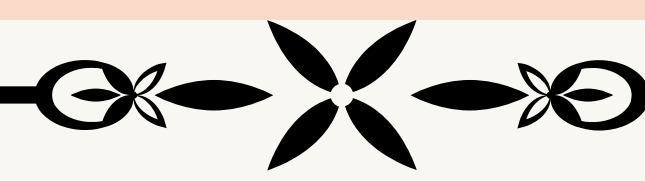


Jainam Dhiraaj Dudhediya



STUDENT ACHIEVEMENTS

CERTIFICATIONS



Mandlik Onkar Dilip

Mandlik Onkar Dilip successfully achieved the JLPT N5 Certification, demonstrating foundational proficiency in the Japanese language at the international level.



Riya Satish Sonawane

Riya Satish Sonawane completed the Supervised Machine Learning course on Coursera, strengthening her understanding of core machine learning concepts and data-driven model development.



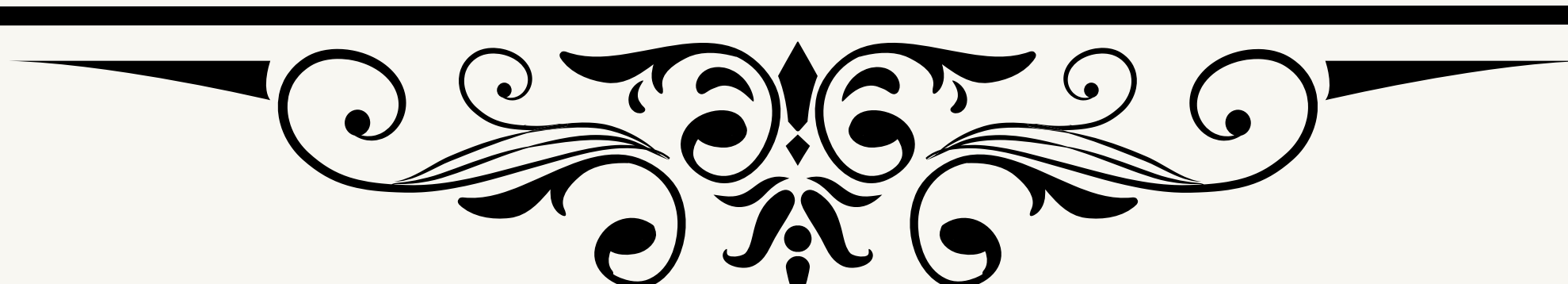
Arshiya Arif Sayyed

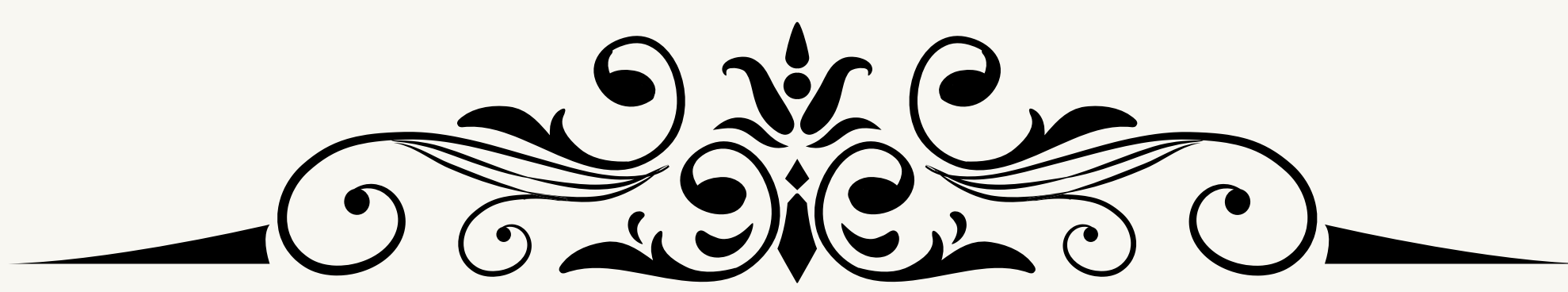
Arshiya Arif Sayyed participated in the AI-ML with AWS workshop organized by the AWS Cloud Club at PICT. Through this program, she gained exposure to building and deploying machine learning solutions using AWS tools. This achievement reflects her interest in artificial intelligence and cloud-based machine learning technologies.



Shravan Khandagale

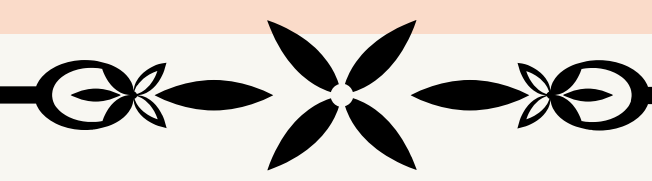
Shravan Khandagale completed the Andrew Ng Machine Learning Specialization offered by Stanford Online on Coursera at the international level. This certification strengthened his foundational knowledge of machine learning concepts and model development.





STUDENT ACHIEVEMENTS

CERTIFICATIONS



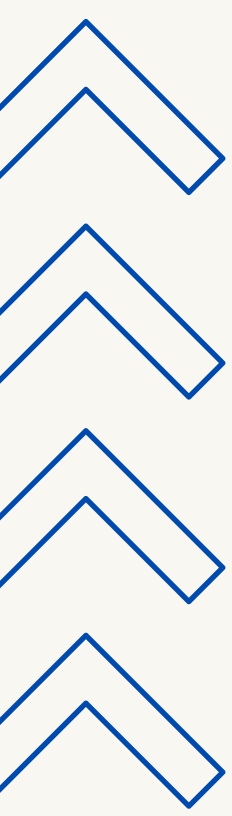
Suhani Ravindra Bighane

Suhani Ravindra Bighane completed certification programs from Microsoft (International Level) and TATA (National Level). These certifications strengthened her technical knowledge and professional competencies, reflecting her commitment to continuous skill development and industry-relevant learning.

Abhishek Shrikrishna Gore completed a Full Stack Developer Certification through the 100x Cohort at the international level. This certification strengthened his skills in frontend and backend development, showcasing his proficiency in building complete web applications and modern software solutions.



Abhishek Shrikrishna Gore



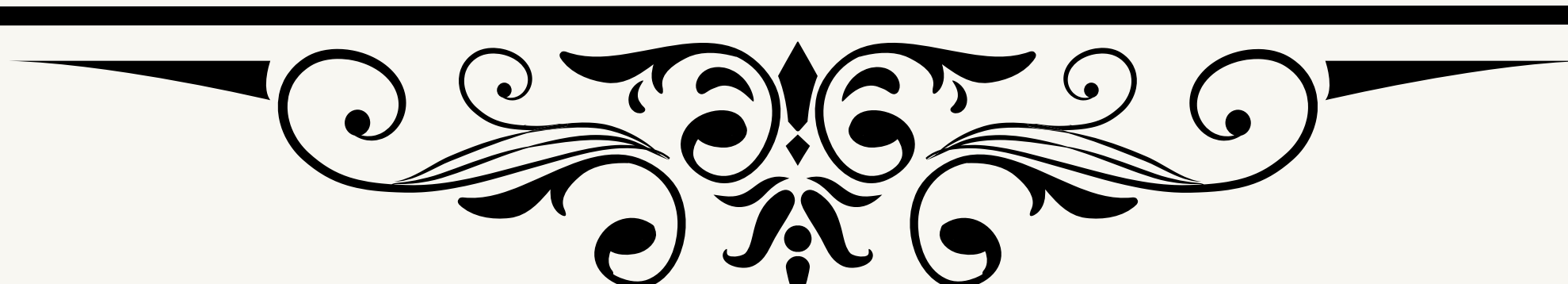
Nidhish Rajesh Jain

Nidhish Rajesh Jain completed the Deloitte Data Analytics Job Simulation at the national level. This certification provided him with practical exposure to real-world data analysis scenarios, strengthening his analytical thinking and problem-solving skills in a professional business context.

Parth Kulkarni successfully completed the Apna College DSA and Web Development Certification program. Through this certification, he strengthened his understanding of data structures, algorithms, and web development concepts, enhancing his technical proficiency and practical programming skills.



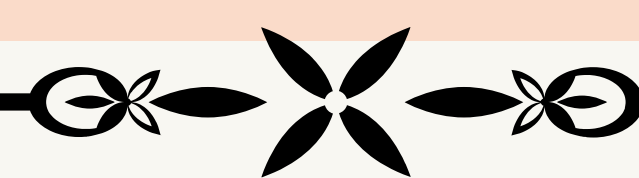
Parth Kulkarni





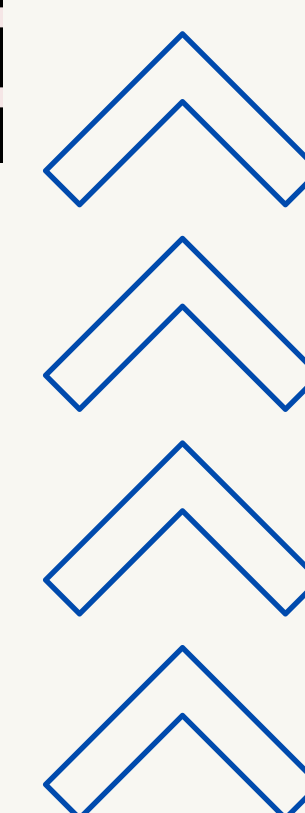
STUDENT ACHIEVEMENTS

CERTIFICATIONS



Shirin Bobdey

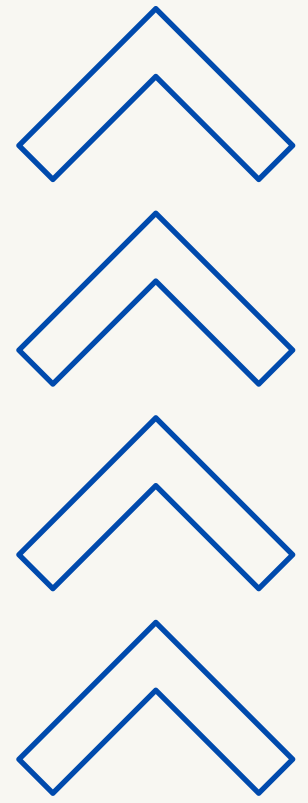
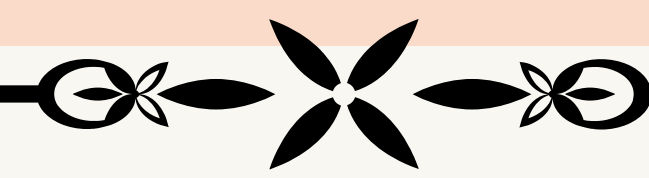
Shirin Bobdey has completed the *Fundamentals of Cybersecurity* certification by Google and is currently pursuing the Certified Ethical Hacker (CEH) certification by EC-Council, a globally recognized cybersecurity credential. These certifications reflect her dedication to advancing her technical expertise and maintaining industry-relevant knowledge in Information Security.





STUDENT ACHIEVEMENTS

PROJECT



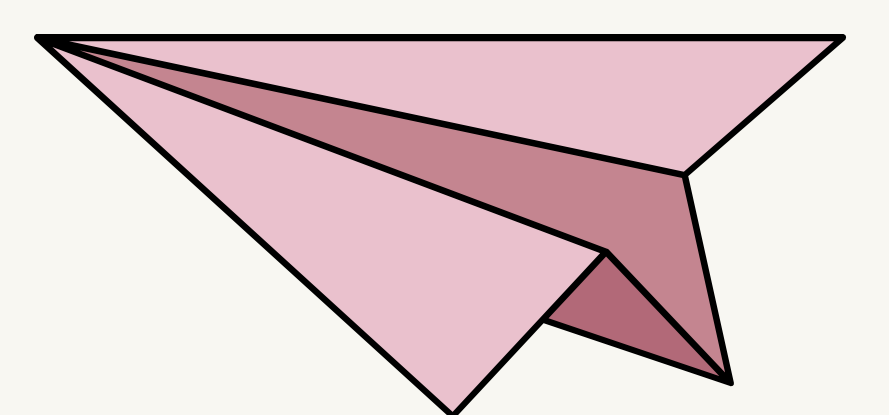
Sanskriti Sunil Gupta

Sanskriti Sunil Gupta contributed as a top open-source contributor at talkheal under GSSOC program and developed a project LingoQuest, an interactive language learning platform designed to make vocabulary building engaging and effective. Her contribution reflects strong development skills, collaborative work in an open-source environment, and dedication toward building impactful educational technology solutions.

Jainam Dhiraaj Dudhediya led the development of EduPro, an education platform under the CEP project. The platform allows students to upload and share notes, access quizzes, manage tasks, and view performance analytics, while providing complete analysis to administrators. Also creating videos to upload in it, which is useful for the students. Currently in the development stage, the project demonstrates his leadership skills and ability to build scalable educational solutions.

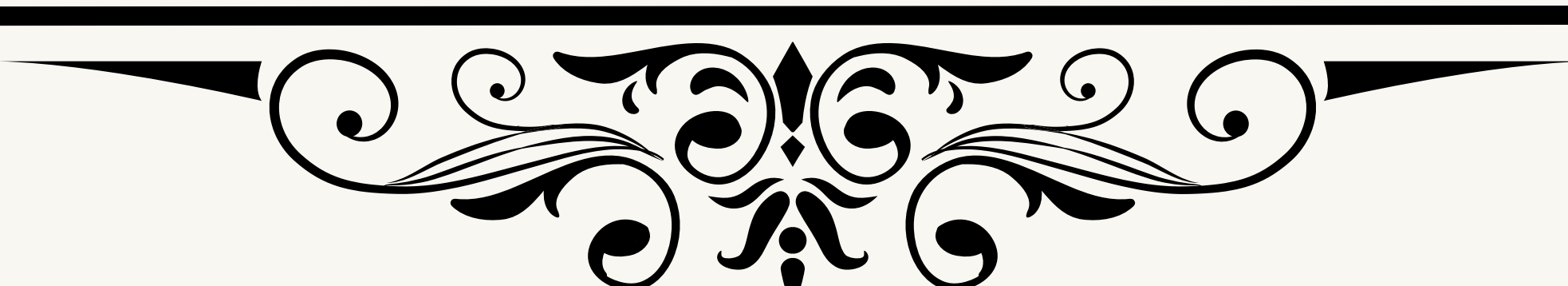


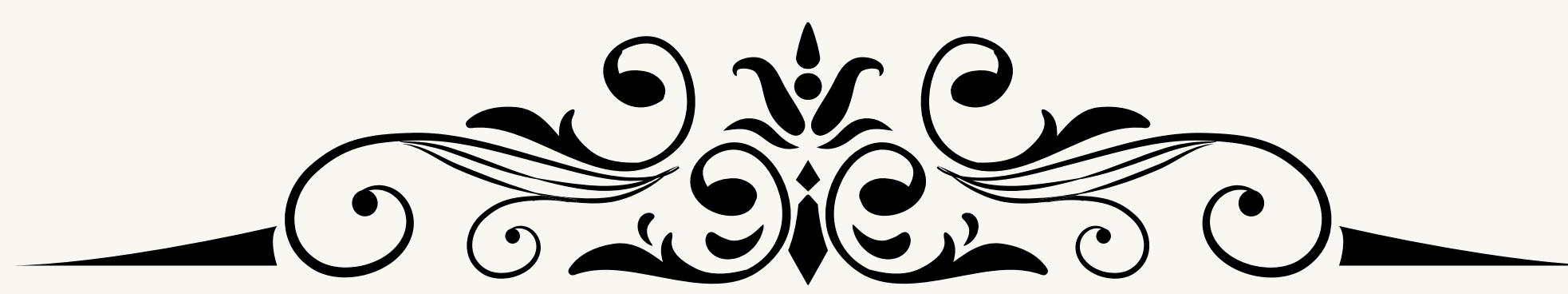
Jainam Dhiraaj Dudhediya



Aayush Kamlesh Chhajed

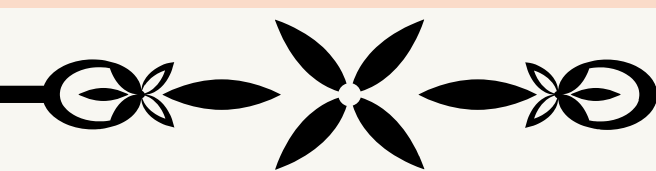
Aayush Kamlesh Chhajed developed a personal project titled N_Shortner, a functional URL shortener application hosted on the Render platform. This project demonstrates his practical knowledge of web development, backend functionality, and deployment processes. By creating and hosting the application independently, he showcased initiative, technical skills, and hands-on experience in building real-world web solutions.





STUDENT ACHIEVEMENTS

WORKSHOPS / TRAINING PROGRAMS



Apchunde Vaishnavi Rajendra participated in a structured training program aimed at enhancing technical knowledge and practical skills. Through this training, she gained exposure to hands-on learning experiences, strengthening her understanding of core concepts and improving her professional competency.

Apchunde Vaishnavi Rajendra

Pavan Shrikrushna Kanade participated in the AWS Cloud Learning Challenge organized by the AWS Cloud Club at PICT. This structured training program provided him with exposure to fundamental cloud computing concepts and practical knowledge of AWS services. The initiative strengthened his understanding of modern cloud technologies and encouraged skill development in emerging computing platforms.



Pavan Shrikrushna Kanade



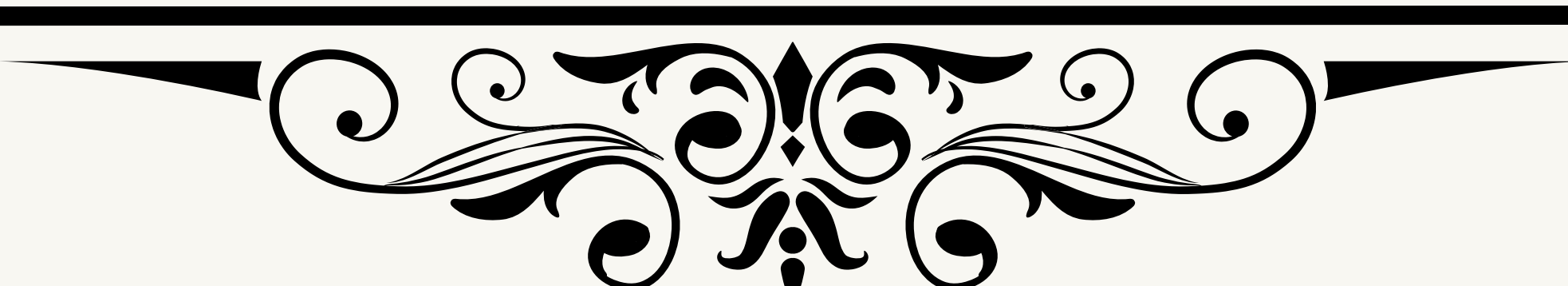
Anushtubh Ghasing attended a National-level Artificial Intelligence Workshop held at IIT Bombay in collaboration with HCL. The workshop provided insights into core AI concepts and offered exposure to industry tools such as n8n. This experience enhanced his understanding of practical AI applications and emerging industry technologies.

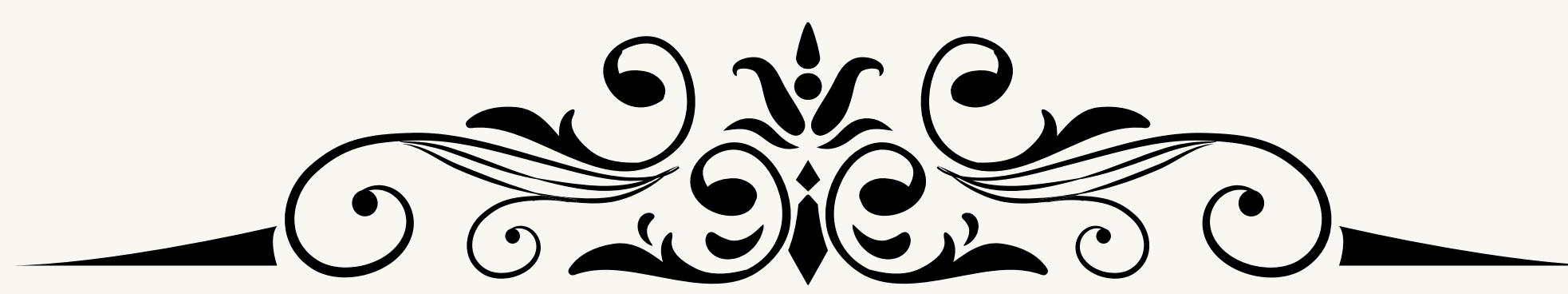
Anushtubh Ghasing

Madhavi Ashish Pant participated in a district-level Gen AI Bootcamp organized by ThinkHumble, where she gained exposure to generative AI concepts and emerging technologies, expanding her knowledge in modern AI applications.



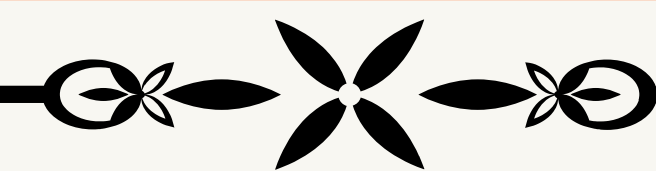
Madhavi Ashish Pant





STUDENT ACHIEVEMENTS

WORKSHOPS / TRAINING PROGRAMS



Mandlik Onkar Dilip

Mandlik Onkar Dilip attended a National-level Cloud Computing Workshop at IIT Bombay, gaining exposure to advanced cloud technologies and industry-level applications.



Sudhan Nanasaheb Dabhade

Sudhan Nanasaheb Dabhade attended several prestigious workshops and conferences, including Python for Data Science (IIT Hyderabad), AI Workshop (IIT Bombay), and the 13th ACM-iKDD Conference of Data Science (IISER Pune). These experiences strengthened his knowledge in AI, data science, and emerging technologies.



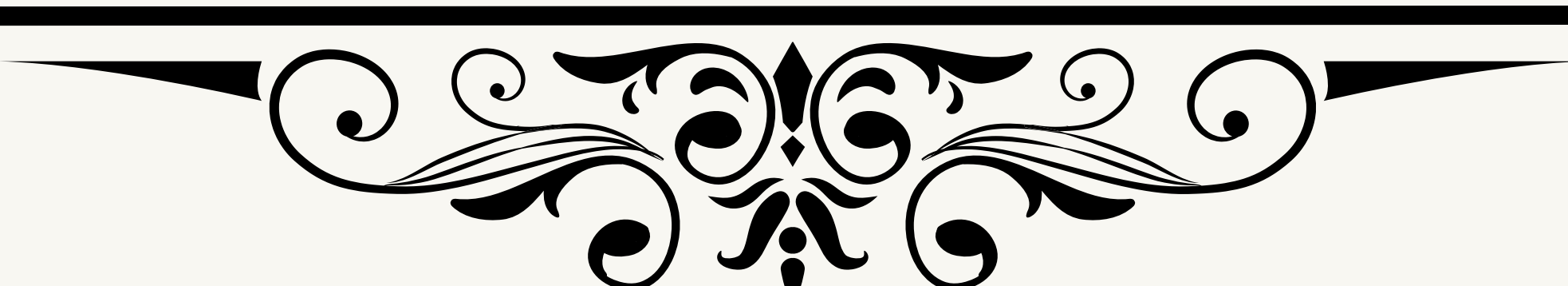
Sreelakshmi Nair

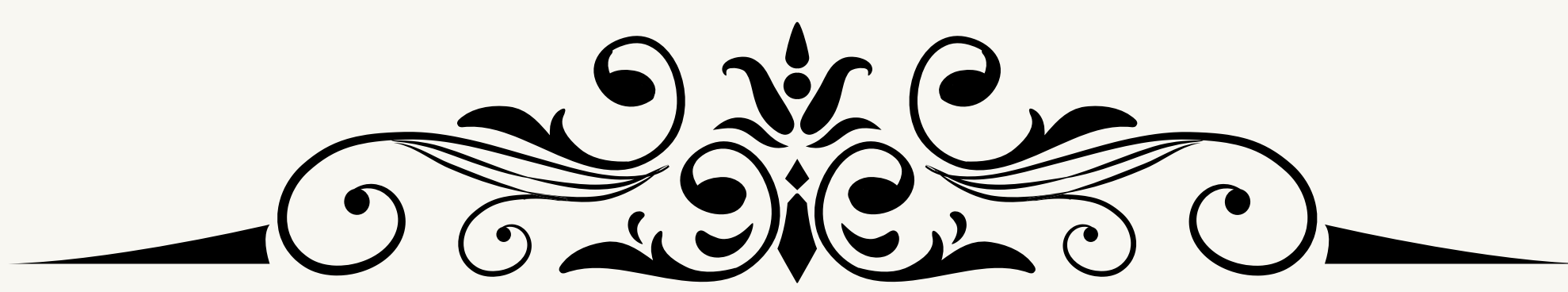
Sreelakshmi Nair participated in the Gen AI Bootcamp organized by ThinkHumble, gaining exposure to generative AI concepts and practical applications in emerging technologies.



Sakshi Prashant Kulkarni

Sakshi Prashant Kulkarni was selected for the Amazon ML Summer School '25 through a highly competitive national-level screening process conducted by Amazon. This selection reflects her strong foundation in machine learning concepts and her capability to compete at a national level among talented candidates.





STUDENT ACHIEVEMENTS

WORKSHOPS / TRAINING PROGRAMS



Riya Satish Sonawane

Riya Satish Sonawane participated in a Power BI Workshop conducted by Office Master, enhancing her data visualization and business intelligence skills. Additionally, she attended the Leveraging Gen-AI for Software Development Bootcamp organized by ThinkHumble Creative Solutions Pvt. Ltd., gaining exposure to generative AI applications in software development.



Shravan Khandagale

Shravan Khandagal attended an AI Workshop conducted by IIT Bombay, where he gained in-depth exposure to advanced artificial intelligence concepts and practical industry-level applications. The workshop enhanced his understanding of real-world AI implementations, emerging trends, and problem-solving approaches used in modern AI-driven systems.



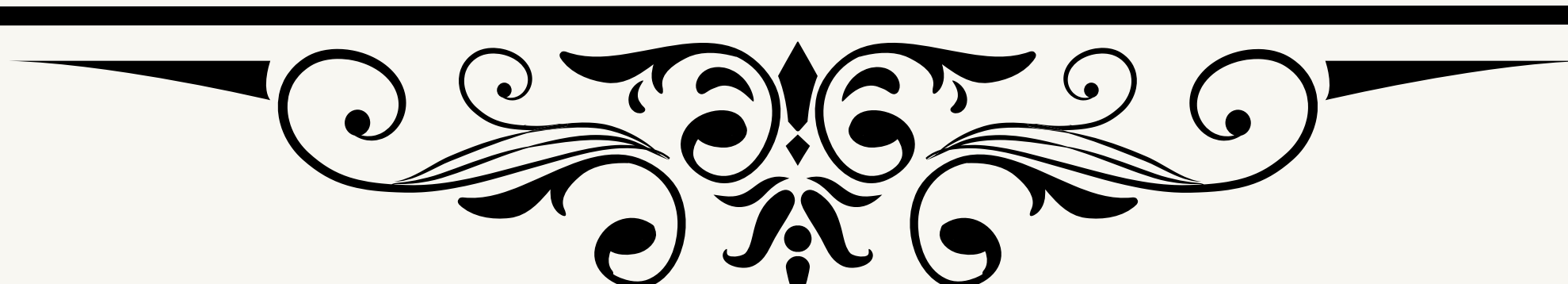
Abhishek Shrikrishna Gore

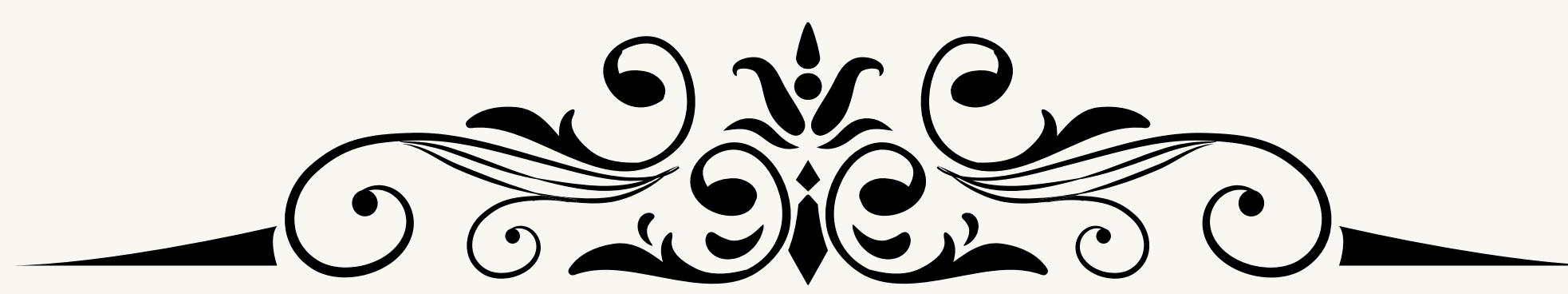
Abhishek Shrikrishna Gore attended an AI Workshop at IIT Bombay Techfest, recognized as Asia's largest technical festival. Through this international-level workshop, he gained exposure to advanced artificial intelligence concepts and real-world applications, enhancing his understanding of emerging AI technologies.



Pritam Parmeshwar Shelke

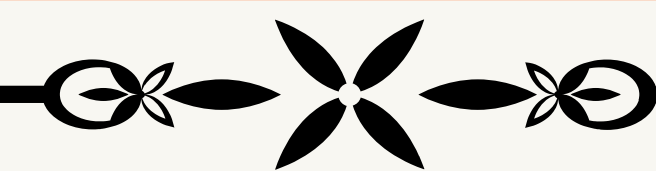
Pritam Parmeshwar Shelke completed a Data Science using Python workshop organized by IIT Hyderabad at the district level. This program enhanced his understanding of Python-based data analysis and strengthened his foundational knowledge in data science concepts.





STUDENT ACHIEVEMENTS

INTERNSHIPS (TE)



Utsavi Bagri

Company name : Siemens



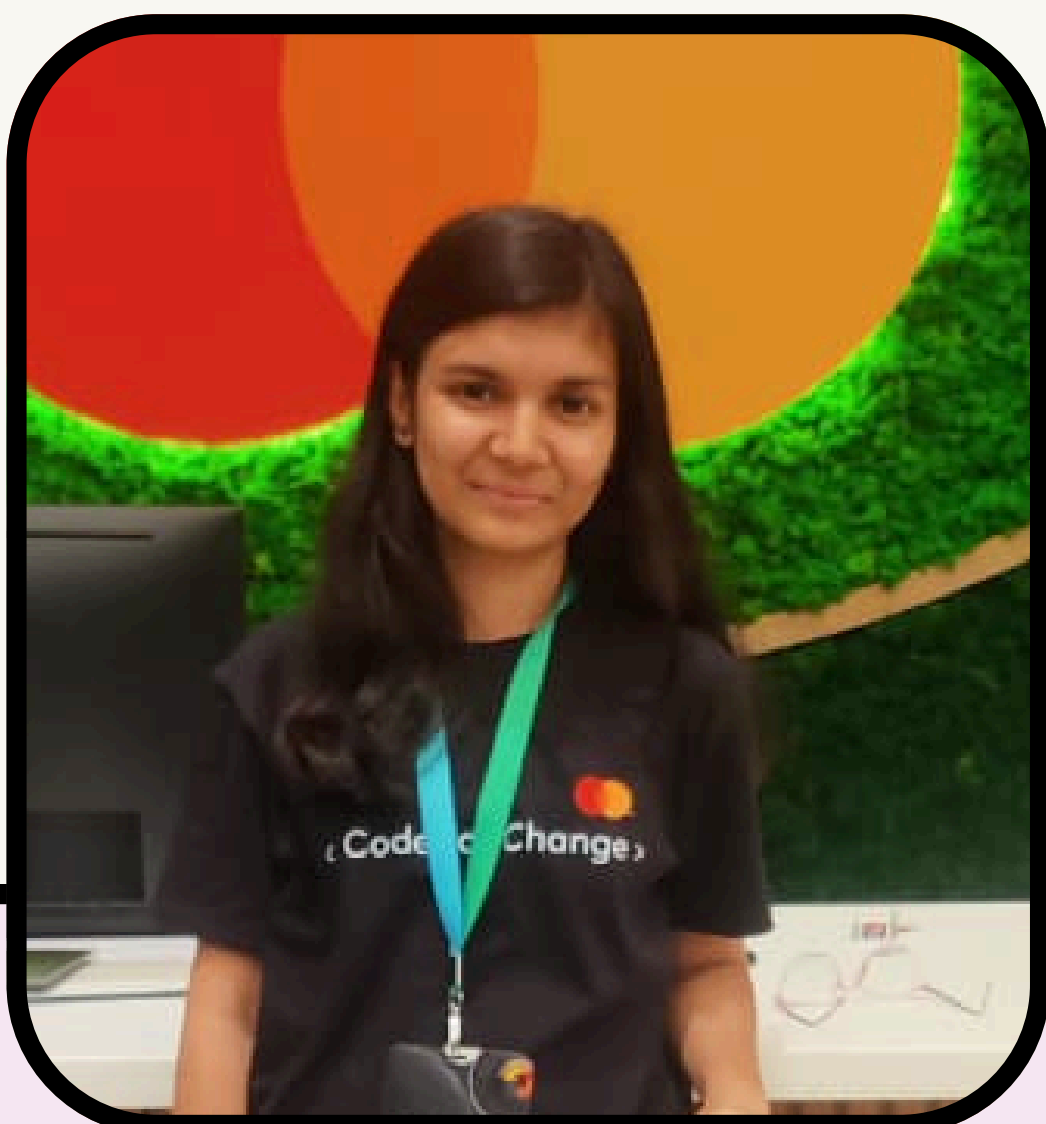
Bhumi Wayal

Company name : Barclays



Diya Aggarwal

Company name : Barclays



Sakshi Pawar

Company name : Mastercard



Harshita Mahakalkar

Company name : Mastercard



Siddesh Kadane

Company name : Mastercard



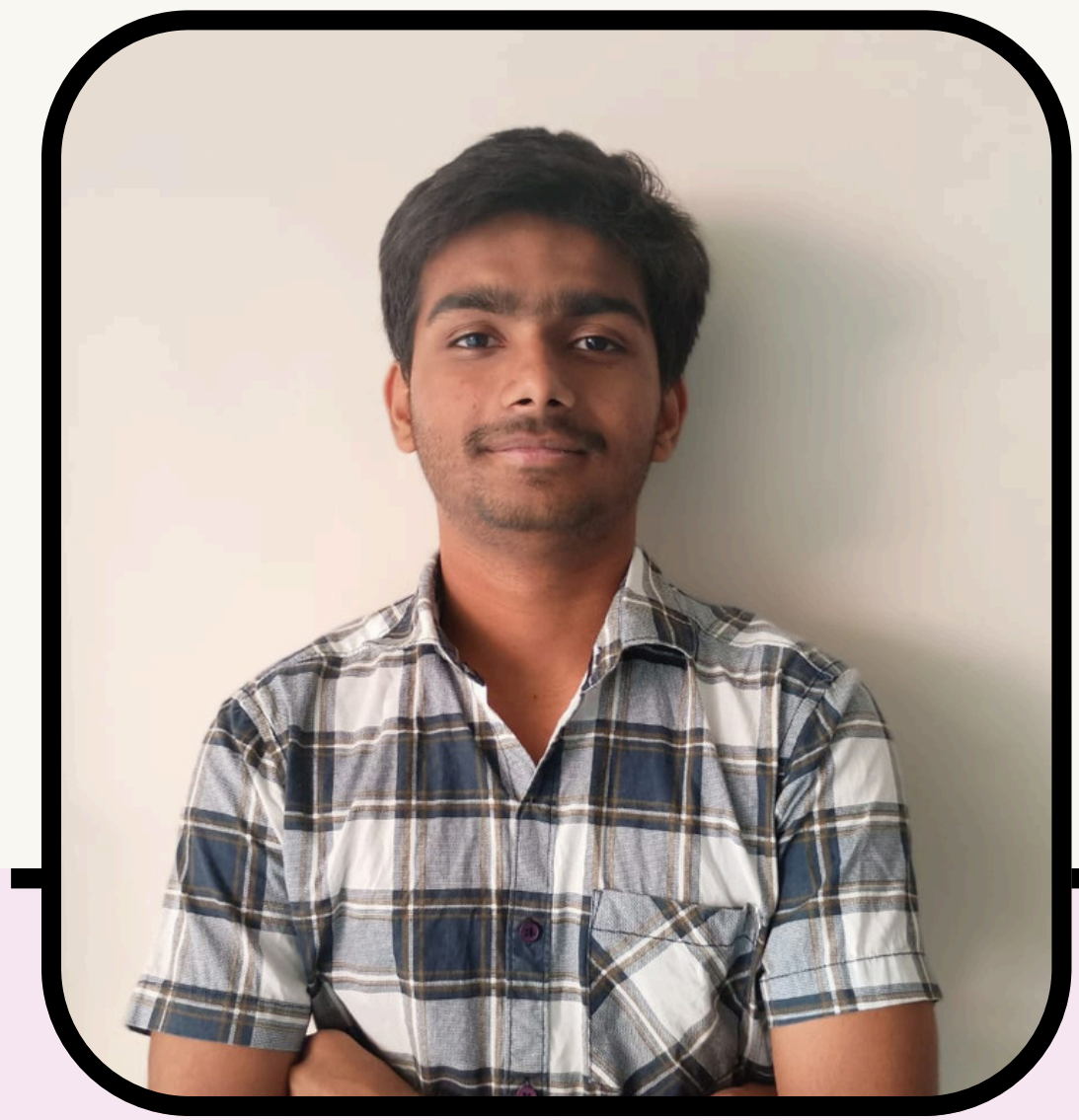
Prathamesh Wankhade

Company name : Mastercard



Urvi Rashinkar

Company name : Mastercard



Atharv Raut

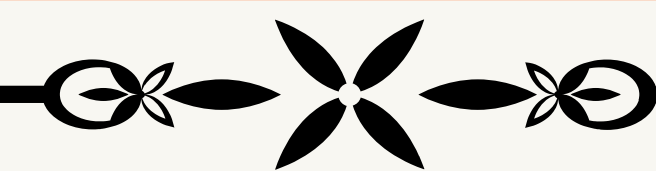
Company name : General Mills





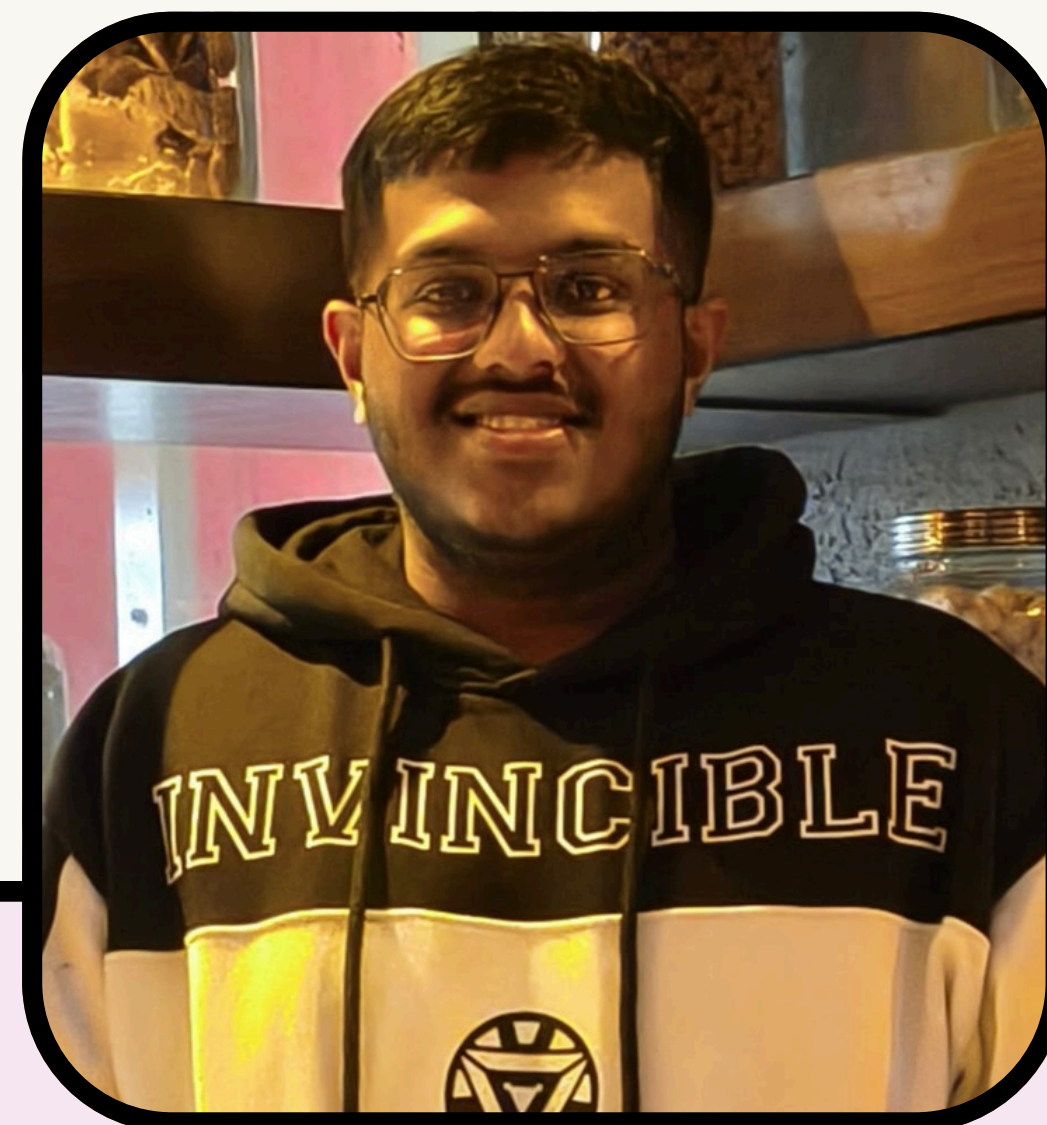
STUDENT ACHIEVEMENTS

INTERNSHIPS (TE)



Vivek Bhalke

Company name : Tenancy
Passport



Rudra Chintalwar

Company name : Tenancy
Passport



Abhishek Chaudhari

Company name : Tenancy
Passport



Shivpratap Mithapalli

Company name : Dell
Technologies



Pranav Kulkarni

Company name : Zidio
Development



Hardik Gujrathi

Company name: Froncort Inc.



Rohit Sanjay Jadhav

Company name : Ruthi AI



Piyush Kurwade

Company name : Ruthi AI



Prisha Birla

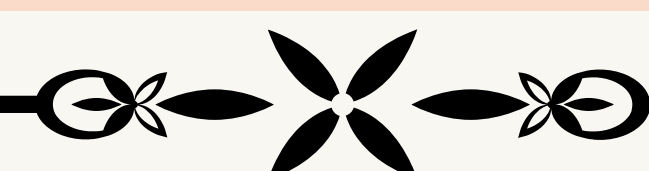
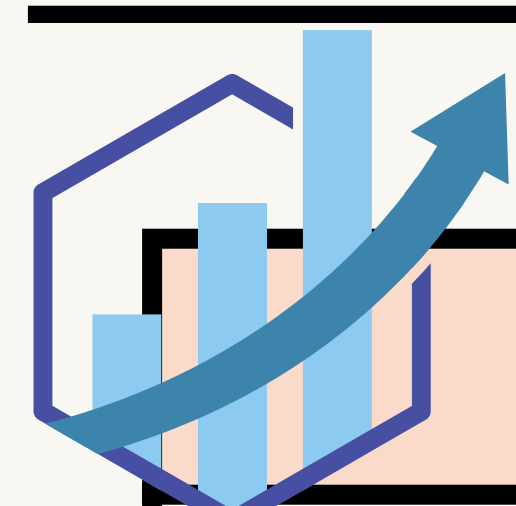
Company name : Spiro





STUDENT ACHIEVEMENTS

INTERNSHIPS (TE)



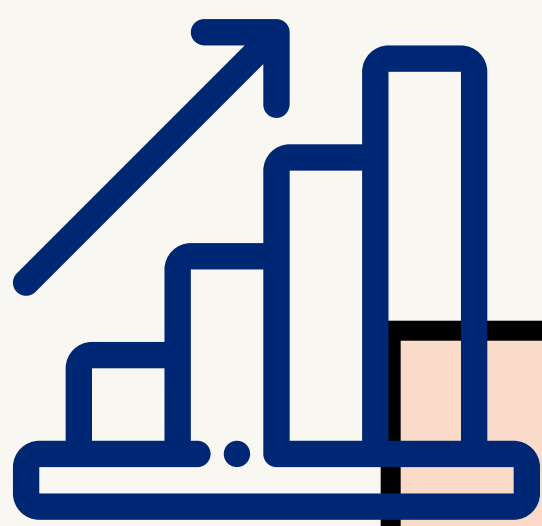
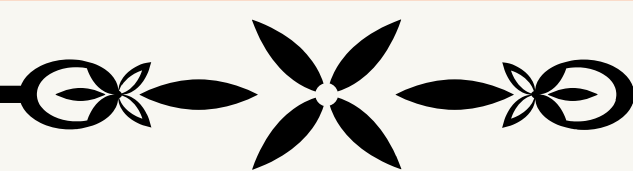
Students	Company Name
Nikita Bhedasgoankar	IIT Bombay, Spartis
Isha Shah	IIIT Hyderabad
Pakhee Dhanke	Google for Developers
Ameya Dusane	Pixaflip Technologies
Shivani Konde	Pixaflip Technologies
Soham Mahajan	Pixaflip Technologies
Siddhi Nagapure	Ibtidaa Tech
Sudarshan Khot	CAILMD-Research Group PICT
Kanan Shah	Infisync - SmileZ AI
Atharva Lole	Aerotail Private Limited
Pranisha Pol	AWS cloud club PICT, Model IQ Tech
Pokalwar Viresh Rajkumar	Eduskills Foundation
Shiv Tangloo	InLighnX
Siddesh Kadane	PreSecure Solutions
Harshita Mahakalkar	Ibtidaa Tech



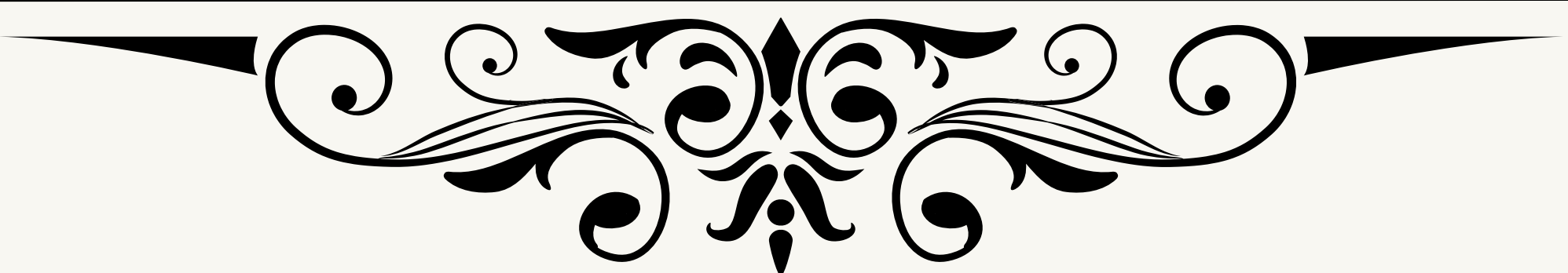
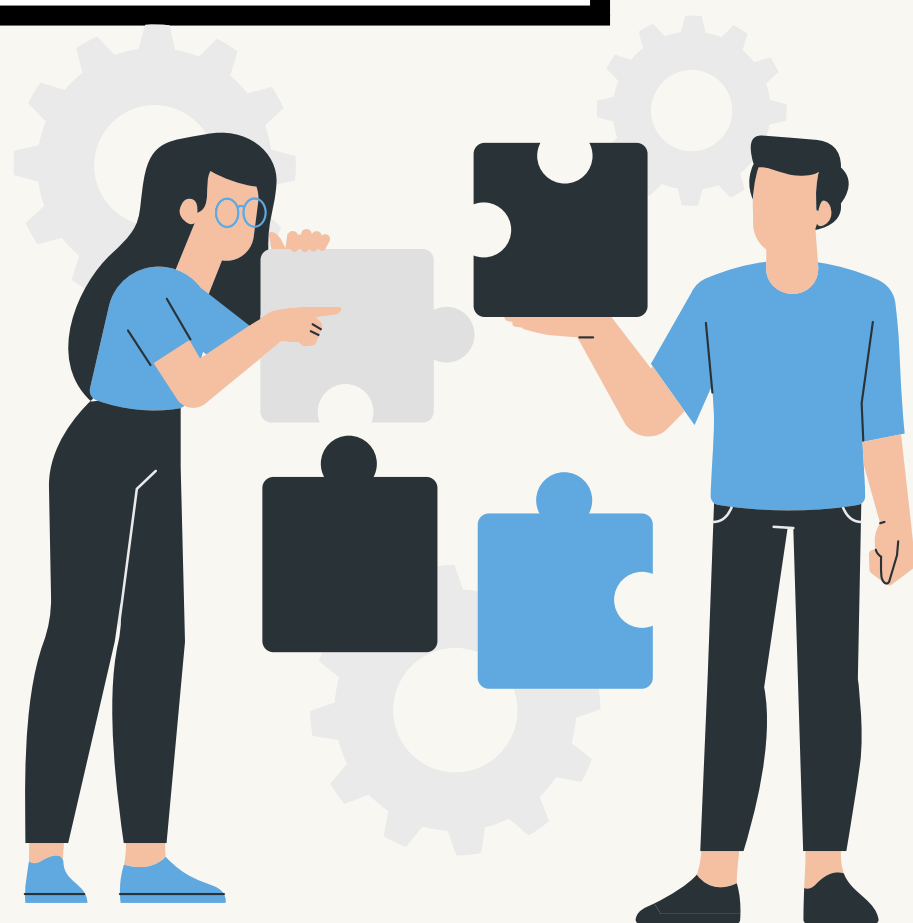
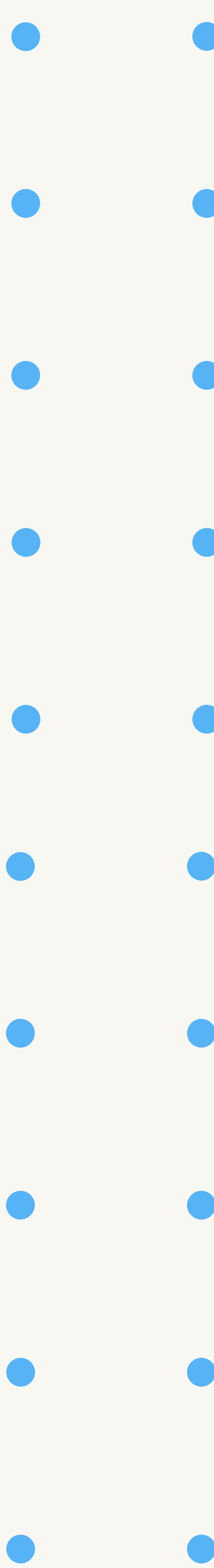


STUDENT ACHIEVEMENTS

INHOUSE INTERNSHIPS (TE)



Students	Company Name
Gaurav Raghatwan	Eduskills Foundation
Maitreya Mahesh Vaidya	Fluffyn Technologies Private Limited
Utsavi Bagri	Presecure Solutions
Anjali Salway	ScoreMe Solutions
Harshit Nilesh Pandhare	The Develeopers Arena
Shraddha Dolas	Zenith india
Arnav Bhawar	Avkalan.AI
Srujan Wavhal	Model IQ
Prisha Birla	Spiro
Samarth	PHICSIT InfoTech Pvt. Ltd



STUDENT ACHIEVEMENTS

INTERNSHIPS (SY)



Kanade Pavan Shrikrushna

Kanade successfully completed an Internship Project Simulation on E-Commerce Sales Analysis for Data-Driven Decision Making through the Internshala platform. During this internship, he analyzed sales datasets to extract meaningful business insights, enhancing his data interpretation, analytical reasoning, and decision-making skills. This experience provided practical exposure to real-world data analysis applications.

Vanshika Panjwani completed a 4-month internship at Finch Product and Services, Bangalore, as an AI/ML Developer. During this tenure, she worked on full-stack development using Django, Angular, and SQL databases. She developed an AI-powered chatbot utilizing OpenAI to manage and process fisheries data, enabling automated and intelligent user interactions. This experience strengthened her expertise in backend development, AI integration, and building scalable, data-driven applications.

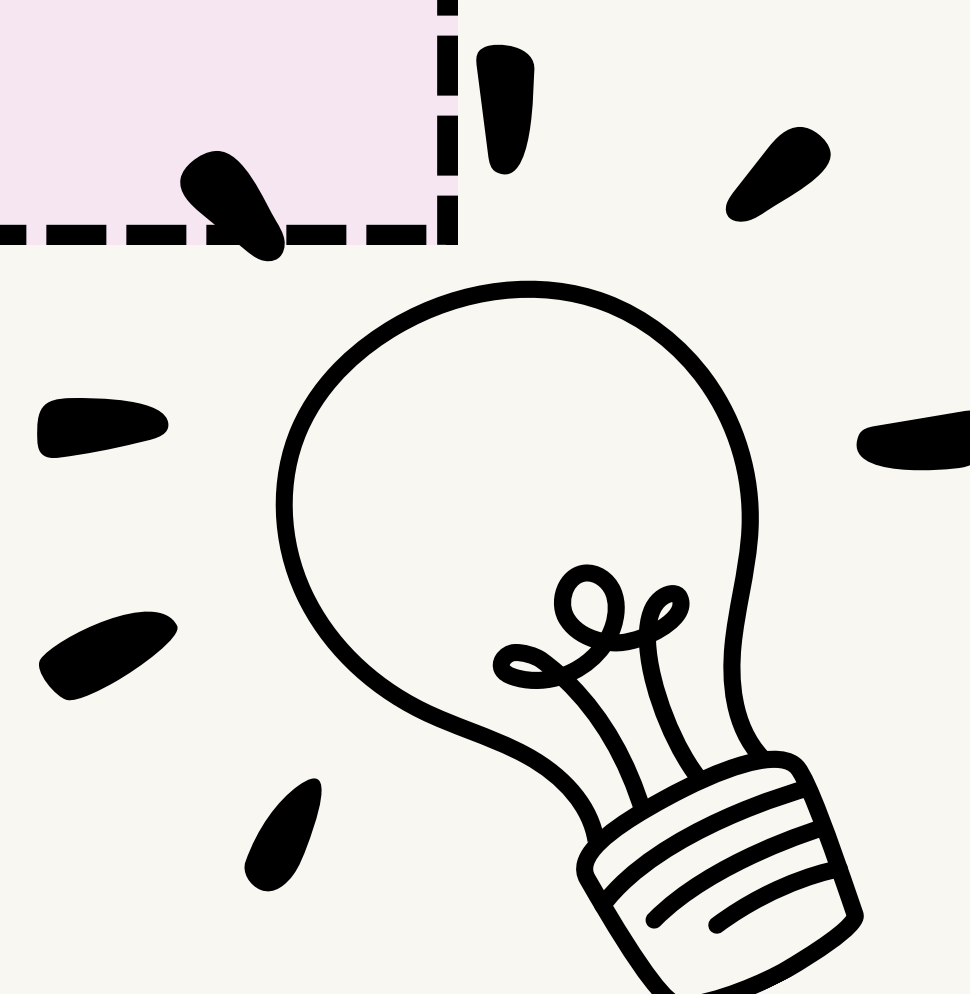


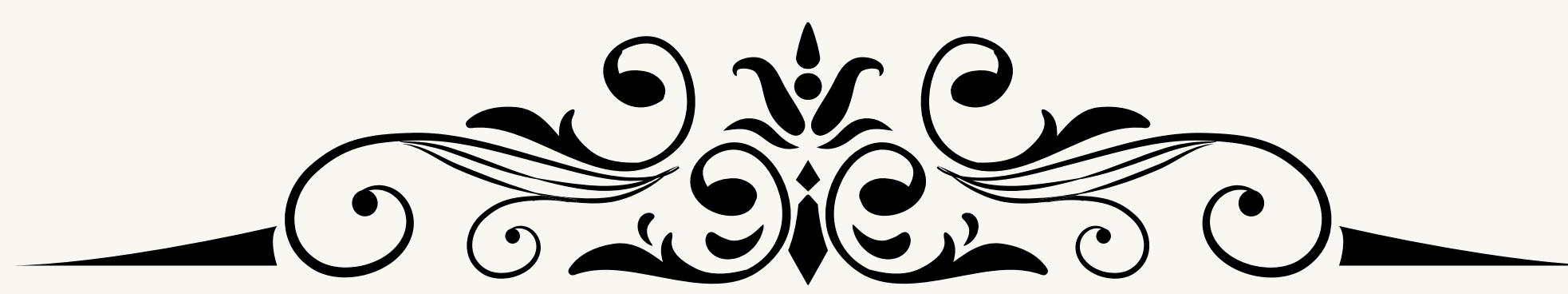
Vanshika Arvind Panjwani



Aradhya Rajeev Ranjan

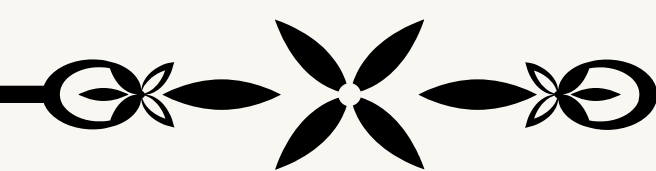
Aradhya Rajeev Ranjan worked as a Project Intern with the AWS Cloud Club at PICT, contributing as a team member. Through this role, he gained hands-on experience in project development and collaboration within a technical team environment, strengthening her practical and cloud-related technical skills.





STUDENT ACHIEVEMENTS

INTERNSHIPS (SY)



Aayush Kamlesh Chhajed

Aayush Kamlesh Chhajed currently working as an AI Research Intern at Tenancy Passport at the international level. Through this voluntary internship, he gained practical exposure to artificial intelligence research and real-world AI applications, strengthening his technical knowledge and hands-on experience in the field.

Suhani completed an internship at the district level with Cluster Computing, Nagpur, gaining practical exposure to technical implementation and real-world project environments. Additionally, she completed the AWS Learner Program and is currently an active member, strengthening her knowledge in cloud technologies and AI-driven applications.



Suhani Ravindra Bighane



Shirin Bobdey

Shirin Bobdey is an Information Security Intern at Aramex, a global logistics company. Since December 22, she has been contributing to a real-time enterprise security project, focusing on vulnerability identification, risk assessments, and strengthening security controls. Through this hands-on experience in a live corporate environment, she has gained valuable exposure to real-world security operations, compliance standards, and large-scale infrastructure protection, enhancing her expertise in Information Security.



STUDENT ACHIEVEMENTS

RESEARCH & CONFERENCE

BIAS DETECTION AND MITIGATION IN DATASETS AND LANGUAGE MODELS



Bias Detection and Mitigation in Datasets and Language Models

1st Nikita Bhedasgaonkar <i>dept. of Artificial Intelligence and Data Science</i> Pune Institute of Computer Technology of organization Pune, India nikitaedu7@gmail.com	2nd Kanan Shah <i>dept. of Artificial Intelligence and Data Science</i> Pune Institute of Computer Technology of organization Pune, India shahkanan769@gmail.com	3rd Shraddha Dolas <i>dept. of Artificial Intelligence and Data Science</i> Pune Institute of Computer Technology of organization Pune, India sdoofficial005@gmail.com
4th Ayush Chhetry <i>dept. of Artificial Intelligence and Data Science</i> Pune Institute of Computer Technology of organization Pune, India ayushchhetry410@gmail.com	5th Dev Gupta <i>dept. of Artificial Intelligence and Data Science</i> Pune Institute of Computer Technology of organization Pune, India devgupta875@gmail.com	

Abstract— This research investigates bias in artificial intelligence, focusing on detecting systematic discrimination in language models by employing advanced techniques like Generative Adversarial Networks (GANs), Fairlearn, and AIF360 to analyze datasets and transformer-based models including BERT, DistilBERT, RoBERTa, and XLM-RoBERTa. The study compares the performance of Fairlearn and AIF360 on various machine learning algorithms using metrics like

Addressing bias in language models is crucial for several reasons:

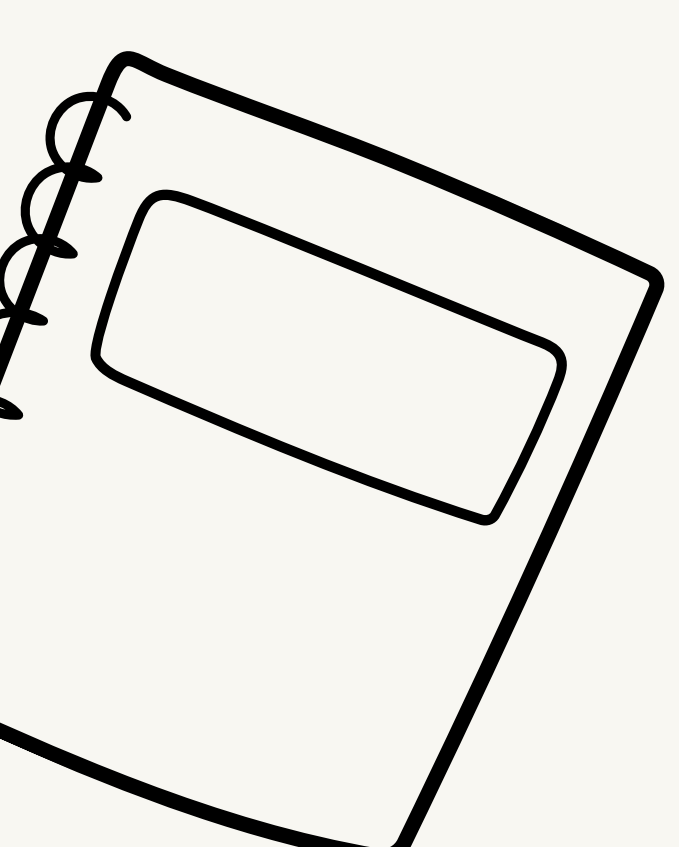
- **Ethical Implications:** Biased outputs can reinforce societal stereotypes and exacerbate existing inequalities. For example, AI systems used in hiring or law enforcement might unfairly disadvantage specific demographic groups based on biased training data.



PROJECT BY : NIKITA BHEDASGAONKAR, AYUSH CHHETRY, KANAN SHAH, SHRADDHA DOLAS, DEV GUPTA

GUIDANCE BY: MS. ANJALI DESHPANDE

Submitted project for IEEE conference. This research investigates bias in artificial intelligence, focusing on detecting systematic discrimination in language models by employing advanced techniques like Generative Adversarial Networks (GANs), Fairlearn, and AIF360 to analyze datasets and transformer-based models including BERT, DistilBERT, RoBERTa, and XLMRoBERTa. The study compares the performance of Fairlearn and AIF360 on various machine learning algorithms using metrics like Demographics Parity Difference (DPD) and Equalized Odds Difference (EOD), uncovering significant biases, particularly in gender, and presenting a method for debiasing encoderbased language models. By demonstrating the prevalence of biases across different model architectures, the research emphasizes the critical need for understanding and systematically detecting bias in natural language processing technologies



STUDENT ACHIEVEMENTS

RESEARCH & CONFERENCE

INTERNATIONAL CONFERENCE ON INNOVATIVE COMPUTING AND COMMUNICATION- 2026

Generative AI in Education: Transforming Learning Through Content Creation, Personalization, and Assessment

Shirin Bobdey¹, Tanvi Shivkumar Ghatage², Vishwaja Suryakant Deshmukh³, Prof. Priyanka Shahane⁴

^{1,2,3} Student, SCTR's Pune Institute of Computer technology, Pune

⁴ Assistant Professor, SCTR's Pune Institute of Computer technology, Pune
priyankashahane361996@gmail.com

Abstract. In order to enhance content delivery, encourage personalization, and automate assessment processes, artificial intelligence (AI) has been used more and more in the educational sector. Existing AI-based systems, however, show limitations in adapting to different learner profiles, frequently generate generic or context-insensitive outputs, and give rise to unresolved reliability and ethical use issues. To address these issues, this paper proposes a generative AI system that combines large-scale language models, overview summarization and quiz authoring techniques. The suggested framework uses learner modeling to improve personalization, retrieval-augmented generation techniques to increase



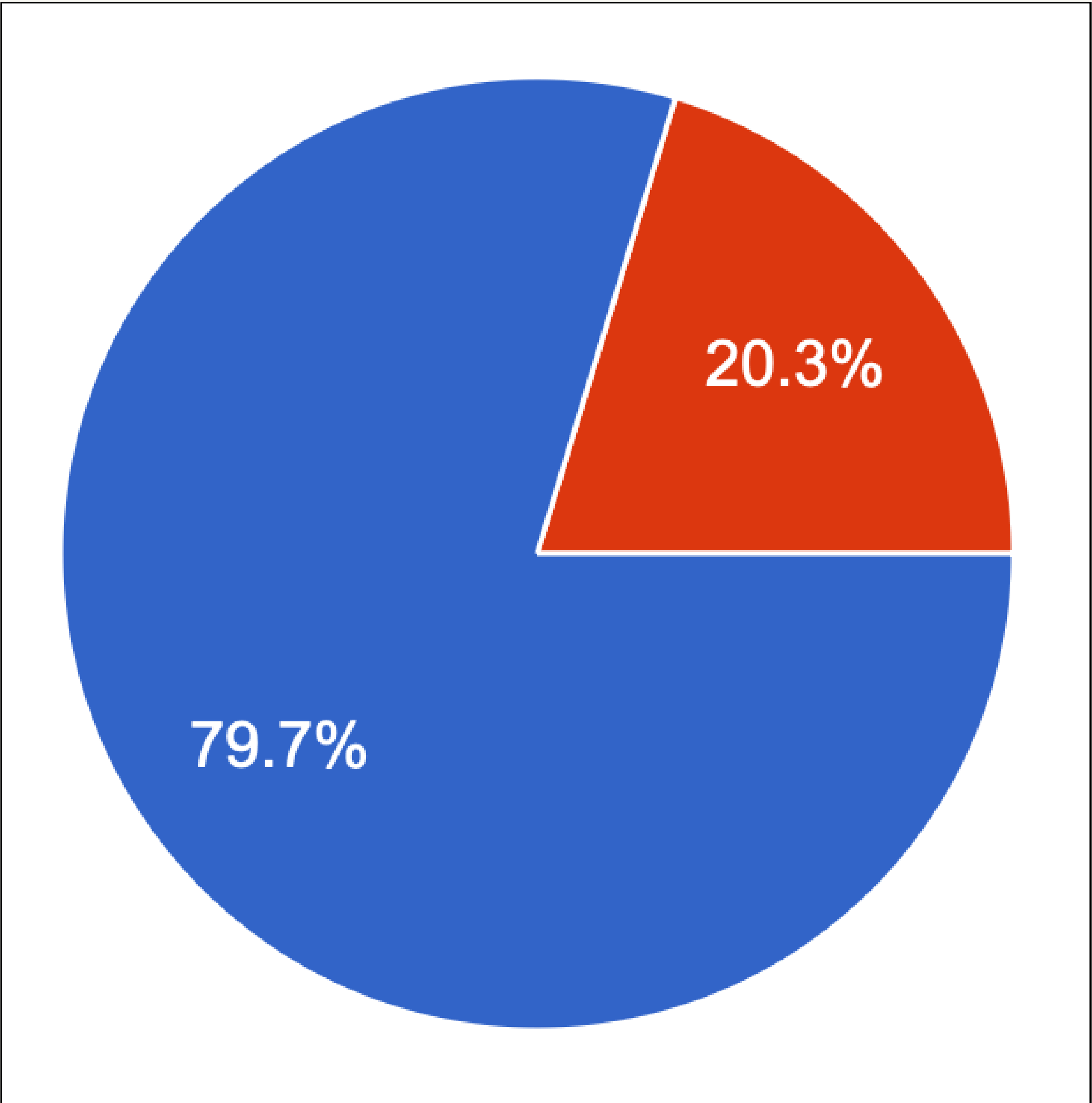
PROJECT BY : SHIRIN BOBDEY, TANVI SHIVKUMAR GHATAGE, VISHWAJA SURYAKANT DESHMUKH

GUIDANCE BY: PROF. PRIYANKA SHAHANE

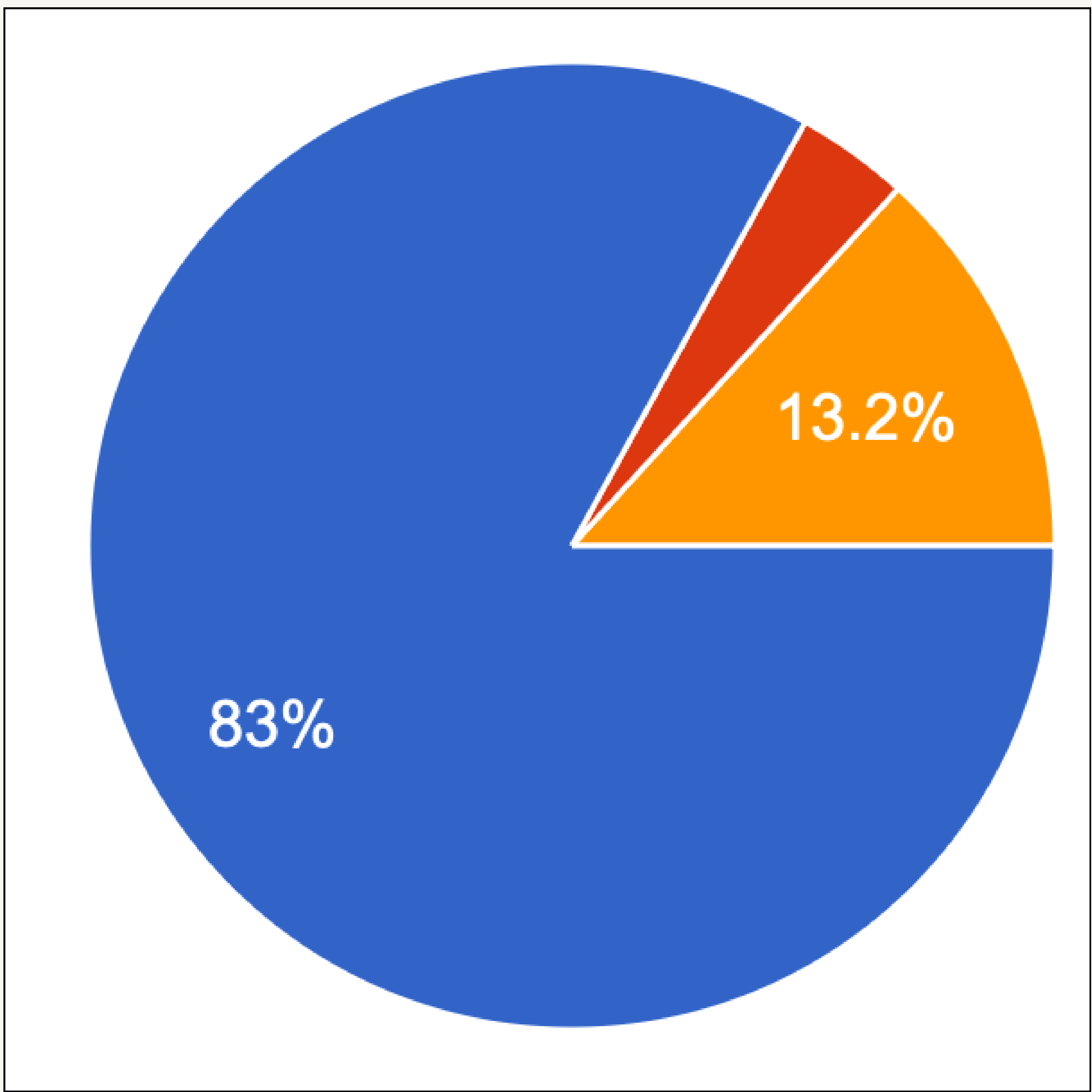
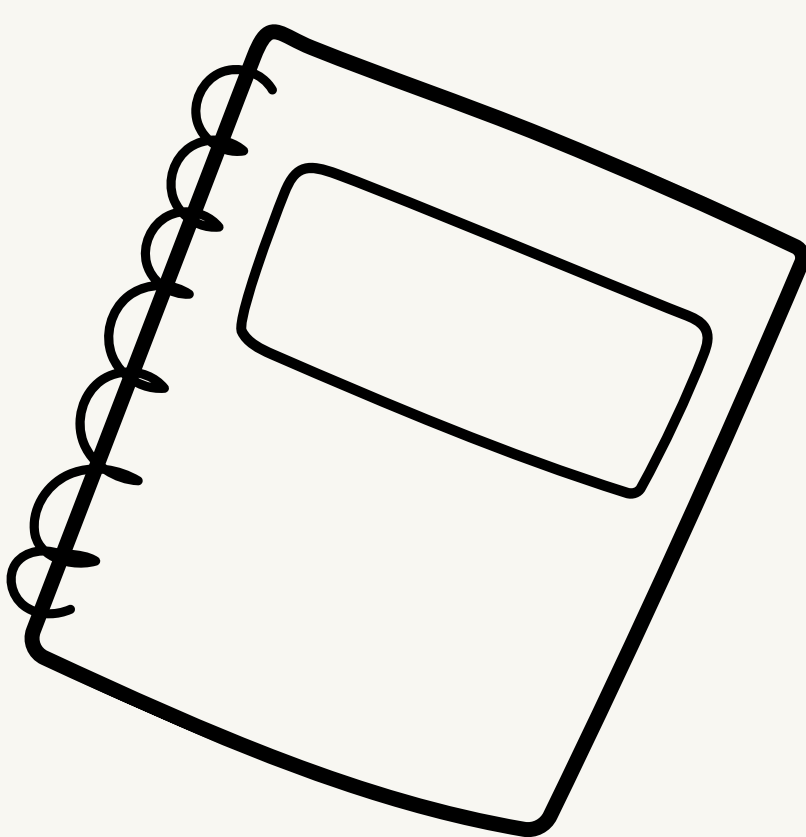
Shirin Bobdey co-authored a research paper titled "Generative AI in Education: Transforming Learning through Content Creation, Personalization, and Assessment", which was accepted at the 9th International Conference on Innovative Computing and Communication (ICICC-2026) under the track of Emerging Trends in Computer Engineering and Artificial Intelligence. This international-level acceptance highlights her research aptitude and contribution to innovative applications of Generative AI in education.

STUDENT ACHIEVEMENTS

STUDENT STATISTICS



● Hackathon
● Certifications



Hackathons

● Participation
● Winner
● Finalist



CLUB CONTRIBUTION



PICT ACM STUDENT CHAPTER

Vivek Bhalke, Krish Bavishi, Isha Shah, Nikita Bhedasgaokar, Siddhi Nagpure, Jainam Dudhediya, Sudhan Dabhade



PICT IEEE STUDENT CHAPTER

Srujan Wavhal, Gargi Nemade, Swarali Patil, Hital Chavan, Dhruval Porwal, Kavya Mahamine, Sarthak Shastri



CLUB CONTRIBUTION



PICT ART CIRCLE

Pakhee Dhanke, Srujan Wavhal, Riddhi Gopalani, Pratik Kalburgi



PICT Art Circle have recently won many rewards in Firodia Karandak including : 1st prize in Drapery, 2nd in Vocalist, 2nd in Set, 1st prize in Puppet, Consolation Background Music, 3rd in Classical Dance and 1st in Lights



PICT EDC

Bhumi Wayal (Marketing Head), Diya Aggrawal (Public Relation Head), Hardik Gujarathi (Tech Head), Hasan Saylawala, Anushka Gupta



CLUB CONTRIBUTION



PICT AWS CLOUD CLUB

Diya Aggarwal, Pranisha Pol, Suhani Bighane, Aradhya Ranjan, Vanshika Panjwani



PICT NSS

Pavan Kanade, Om Thewale, Pradnya Pawar



Every Year NSS organizes different Donation Camps including Blood Donation, Books / Clothes Donation where many students of AI&DS participate in it.

CLUB CONTRIBUTION



TED X PICT

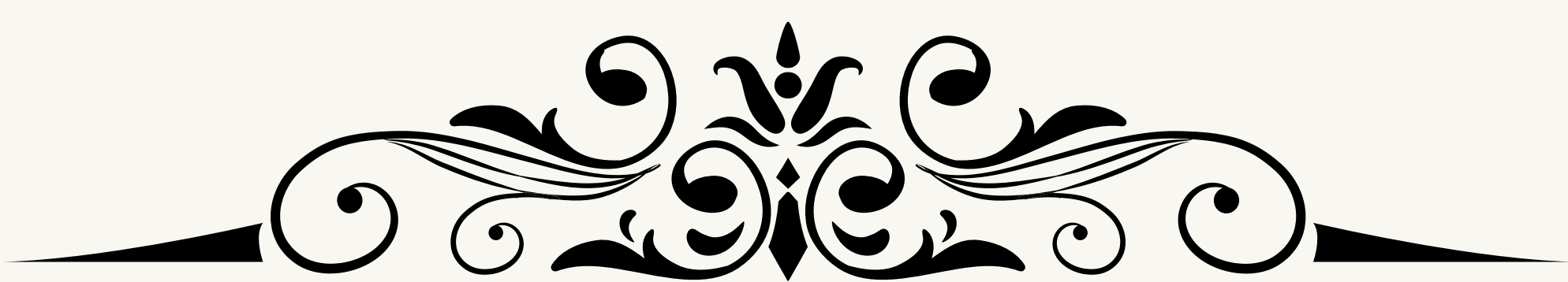
Samarth Raut , Isha Shah , Nikita Bhedasgaonkar, Puneet Kaur, Eesh Chaturvedi



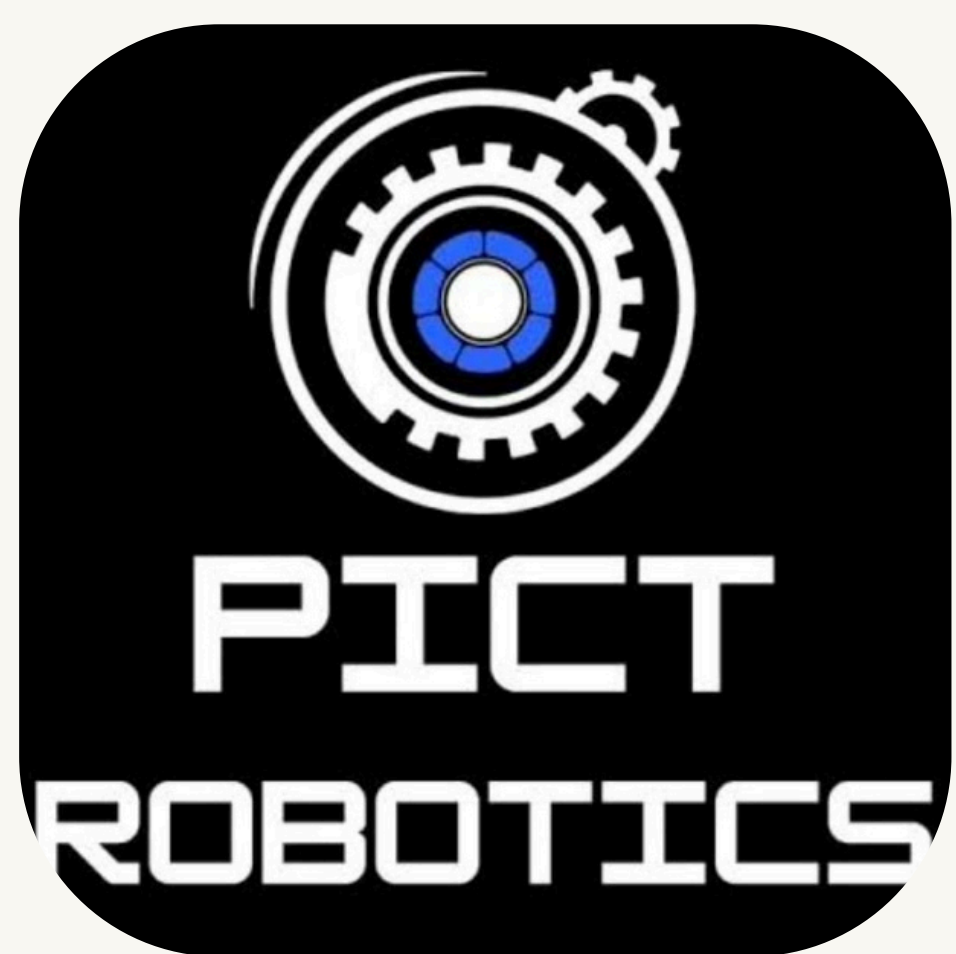
PICT MUN

Anjali Salway, Amey Dusane, Ayush Chhetry, Shirin Bobdey



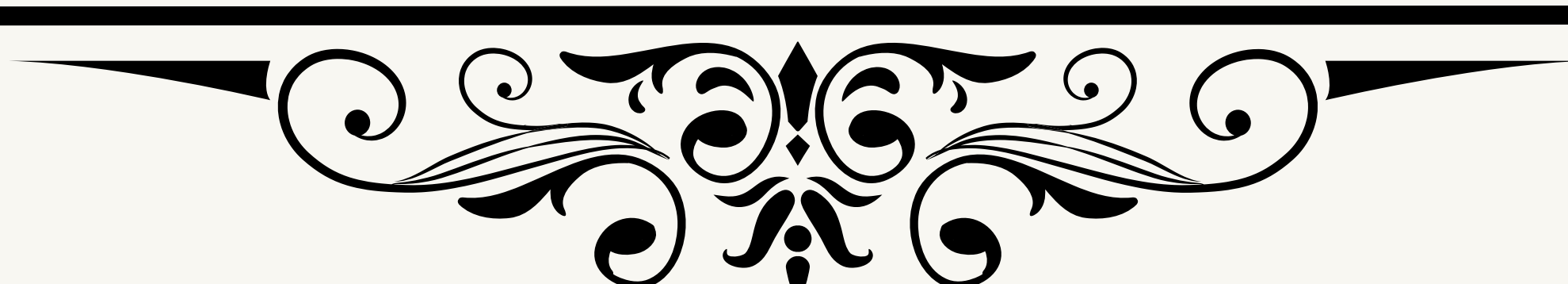
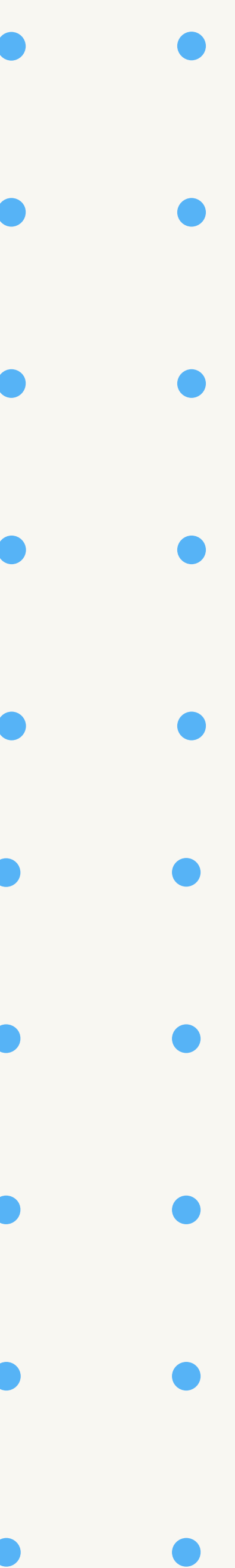
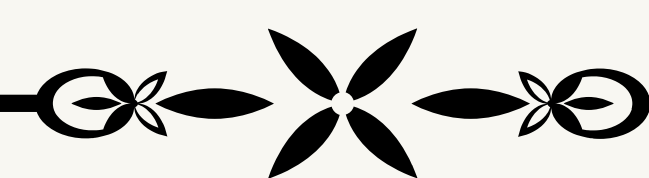
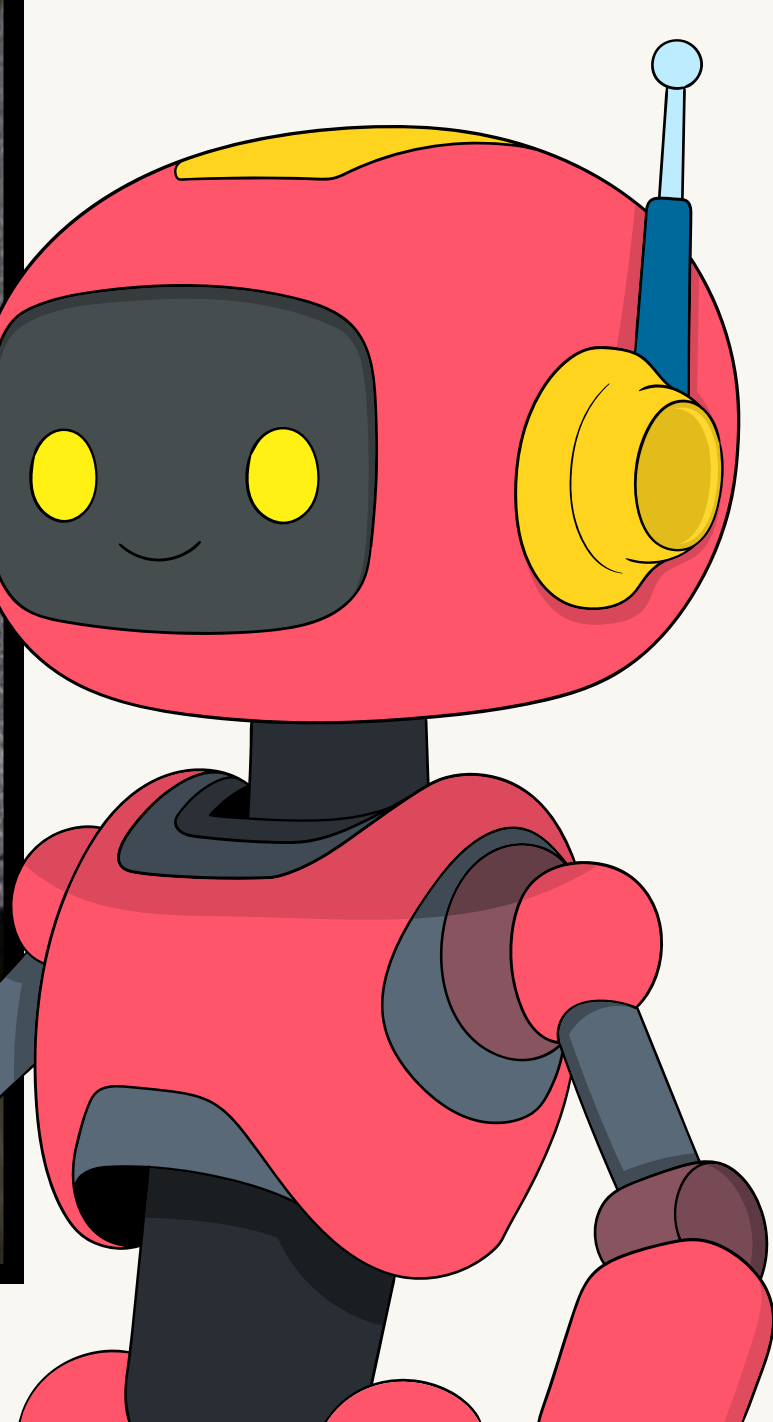
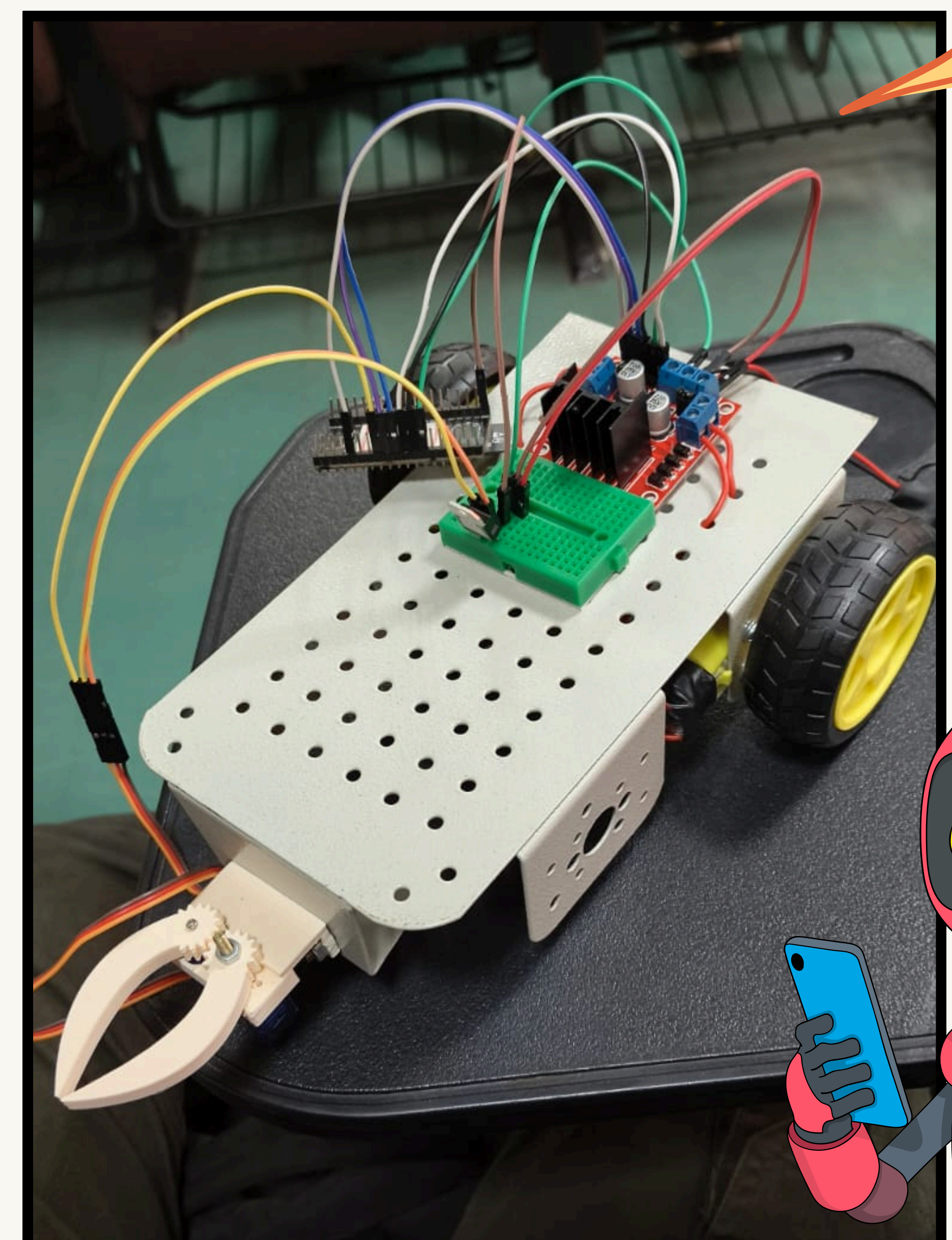


CLUB CONTRIBUTION



PICT ROBOTICS

Pranav Mane, Dhruval Porwal, Soham Patil



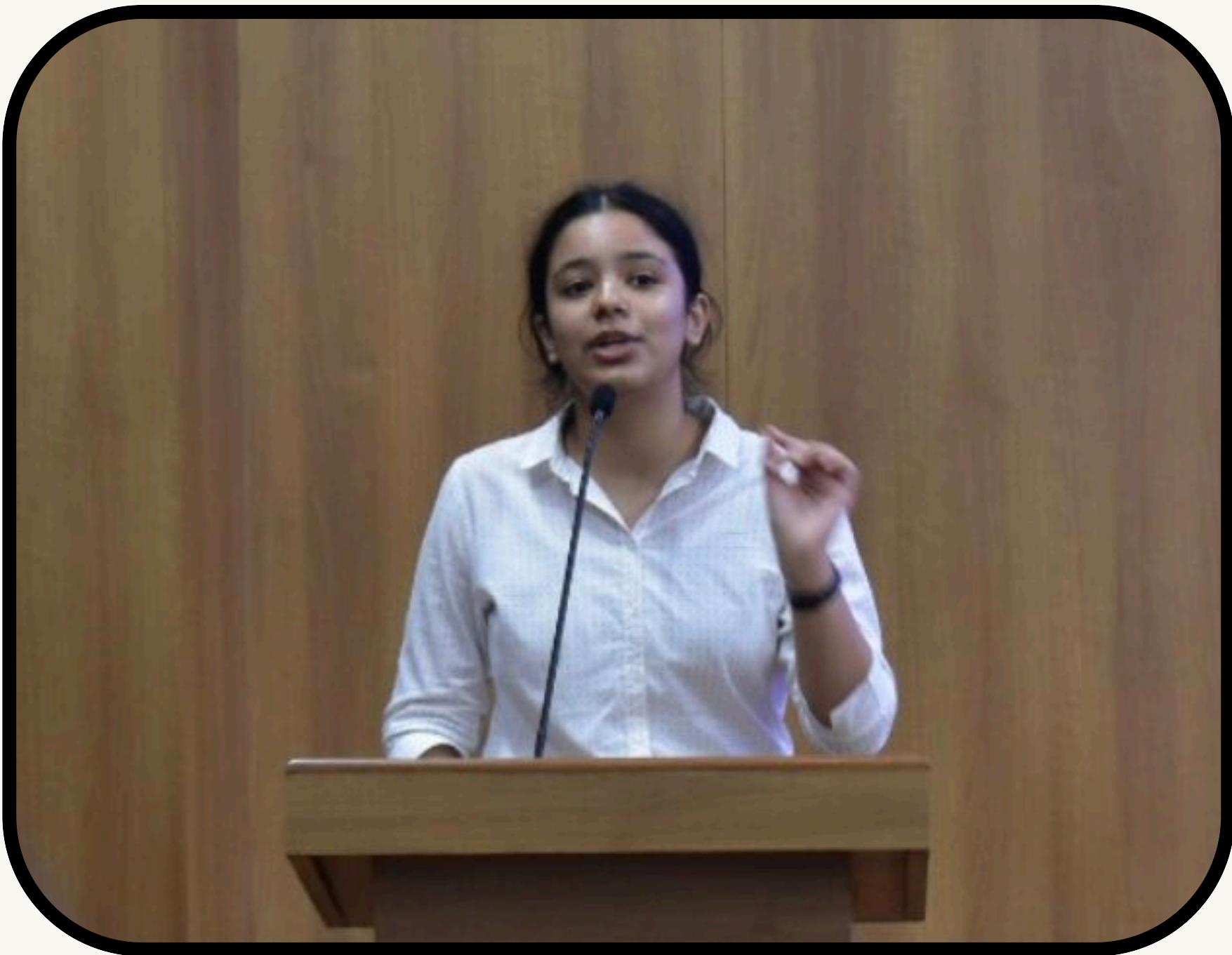
EXTRA-CURRICULAR ACTIVITIES



Shirin Bobdey

“Shirin Bobdey achieved international recognition with her research paper acceptance at ICICC-2026. Alongside her academic accomplishment, she actively contributed to MUN Club outreach, coordinated hackathon events at Xenia’26, and volunteered at CTiS 2025, reflecting a balance of academic excellence and leadership.”

“Puneet Kaur has consistently demonstrated excellence in public speaking and leadership. She secured the Runner-Up position at Paricharcha 2026 and was awarded Best Speaker at Waxing Eloquent. As an anchor and organizing committee member for major events like Techfiesta and Addiction Fest, she has showcased confidence, communication skills, and stage presence, bringing pride to the institute.”



Puneet Kaur

“The students actively participated in Dhol-Tasha as an extra-curricular activity, showcasing teamwork, energy, and cultural spirit during college events.”



Pranisha Pol



Shivani Mulmule

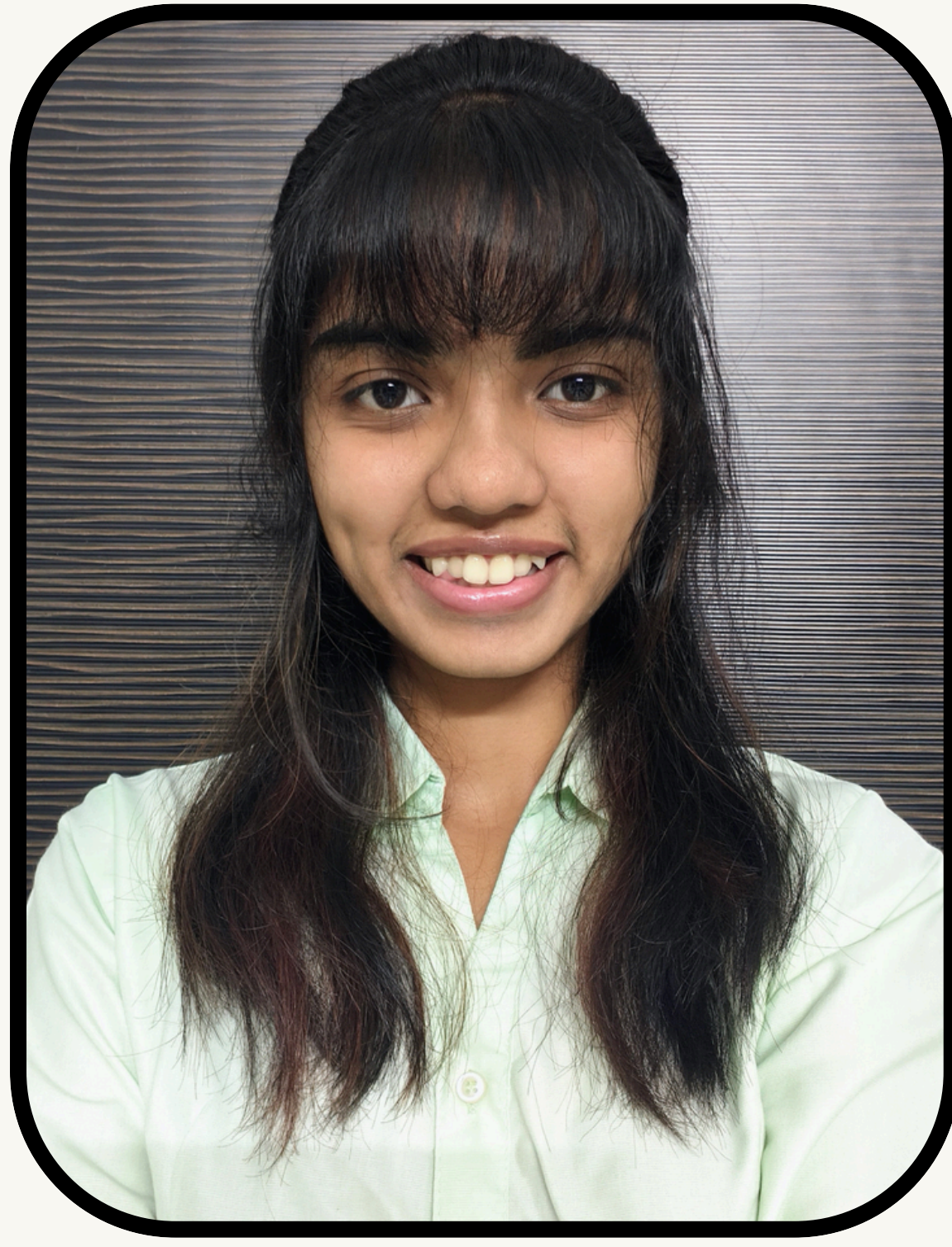


Harshali Uikey



Advait Muley

EXTRA-CURRICULAR ACTIVITIES



Riddhi Gopalani

“Riddhi Gopalani contributed to PICT’s historic qualification for the Firodiya Karandak Finals after seven years. She also secured 3rd Prize in Acting Duet at AFMC, highlighting her talent in performing arts and dedication to cultural excellence.”



“Aarya Patel represented PICT in women’s basketball and secured District Runner-Up positions at Rajarshi Shahu Maharaj Krida Mohotsav and Elevate 2026. Her dedication and team spirit reflect the institute’s strong sporting culture.”



Aarya Priteshkumar Patel



Tanvi Vasagadekar

“Tanvi Vasagadekar showcased exceptional leadership and sportsmanship as the Captain of the college Volleyball team. Under her guidance, the team secured the Runner-Up position in the Intra-Collegiate Volleyball Competition. Her ability to lead, motivate, and perform under pressure highlights her dedication, teamwork, and commitment to excellence in sports.”

EXTRA-CURRICULAR ACTIVITIES



Day 1-Sanskriti Sangam



Day 2-Mismatch Day



Organizing committee on Day 3- Masquerade Ball



Addiction at PICT was celebrated with great enthusiasm through themed days like Sanskriti Sangam, Mismatch Day, and the Masquerade Ball. The AI & DS department actively participated in the flash mob and played a key role in the core organizing team.



Day 1



Day 2



Day 3

TECHNICAL ARTICLES



FAILURES, BUGS, AND BREAKTHROUGHS: THE REAL LIFE OF AN ENGINEERING STUDENT

-Mrs. Tanuja S. Mulla
Assistant Professor, PICT

If someone looks at engineering from the outside, it often appears exciting and impressive. People imagine students building smart systems, developing applications, and creating innovative technology. While all of that is certainly true, the real life of an engineering student also includes something else-failures, confusing errors, and long hours spent trying to fix problems that seem impossible at first.

Every engineering student has faced that moment when a program refuses to run, even after writing hundreds of lines of code. Sometimes the mistake is just a tiny typo. Sometimes it's a missing bracket or a small logic error hidden somewhere in the program. Hours can pass just trying to find that one small issue.

These moments can be frustrating, especially when deadlines are approaching and progress feels slow. But interestingly, these very experiences are what shape a good engineer.

In the field of Artificial Intelligence and Data Science, challenges are even more common. A model may not give accurate results. A dataset may contain missing values. An algorithm that worked perfectly in theory may behave very differently when applied to real-world data. When this happens, students must experiment, analyse, and try again.

And that process is where true learning happens.

Engineering is not about writing perfect code on the first attempt. It is about developing patience, problem-solving ability, and the confidence to keep trying even when things go wrong. Every bug you fix improves your understanding. Every failed attempt teaches you something that a textbook never could.

As professors, we often observe students spending long hours in labs, discussing solutions with their teammates, testing different approaches, and celebrating even the smallest success. These moments may seem ordinary now, but they are actually shaping the skills that will define your future careers.

Some of the greatest technological innovations in the world were built after countless failed attempts. The difference between someone who gives up and someone who succeeds is often just persistence.

So the next time your code refuses to run or your project does not work as expected, do not see it as a failure. See it as part of the process that every engineer must go through.

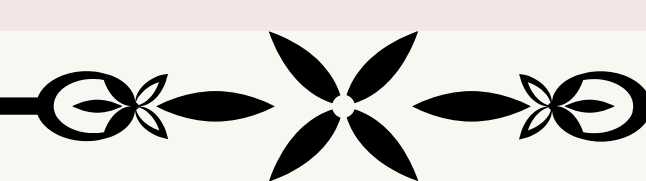
Because in engineering, every bug you solve brings you one step closer to a breakthrough.

TECHNICAL ARTICLES



7 DAYS, 36 HOURS, ONE TROPHY: HACKING OUR WAY TO AN ISRO VICTORY

-Suhani Bighane



The One-Week Sprint to the Stars:
Winning SIH for ISRO

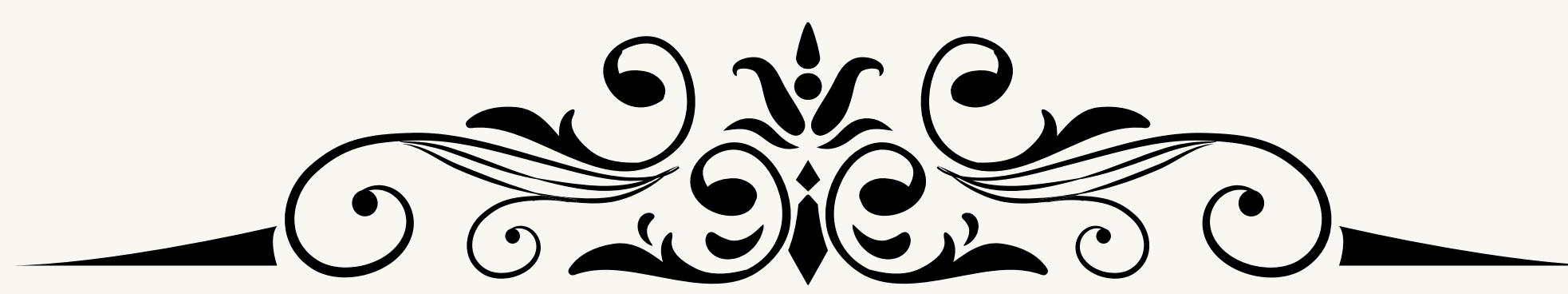
Participating in the Smart India Hackathon 2024 was a whirlwind experience that tested our absolute limits and redefined our potential. For our team, the journey began just one week before the presentation submission, but what we lacked in time, we made up for in pure grit.



We poured our hearts and blood into that initial proposal, racing against the clock day and night. When the results arrived and our PPT was selected for the grand finale, the real hustle began. Realizing we needed better computational power to build our solution, we traveled back and forth from GP Nagpur to Shri Ramdeobaba College just to train our machine learning models. The experience taught us that true resourcefulness means finding a way, no matter the obstacles.

The grand finale at GTU was a 36-hour sprint of relentless focus. Tackling a prestigious ISRO problem statement, we pushed through sleepless nights and endless debugging to perfect our solution. When we were announced as the winners, the exhaustion instantly vanished into euphoria. Holding that trophy felt surreal, the ultimate reward for every frantic deadline and long commute.

This journey was about pushing past what we thought was possible. It proved our resilience under extreme pressure, strengthened our technical abilities, and showed us the true power of a united team. We brought home a championship, but the greatest reward was discovering the extraordinary things we can achieve when we simply refuse to give up.

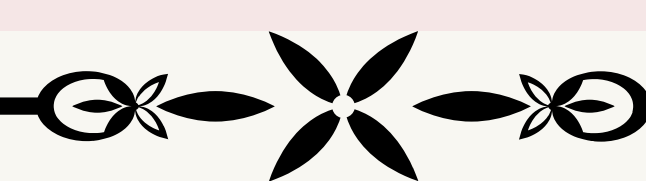


TECHNICAL ARTICLES



BUILDING AI-POWERED ADVISORY SYSTEM FOR FARMERS AT SIH 2025

-Riya Sonawane



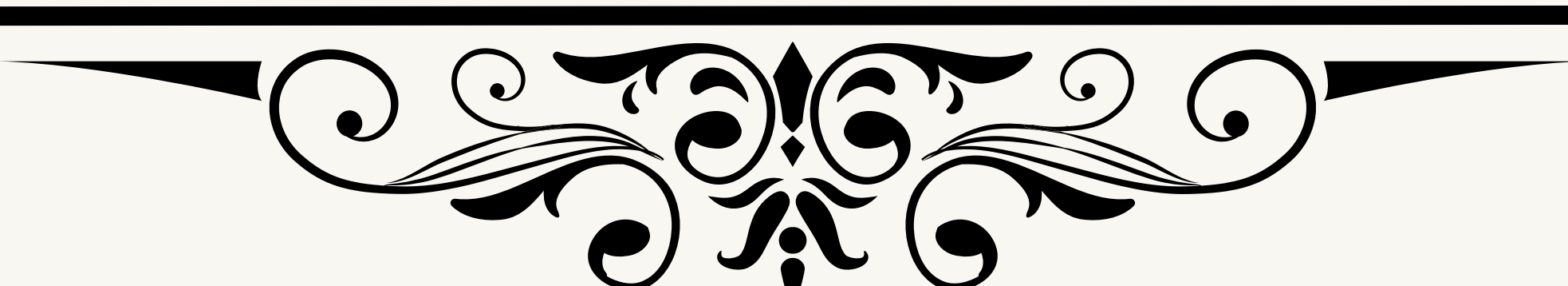
Our team at Smart India Hackathon 2025 developed an Agriculture Technology (AgriTech) solution to improve farmers' access to accurate and timely agricultural support. The goal was to enable farmers to use modern technology to confidently manage their farming activities and improve crop productivity.

Farmers often face challenges such as crop diseases, seasonal uncertainty, and limited access to Agricultural Officers. To address this, we built an AI-based Farmer Query Support and Advisory System that allows farmers to ask questions through voice or text and upload crop images for disease detection.

The system analyzes queries using AI, considers local factors like crop type and season, and provides clear, actionable, and jargon-free responses. To ensure reliability, low-confidence or unanswered queries are automatically forwarded to agricultural experts. Voice interaction and simple language make the platform accessible to both technical and non-technical users.

This project focused on real-world impact rather than academic demonstration. Working under strict time constraints enhanced our teamwork, problem-solving, and system-level thinking.

Participating in the Smart IndiaHackathon was not just a competition, but a valuable experience in innovation, collaboration, and building socially responsible technology.



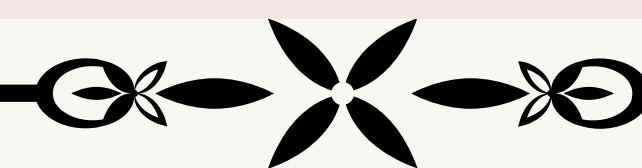


TECHNICAL ARTICLES



COMPETITIVE PROGRAMMING

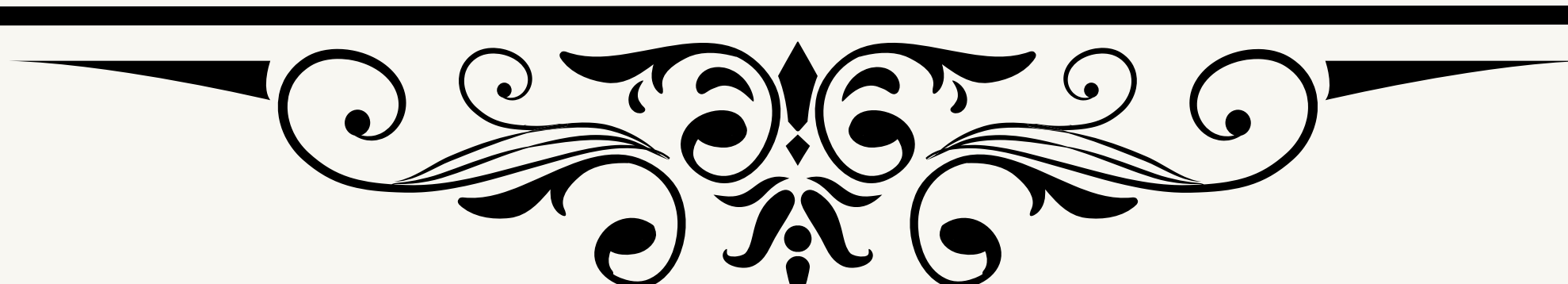
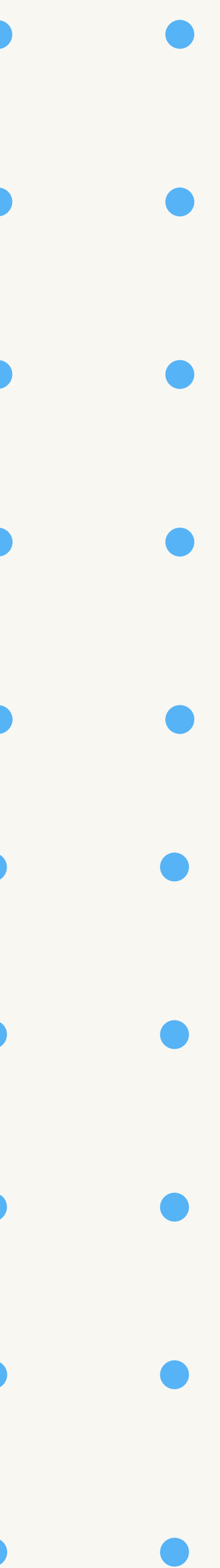
-Kartik Bhangale



Achievements

- Pupil at Codeforces, Max Rating: 1279
- 2 Star at CodeChef
- 300+ Questions Solved at LeetCode
- Solved 50+ Questions at TLE Eliminators CP-31 Sheet

I have improved my competitive programming skills by regularly solving challenging problems on different platforms. With consistent practice and dedication. I have achieved important milestones and grown as a programmer. Through this journey, I have strengthened my problem-solving ability, logical thinking, and understanding of data structures and algorithms. Participating in contests has also helped me improve my speed, accuracy, and ability to perform under pressure. I continuously strive to learn new techniques and refine my coding skills to become a better and more efficient programmer. In coding matters only the consistency.



TECHNICAL ARTICLES



“TOP APPS AND WEBSITES EVERY ENGINEERING STUDENT SHOULD USE”

-Jainam Dudhediya

When I entered engineering college, I thought success meant attending lectures daily, completing assignments on time, and studying one night before exams. But after the first year, reality felt very different.

Engineering is not just about passing exams. It's about managing time, handling multiple subjects, and learning skills that actually matter in the real world.

If I could guide my younger self, I would say:

Don't just work hard - work smart.

And smart work starts with using the right tools.

1. Notes, Organization & Academic Survival

Apps like Notion help you organize notes, lab work, formulas, and project ideas in one place.

Instead of going through random PDFs, tools like NotebookLM or ChatGPT can help you understand concepts better.

Also, always store your files on Google Drive. Many students lose marks not because they don't know the answers, but because they lose their files.

2. Learning Beyond the Syllabus

For deeper understanding of subjects, NPTEL is very useful. Learning from IIT professors gives better clarity.

For coding, GeeksforGeeks and Striver's A2Z DSA Sheet are great starting points. Platforms like LeetCode and Codeforces help improve problem-solving skills.

If you are interested in data science or AI, Kaggle is a great platform to practice with real datasets.

You can also use Udemy or DeepLearning.AI to build certified skills for your resume.

Don't wait till final year to start learning. Start now, even if it's small.

Tip: Use these tools to learn, not to copy answers.

TECHNICAL ARTICLES



“TOP APPS AND WEBSITES EVERY ENGINEERING STUDENT SHOULD USE”

-Jainam Dudhediya

3. Time Management

Engineering is more about time management than intelligence. Use:

Calendar apps to track deadlines

To-do lists to break tasks into smaller steps

Planning your week reduces stress. You don't need to study 10 hours daily - you just need to study consistently.

4. Career Growth

Build your profile on LinkedIn

Upload your projects on GitHub

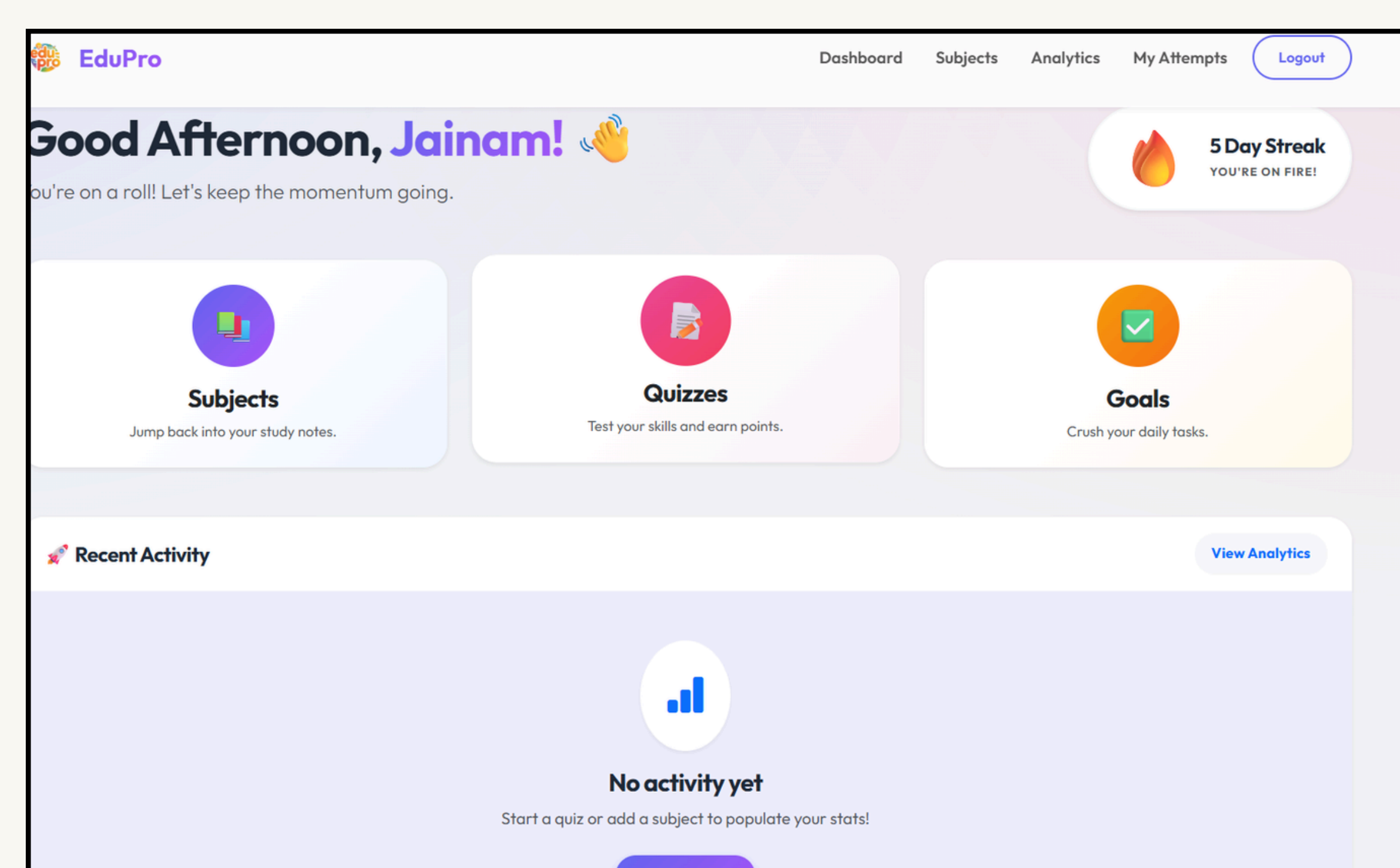
Take at least one certified course every semester

Engineering is competitive. Starting early gives you confidence later.

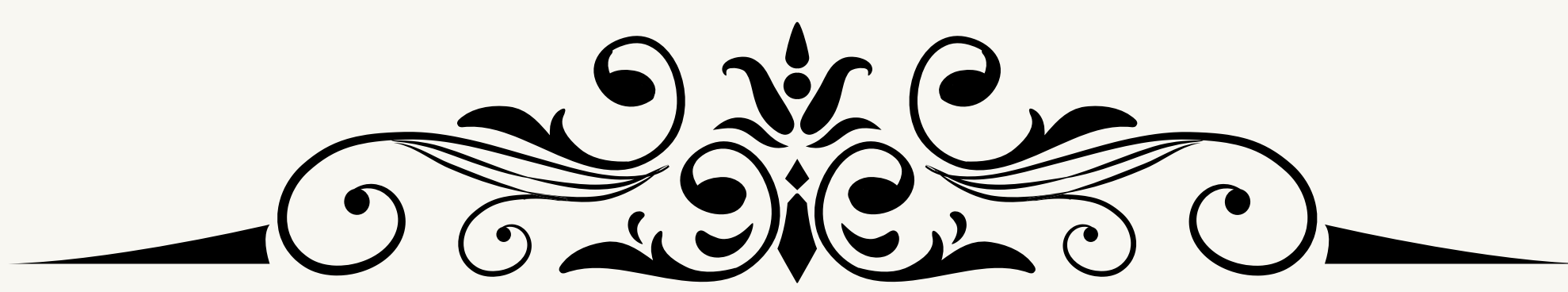
Along this journey, I realized something: we use multiple platforms for videos, notes, quizzes, and task management. Everything is scattered. And there's no single place where a student can track learning and performance together. That's where Edu-Pro comes in. Edu-Pro is a developing website designed especially for students. It combines:

- Study materials (videos + PDFs)
- Topic-wise quizzes
- To-do list with deadlines and priorities
- Performance analytics

The goal is simple: Not just study - but track, analyze, and improve.



Apps and websites won't guarantee success or placements. But the right tools, combined with discipline, can make your engineering journey much easier and more effective. Because sometimes, we don't need more motivation -we need better structure.

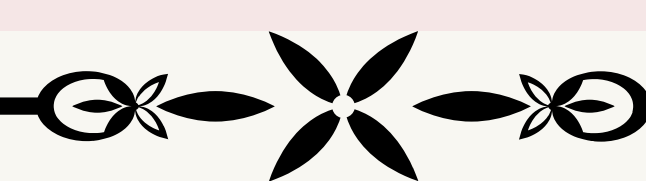


TECHNICAL ARTICLES



“SIMPLIFYING REGULATORY COMPLEXITY WITH AI ”

-Aryan Kothawade



At the Alcista Hackathon hosted by the PICT Finance Society, Team Fingenie secured 3rd Place, transforming regulatory complexity into an intelligent automation solution.

Financial frameworks like Basel III, AML, and KYC evolve rapidly, making compliance costly and challenging. We built an AI-Driven Regulatory Compliance Automation Platform that interprets regulatory text, maps it to internal policies, identifies compliance gaps, and converts them into actionable operational tasks.

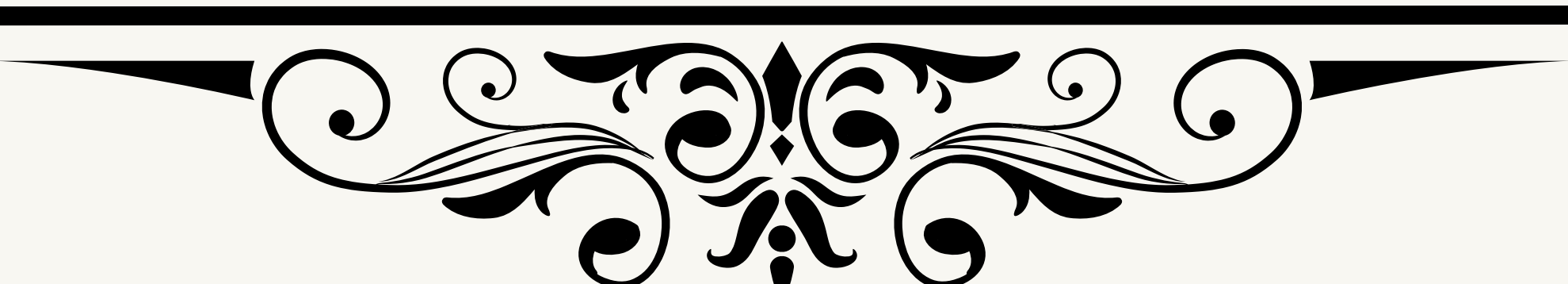
What made our solution stand out was its built-in explainability. Instead of simply flagging issues, the platform clearly shows the exact regulatory clause, the linked internal policy, and the reasoning behind each alert — ensuring transparency and real-world applicability.

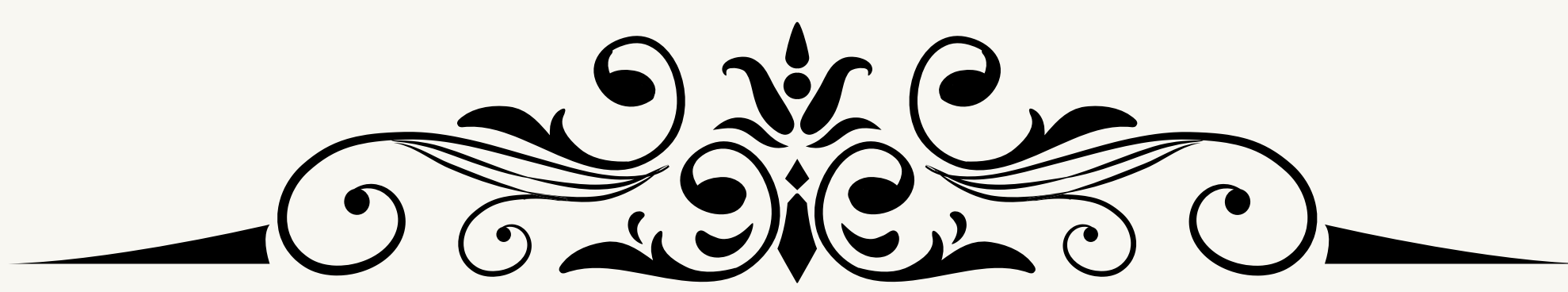
Under intense hackathon pressure, our team collaborated, refined ideas, and delivered a solution that combined innovation with practicality. When we were announced as 3rd Place winners, it marked not just a victory, but a milestone in our FinTech and RegTech journey.

Team Fingenie:
Aryan Kothawade
Kavya Mahamine
Varad Palod
Vedant Jadhav



Alcista was more than a competition - it was an experience in innovation, teamwork, and pushing boundaries.



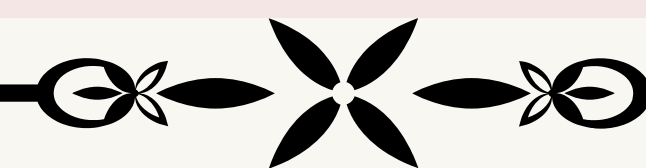


TECHNICAL ARTICLES



BEYOND WINNING: LESSONS THAT SHAPED MY SIH JOURNEY

-Vanshika Panjwani



Participating in the Smart India Hackathon was far more than a competition for our team, it was a journey of growth, resilience, and self-discovery.

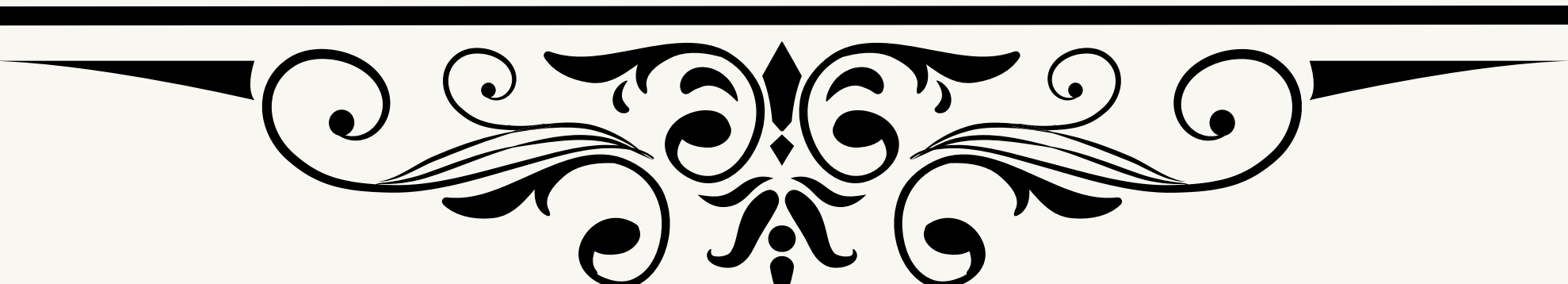
We worked day and night, pushing ourselves to find solutions, refining ideas through sleepless nights, and even using travel time to brainstorm and debug. The experience taught us that dedication is not about comfort, it is about commitment.

As the hackathon progressed, we realized that building a solution was only one part of the challenge. Presenting it effectively and communicating our ideas to mentors and judges was equally important. We learned how to explain complex concepts clearly, think on our feet, and present with confidence.

Although project did not meet the final evaluation criteria and no one win, we earned something invaluable, the appreciation of our mentors during the intense 24-hour hackathon cycle. That recognition led to an internship opportunity, where we experienced the professional tech environment, interacted with clients, and understood how real-world problems are approached and solved. We began with limited experience, faced multiple obstacles, and learned through trial and error - but we persevered and delivered.

This journey was not about victory, it was about transformation. It strengthened our presentation and communication skills, improved teamwork under pressure, enhanced problem-solving ability, and helped us develop a professional mindset. Most importantly, it taught us to embrace challenges, stay curious, and never stop learning - keep trying even if you don't know, everything will be taken care along the way you learn it.

We may not have won a trophy, but we gained skills, confidence, and experience that will guide our future. Because sometimes, the real success lies not in winning, but in who we become along the way.



TECHNICAL ARTICLES



FROM ENTC TO AI & DS: A JOURNEY OF CLARITY AND CONSISTENCY

-Sanskriti Gupta

“When I entered ENTC in my first year, I didn’t know that within a year, I would be working hard to transition into Artificial Intelligence and Data Science.”

Like many students, I began engineering without complete clarity about my specialization. ENTC exposed me to core technical subjects, but as the year progressed, I realized that my interest was gradually shifting toward programming, data, and intelligent systems. The branch change process was highly competitive. The cutoffs were around 9.9 for IT, 9.7 for AIDS, and 9.65 for ECE, with limited seats available. This made one thing very clear — consistency throughout the year is non-negotiable. What Actually Matters :-

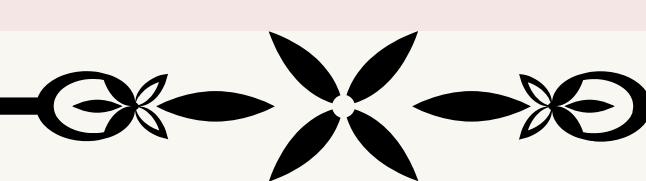
1. Follow the given study material properly: Many students underestimate the importance of the prescribed syllabus. If you sincerely understand and complete what is taught, it is more than enough to score well.
2. Take math-heavy subjects seriously: For subjects like LAC and SIC, regular practice is essential. These subjects require daily problem-solving. You cannot master them through last-minute preparation.
3. Focus on conceptual understanding: In subjects like, MFR and IEEE, try to understand the core concepts instead of memorizing definitions. Rote learning may help temporarily, but clarity builds long-term confidence.
4. Build a strong coding foundation: For C and C++, first year is your golden chance. Study your syllabus thoroughly and practice consistently. If you ignore coding fundamentals now, it can create unnecessary fear later.
5. Attendance, CIE, and TW matter: Attendance carries marks - do not ignore it. Regular attendance also improves understanding. Maintain strong performance in CIEs and ensure timely and proper TW submissions. Internal marks can significantly impact your overall CGPA.

Final Message to Juniors: Respect the syllabus - it is designed to build your foundation. Practice regularly. Don’t rely on rote learning, focus on truly understanding concepts. Start building your coding fundamentals in the first year itself. Branch upgrade is not just about CGPA - it was about clarity, consistency, and disciplined effort. No matter which branch you are in, the foundation you build in your first year shapes your confidence for the next three years.

TECHNICAL ARTICLES

FROM IDEA TO IMPACT: VIT CODE APEX HACKATHON 2025

- Abhishek Gore, Gargi Nemade, Aryan Kothawade



What begins as a simple idea can sometimes turn into something far greater than imagined. For Team DevStorm, the VIT Code Apex 24-hour Hackathon was not just a competition, it was a test of resilience, creativity, and belief.

When the hackathon was announced, we knew it would challenge us beyond our comfort zones. With hundreds of teams participating, the pressure was real. But so was our determination. We stepped in with a vision, to build something practical, impactful, and meaningful.

The problem we chose to tackle revolved around simplifying and automating ad analytics. Digital marketing agencies and clients often struggle with tracking performance, generating reports, and calculating commissions accurately. We wanted to change that. What followed was an intense 24-hour journey of brainstorming, designing, refining, and rebuilding.

As the hours passed, ideas evolved. Features were improved. Feedback pushed us to rethink and refine our approach. Sleep took a backseat as we focused on transforming our concept into a working solution. Every discussion made the system stronger. Every obstacle made the team more united.

Clearing the first round brought excitement. Advancing further strengthened our confidence. When we secured a place in the Top 40 out of 400+ teams, it was a moment of pride, not just for the achievement, but for the journey behind it.

The experience taught us lessons no classroom ever could: how to perform under pressure, how to communicate effectively as a team, how to accept feedback positively, and how to keep moving forward even when time feels insufficient. More than anything, it reinforced the power of collaboration and shared vision.

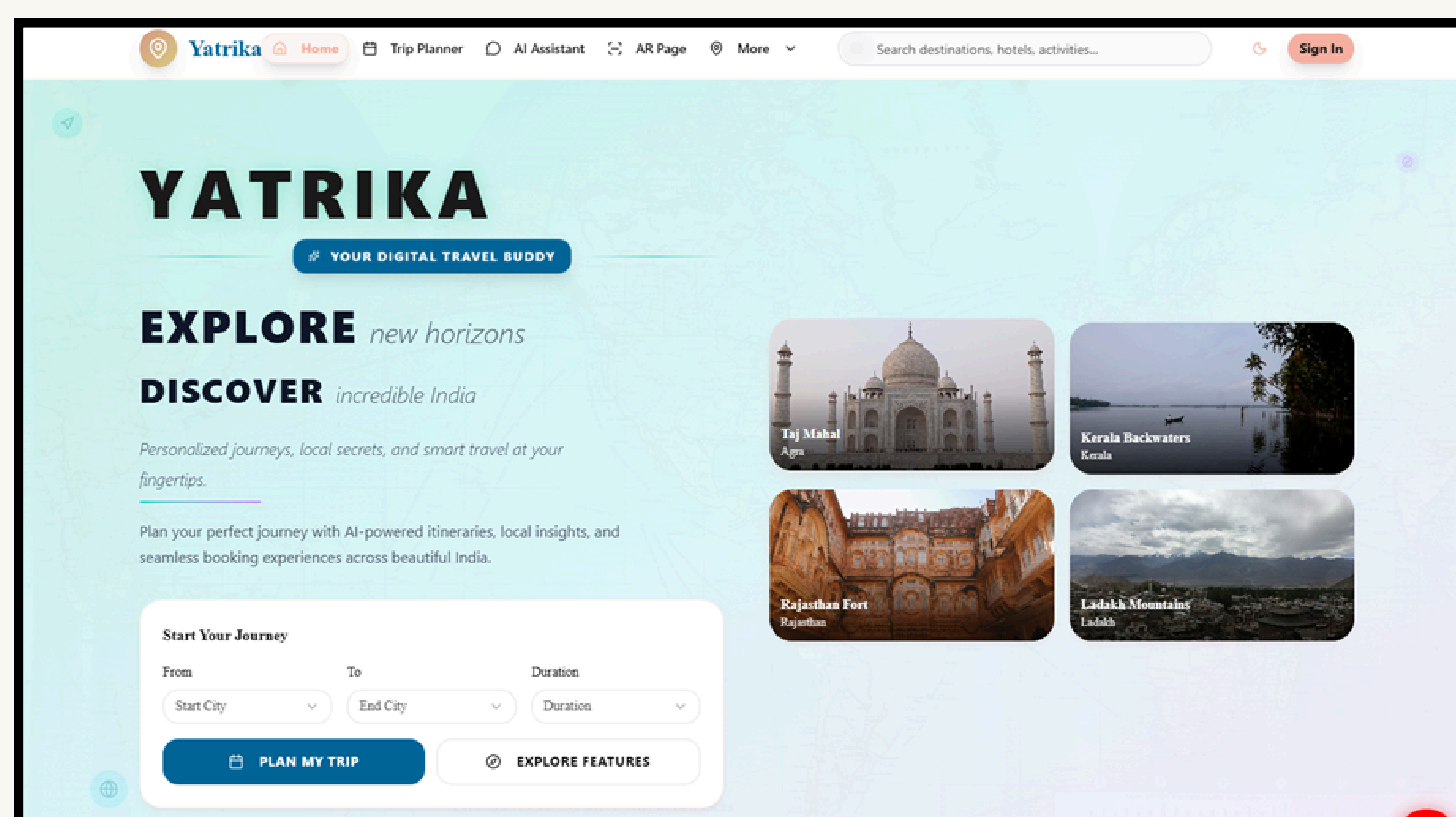
TECHNICAL ARTICLES

YATRIKA : A DIGITAL TRAVEL BUDDY

-Roshni Amrutkar, Siddhant Patil, Riddhi Goplani, Kavya mahimane

Yatrika Travel is an intelligent travel planning and decision-support platform developed as part of the Smart India Hackathon (SIH). The system was designed to address key limitations observed in existing travel applications, which primarily focus on booking services while lacking analytical capabilities for route optimization, safety evaluation, and cost forecasting. The project aims to transform conventional travel planning into a data-driven, intelligent decision-making process.

In the current digital travel ecosystem, users often rely on multiple disconnected platforms for transportation booking, accommodation management, itinerary planning, and expense tracking. This fragmented approach leads to inefficient scheduling, unexpected costs, and limited access to structured safety information. Yatrika Travel was conceptualized to provide a centralized and scalable solution that integrates analytics, optimization techniques, and predictive modeling within a unified system.



The development process included systematic data collection, preprocessing, normalization, and feature encoding to ensure model accuracy and reliability. The dataset was divided into training and testing subsets to validate predictive performance and generalization capability. Technical challenges such as incomplete datasets and dynamic data variability were addressed through preprocessing pipelines and modular system integration.

The innovative contribution of Yatrika Travel lies in shifting the focus from a booking-centric platform to an intelligence-driven travel ecosystem. By integrating route optimization, predictive analytics, personalization, and safety insights within a single framework, the system enhances travel efficiency and supports data-informed decision-making. The project's selection at the college level under SIH reflects its technical feasibility, structured implementation, and practical relevance.

In conclusion, Yatrika Travel demonstrates the effective application of data analytics and machine learning in solving real-world travel planning challenges. With future enhancements such as AI-powered conversational interfaces, multilingual support, and integration with public tourism data services, the platform has strong potential to evolve into a comprehensive intelligent travel assistant.