



TANTRADNYA

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DEPARTMENT OF INFORMATION TECHNOLOGY

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Editorial Team

Dr. Radhika Kotecha, Head of Department

Ms. Seema Yadav, Assistant Professor



**SOMAIYA
VIDYAVIHAR**

K J Somaiya Institute of Technology

An Autonomous Institute Permanently Affiliated to the University of Mumbai

DEPARTMENT OF INFORMATION TECHNOLOGY

Bootcamp on “Idea to Product to Patent” from December 5th to 20th, 2025

The Department of Information Technology, in association with the R&D Cell at K J Somaiya Institute of Technology, successfully organized an intensive 15-day Bootcamp on “**Idea to Product to Patent**” from December 5th to 20th, 2025.

No. of Participants: 33

Objective(s): The bootcamp provided SY and TY B.Tech. students with a structured pathway to:

- **Cultivate innovative ideas**
- Establish **novelty and inventive steps** in their proposed solutions
- Design, build, and test **functional IoT prototypes**, including 3D-printed components
- Gain hands-on exposure to **prior art search, claim drafting, and the patent filing process**

The bootcamp was conceptualized and led by the **HOD, Dr. Radhika Kotecha**, who, along with the faculty team Mrs. Sarita Rathod, Mrs. Priyanka Deshmukh, Mrs. Bhagyashree Ingle, Mrs. Reena Lokhare, Mrs. Nasim Shah, and Mrs. Trupti Patil, mentored the student teams through multiple focused sessions. The final session was graced by the **Principal, Dr. Vivek K. Sunnapwar; Dean R&D, Dr. Umesh Shinde; and alumni Mr. Sharvil Dandekar & Mr. Dhrumil Vora**, who provided valuable insights and encouragement.

Next steps include refining claims, strengthening experimental validation, and initiating **patent filings** for shortlisted innovations.

Glimpse of the Event:



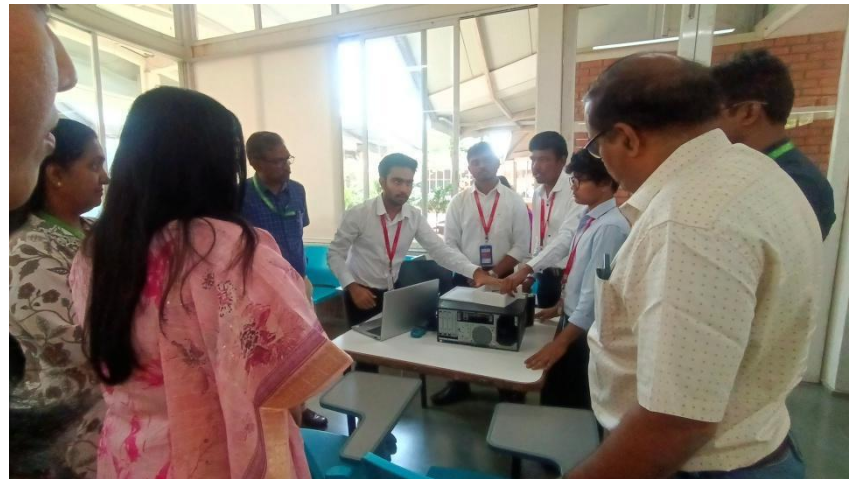






Image Glimpses: Bootcamp on “Idea to Product to Patent” from December 5th to 20th, 2025

Memorandum of Understanding (MoU) with the Western Region Load Despatch Centre (WRLDC) on September 30, 2025

K J Somaiya Institute of Technology (KJSIT) signed a Memorandum of Understanding (MoU) with the Western Region Load Despatch Centre (WRLDC) on September 30, 2025.

This vital partnership is set to drive collaboration in **joint R&D, student internships, and knowledge exchange** in power systems and management technologies, supporting **sustainable and SDG-aligned energy solutions**. The **Principal Dr. Vivek K. Sunnapwar, Head of IT Department, Dr. Radhika Kotecha, and T&P Officer Mr. Ghanshyam Phadke** were present for the MoU signing ceremony.

Glimpse of the Event:



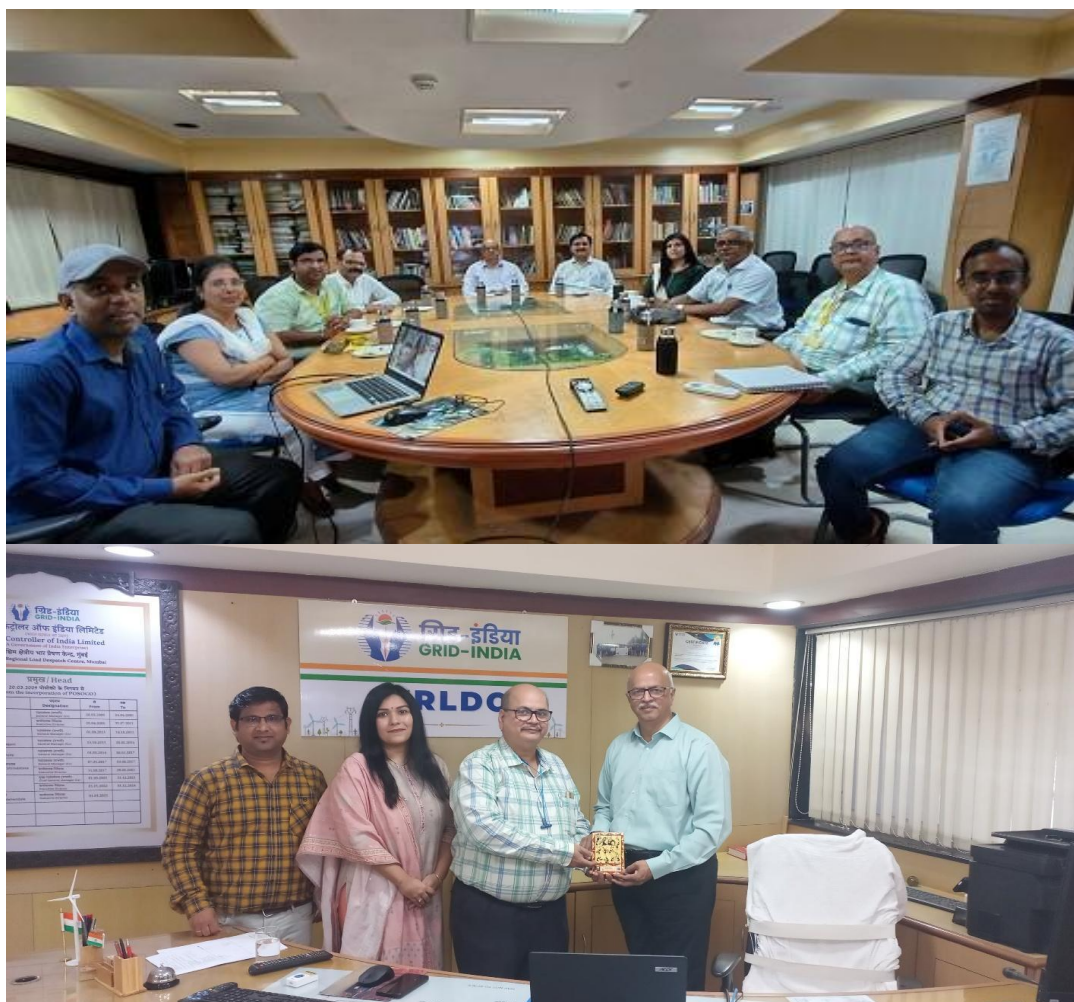


Image Glimpses: Memorandum of Understanding (MoU) with the Western Region Load Despatch Centre (WRLDC) on September 30, 2025

Orientation Seminar for First-Year's B.Tech. (IT) students organized on 12th September 2025

The Department of Information Technology at **K J Somaiya Institute of Technology (KJSIT)** has successfully hosted the **Orientation Seminar** for our newly admitted **First-Year's B.Tech. (Information Technology)** students, marking the beginning of their transformative academic journey at the Department of Information Technology.

Objective(s): The session was designed to provide an in-depth introduction to:

- Department Vision & Mission
- Academic Excellence and Best Practices
- Research & Development Initiative projects

- Industry-Aligned Curriculum
- Student Achievements & Campus Life
- Training & Placement Highlights
- Entrepreneurship & Innovation Ecosystem

Head of Department, Dr. Radhika Kotecha along with faculties walked the students through the values that define KJSIT, sharing success stories, cutting-edge developments, and the many opportunities that await them. The seminar also served as a platform to inspire our students to dream big, stay curious, and actively participate in the vibrant learning culture we are proud of.

Glimpse of the Event:





Image Glimpses: Orientation Seminar for First-Year's B.Tech. (IT) students organized on 12th September 2025

“Faculty Research Symposium (FRS)” by Department of Information Technology and R&D Cell on 10th October 2025, Coordinators: Dr. Radhika Kotecha and Dr. Umesh Shinde

The **Department of Information Technology**, in association with the **R&D Cell** successfully organized the **Faculty Research Symposium (FRS)** on October 10, 2025.

The symposium provided a common platform for faculty members to showcase their ongoing research, enhance awareness about each other’s work, exchange ideas, and explore possibilities for collaboration.

Glimpse of the Event:







Image Glimpses: “Faculty Research Symposium (FRS)” by Department of Information Technology and R&D Cell on 10th October 2025

Visit to IIST, VSSC & LPSC Trivandrum on

As an outcome of International Conference - ICETS 2025, R&D collaborations are initiated with **Indian Institute of Space Science and Technology (IIST), Vikram Sarabhai Space Centre (VSSC), & Liquid Propulsion Systems Centre (LPSC)**. The **Dean R&D, Dr. Umesh Shinde** and the **Head of IT Department Dr. Radhika Kotecha**, along with the team from K J Somaiya School of Engineering visited these institutes in Trivandrum with following objectives:

- (i) To gain exposure to advanced space research, engineering, and operations.
- (ii) To identify potential areas for AI applications in Space R&D.
- (iii) To explore avenues for collaborative research and student engagement.

Glimpse of the Event:



Image Glimpses: Visit to IIST,VSSC & LPSC Trivandrum on

Hackathon Code Odyssey 4.0 on 27th and 28th September, 2025

The Computer Society of India (CSI) of K J Somaiya Institute of Technology, Sion (An Autonomous Institute affiliated with the University of Mumbai) has organized an Institute-Level Offline Hackathon “Code Odyssey 4.0” for all students of our institutes.

Objective(s):

- to learn new technical skills.
- to get mentored by industry professionals.
- to learn team-building skills.

Venue: K J Somaiya Institute of Technology

No. of Participants: 100

Judges:

- 1. Raghu Reddy- Head – Technology & Innovation at Tata STRIVE**
- 2. Ameya Vanjari- Chief Operating Officer – TATA STRIVE**
- 3. Sanjay Kalrani - Partner – BFSI at Tata Consultancy Services (TCS)**
- 4. Dr. Mona Marathe – IT consultant & Architect**

Core members:

- 1. Ajitesh Gadwe, Associate Lead- Cyber Security Strategy Technology at Tata STRIVE**
- 2. Nidhi Pandey, Data Scientist**
- 3. Rahul Nimkar, ML Data Associate**

Mentors-

- 1. Chinmaya Sagar- Associate Lead Technology- TATA STRIVE**
- 2. Murali Adda – Lead – Core Platform & Operational Support_ TATA STRIVE**
- 3. Gaurav Gupta- Associate Lead – EDP_TATA STRIVE**
- 4. Sandhya Raj- Senior Developer-SAP**
- 5. Deepa Chanchlani- Developer- SAP**

Host – Jeffin Ani Johns- Specialist Talent Development – Tata Strive

Event Coordinator:

Mr. Uday Rote, CSI Convener

Dr. Nisha Vanjari, CSI Coordinator

Key Points:

The **Computer Society of India – KJSIT Chapter** successfully conducted the **4th edition of Code Odyssey**, a flagship hackathon, on **27th–28th September 2025**. Powered by **TATA Strive**, the event stood as a testament to innovation, collaboration, and technical excellence. Over a span of **30 continuous hours**, participants transformed ideas into impactful prototypes, making the event a grand success.

This year's edition revolved around the theme of **Artificial Intelligence and Machine Learning (AI/ML)**. A total of **20 enthusiastic teams**, each comprising up to five members, registered and took on the challenge of solving real-world problems through technology. The hackathon provided them with an opportunity to innovate beyond the classroom, compete with peers, and receive mentorship from experts.

Outcome(s):

Code Odyssey 4.0 provided a dynamic platform for participating teams to explore and implement cutting-edge technologies and frameworks, driving innovation and entrepreneurial thinking. Teams honed crucial skills such as decision-making, time management, communication, and presentation. Each team was paired with a dedicated mentor, offering personalized guidance and valuable insights to help refine their projects. Alongside expert mentoring, the event's impressive hospitality created a supportive and welcoming environment. This combination of mentorship and excellent hospitality made the experience both enriching and enjoyable, equipping participants with practical knowledge and essential competencies for their future careers.

Prizes Worth: 65,000+

Registration Fees: Free

Winners: -

Position	Team Name	Name
Winner	KnowWiz	Pranav Narkhede
		Aniruddh Sengupta
		Adrita Banerjee
		Manav Gopinath
		Divyansh Singh
Runner-Up	Code squad	Jatin Tomar
		Vyom Thaker
		Swati Verma
		Hitansh Gopani
		Ritika Jain
2nd Runner-Up	Ctrl alt delete	Vivek Masuna
		Shubham Darji
		Aryan Yadav
		Titiksha Bhavsar
		Rohit Gupta

Glimpse of the Event:



Inauguration of CO4



Participating Teams presenting their projects to the Judges



Winner Team 'KnowWiz'



Runners-up Team 'Code Squad'



Second Runner-up Team 'Ctrl Alt Delete'

Image Glimpses: Hackathon Code Odyssey 4.0 on 27th and 28th September, 2025

Webinar on “Protecting Intellectual Property Rights (IPRs)” Organized on July 28, 2025

The K J Somaiya Institute of Technology’s Department of Information Technology in collaboration with IIC organized a webinar on “***Protecting Intellectual Property Rights (IPRs)***” on ***28th July, 2025*** at 10.40 AM for SY students. Mrs. Nasim Banu Shah, Innovation Ambassador & Assistant Professor has conducted the workshop.

Venue: CR-14

Participants: 60 SY.B.Tech students

Objectives:

- To create awareness among participants about the concept and significance of Intellectual Property Rights (IPRs).
- To explain the different types of IPRs and their role in innovation and research.
- To provide insights on patent filing procedures in India and the types of patent applications.
- To encourage participants to protect their innovative ideas through proper IP management.

The webinar aimed at spreading awareness about the importance of intellectual property in innovation and research. The session began with an introduction to Intellectual Property Rights, highlighting their role in safeguarding creativity and innovation. Participants were familiarized with the necessity of IP protection in order to prevent misuse, ensure recognition, and encourage further research and development. The webinar elaborated on various types of IPRs such as patents, copyrights, trademarks, and designs, emphasizing their application in diverse domains. Special attention was given to patent identification, management, and the process of filing patent applications in India. The different types of patent applications available in India were also discussed, giving participants clarity on how to protect their work.

Outcomes:

- Participants gained a clear understanding of Intellectual Property Rights and their importance.

- Awareness about different types of IPRs and their applications was enhanced.
- Knowledge of patent filing processes and types of applications in India was imparted.
- Participants were motivated to identify and protect their innovative ideas through proper IP mechanisms.

The webinar was informative and successful in providing practical knowledge and motivated participants to value and safeguard their intellectual contributions.

Glimpse of the Event:



Image Glimpses: Webinar on “Protecting Intellectual Property Rights (IPRs)” Organized on July 28, 2025

Expert Talk on “Exploring AI-Based Research in Agriculture” organized on 6th October 2025

The **Department of Information Technology** successfully organized an Expert **Talk** titled “**Exploring AI-Based Research in Agriculture**” on **Monday, 6th October 2025**, by Keynote Speaker, **Mr. Harshal Sonawane** from **10:30 AM to 12:30 PM**, for the benefit of students and faculty members.

The expert talk session focused on introducing the role of **Artificial Intelligence (AI)** in transforming modern agricultural research and practices. It emphasized the growing importance of AI-driven solutions in addressing challenges related to productivity, sustainability, and data-driven decision-making in agriculture.

Event Coordinator: Dr. Radhika Kotecha, Prof. Priyanka Deshmukh

Objectives:

- To introduce participants to the fundamental concepts and applications of Artificial Intelligence in modern agricultural research.
- To explore how AI technologies can enhance agricultural research and decision-making, thereby promoting sustainable farming practices.

The workshop covered the following key areas:

- AI-based crop monitoring and yield prediction
- Predictive analytics for weather and soil analysis
- Smart irrigation systems
- AI-enabled pest and disease detection

Practical examples and research case studies were discussed to enhance participants’ understanding of AI applications in agriculture.

Outcomes:

- Enhanced understanding of AI applications in agricultural research
- Awareness of sustainable and data-driven farming practices
- Motivation to undertake AI-based interdisciplinary research projects

- Strengthened research culture among students and faculty

Conclusion: The expert talk session “Exploring AI-Based Research in Agriculture” was successfully conducted and met its stated objectives. It provided valuable exposure to emerging AI-driven agricultural research and encouraged innovation and research-oriented thinking.

Glimpse of the Event:





Image Glimpses: Expert Talk on “Exploring AI-Based Research in Agriculture” Organized on 6th October 2025

Expert Talk On “Customer Segment and Market Opportunity for Startups” organized on 12th October 2025

The **Department of Information Technology** successfully organized a **Expert Talk** titled **“Customer Segment and Market Opportunity for Startups”** on **Sunday, 12th October 2025**, from **11:30 AM to 12:30 PM**, for the benefit of students and faculty members.

Prof. Deepali Maste stressed the importance of customer segmentation and market analysis for startup success, particularly for new entrepreneurs with limited resources. She emphasized the need for a tailored approach to identify specific target markets for better traction and customer loyalty.

Event Coordinator: Prof.Divya Gajangi, Dr. Reshma Rasal

Objectives:

- To develop strategic choices between different customer segments for a given startup idea.
- To understand types of customer segmentation, including demographic, psychographic, geographic, and behavioral methods.
- To formulate hypotheses about customer problems and potential solutions using tools like the Value Proposition Canvas.
- To identify and prioritize the most valuable and relevant customer segments based on their potential for growth and profitability.
- To equip participants with practical insights on how to start a business and navigate the application process for relevant support systems.

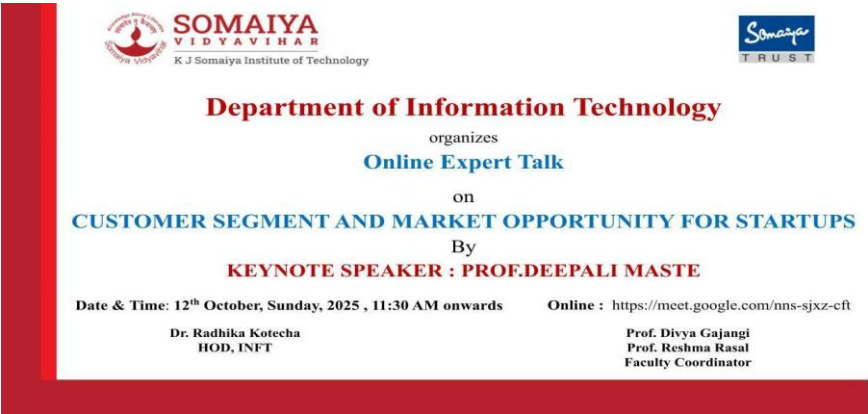
Outcome and Feedback:

- Identified segmentation criteria and a rough draft for an action plan to support a segmentation strategy.

- Enhanced entrepreneurial and decision-making skills, enabling participants to develop effective marketing plans and make informed business choices.
- Detailed customer profiles or personas for key segments, including their motivations, buying behaviors, and preferences.
- Knowledge of key sales and marketing strategies for startups, enhancing participants' ability to scale their businesses effectively.

Conclusion: The expert talk on "Customer Segment and Market Opportunity for Startups" successfully achieved its objective of equipping participants with the knowledge and tools needed to strategically identify and target their customer base.

Glimpse of the Event:



SOMAIYA VIDYAVIHAR
K. J. Somaiya Institute of Technology

SOMAIYA TRUST

Department of Information Technology
organizes
Online Expert Talk
on
CUSTOMER SEGMENT AND MARKET OPPORTUNITY FOR STARTUPS
By
KEYNOTE SPEAKER : PROF. DEEPA MASTE

Date & Time: 12th October, Sunday, 2025, 11:30 AM onwards
Online : <https://meet.google.com/nns-sjxz-cft>

Dr. Radhika Kotecha
HOD, INFT

Prof. Divya Gajangi
Prof. Reshma Rasal
Faculty Coordinator

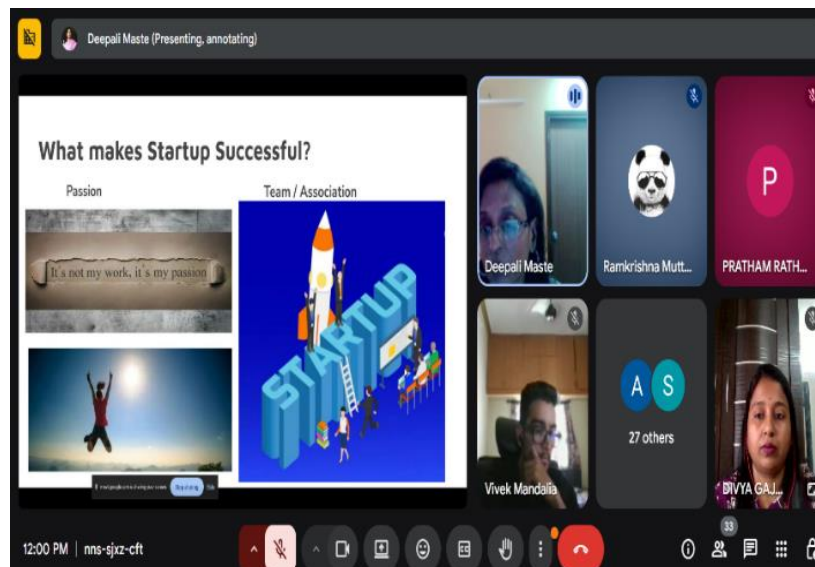
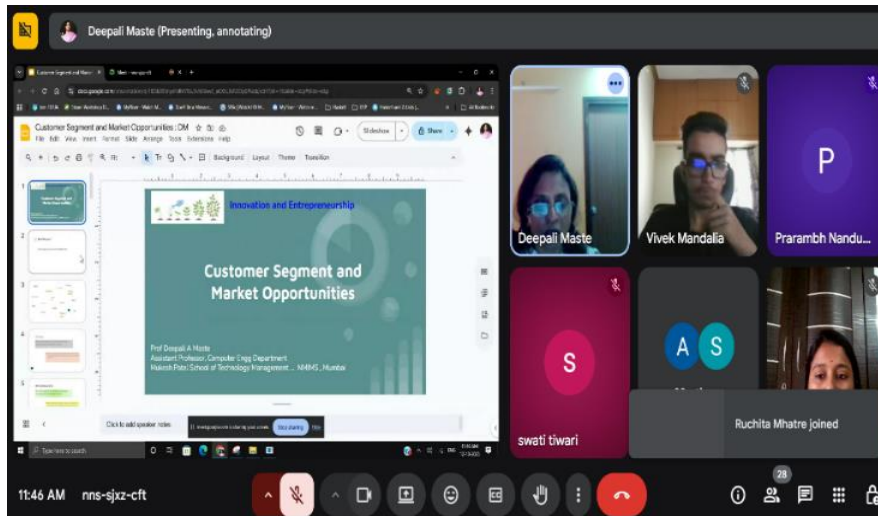


Image Glimpses: Expert Talk on “Customer Segment and Market Opportunity for Startups” organized on 12th October 2025

Expert Talk On “Analyzing Software Quality through Testing Techniques” organized on 12th October 2025

The **Department of Information Technology** of K. J. Somaiya Institute of Technology (KJSIT) successfully organized a **Expert Talk** titled “**Analyzing Software Quality through Testing Techniques**” by Keynote Speaker, Mr. Shashankit Thakur on **Sunday, 12th October 2025**, from **19:45 PM onwards**, for the benefit of SY B.Tech students and faculty members.

No. of Participants: 125

Venue/Mode: Online Mode

Event Coordinator(s): Dr. Seema Yadav, Dr. Reshma Rasal, Mrs. Divya Gajangi

Objective:

To enhance students' understanding of software testing concepts, methodologies, and tools, and to analyze how testing ensures the quality and reliability of software solutions in real-world applications.

Key Points:

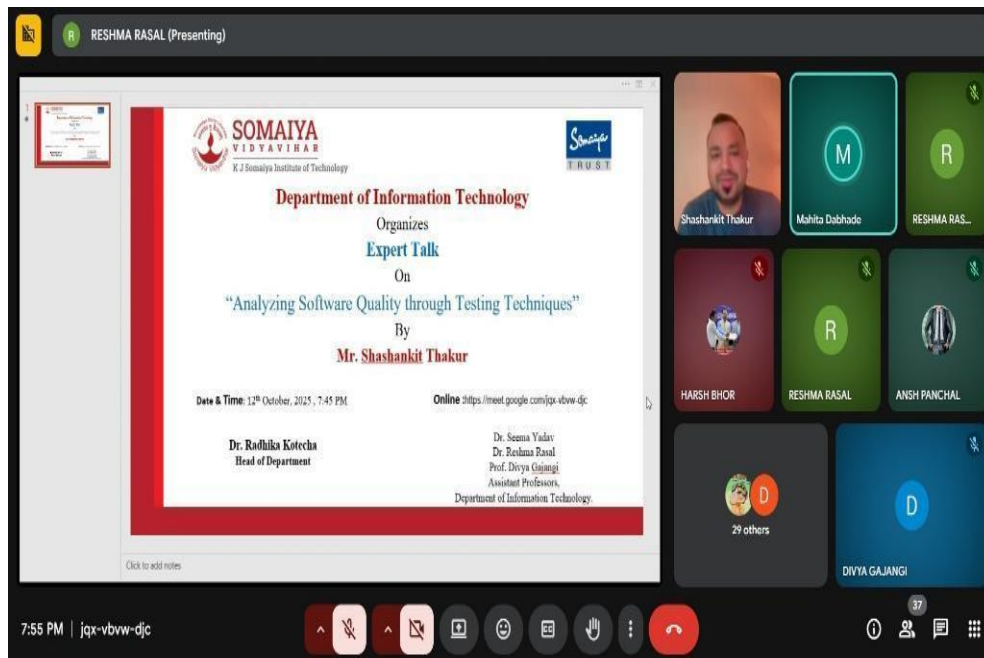
- Mr. Shashankit Thakur explained the importance of software testing in ensuring quality, reliability, and efficiency of software products.
- The session covered key concepts such as unit testing, functional testing, manual and automated testing techniques.
- Mr. Thakur also discussed various testing methodologies and tools used in the software industry.
- Students gained valuable insights into real-world testing practices and their role in improving software performance.
- The session was highly interactive and informative, enhancing students understanding of software quality assurance.

Outcome(s):

- The expert talk on Analyzing Software Quality through Testing Techniques helped students gain a deeper understanding of various software testing methodologies, including unit, functional, manual, and automated testing.
- Participants learned how testing ensures software reliability, performance, and user satisfaction.
- The session also emphasized the importance of test planning, execution, and defect management in maintaining software quality.
- Real-world examples and hands on practice shared by the expert enhanced student's practical

knowledge. Overall, the session proved highly informative, interactive, and beneficial for all attendees.

Glimpse of the Event:



Shashankit Thakur (Presenting)

CI-Continuous Integration
CD-Continuous Deployment

XYZ
 ->Main
 ->Develop->FeatureC and Feature D+Feature A+Feature B

Feature C and D+FeatureA-Dev1
FeatureB-Dev2

XYZ
 ->Main->Feature A+B+C+D-----Software Testing, SonarQube, (Quality Gate)->Dev Server
 ->Develop->Feature A+B+C+D

Dev server-Devs
Test server-QE
Prod server-For end users

SEEMA... Shashankit Thakur RESHM...

Mahita Dabha... Mohain jasad... RESHMA RASAL

24 others

DIYTA G JANGI

Shashankit Thakur (Presenting)

CI-Continuous Integration
CD-Continuous Deployment

XYZ
 ->Main
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SEEMA... Shashankit Thakur RESHM...

Mahita Dabha... Mohain jasad... RESHMA RASAL

24 others

DIYTA G JANGI

8:57 PM | jax-vbvw-djc

Image Glimpses: Expert Talk on “Analyzing Software Quality through Testing Techniques” organized on 12th October 2025

***Expert Talk On “Emerging Trends and Future Directions in Cyber Security” organized
on 14th September 2025***

The **Department of Information Technology** successfully organized an Expert talk titled **“Emerging Trends and Future Directions in Cyber Security”** on **Sunday, 14th September 2025**, from **10:30 AM to 12:30 PM**, for the benefit of students.

This session helped in enhancing understanding of emerging trends and future directions in cyber security by bridging the gap between theoretical knowledge and real-world practices. As cyber threats evolve rapidly, expert insights help learners and professionals stay updated with current challenges, advanced technologies, and industry best practices.

Objectives:

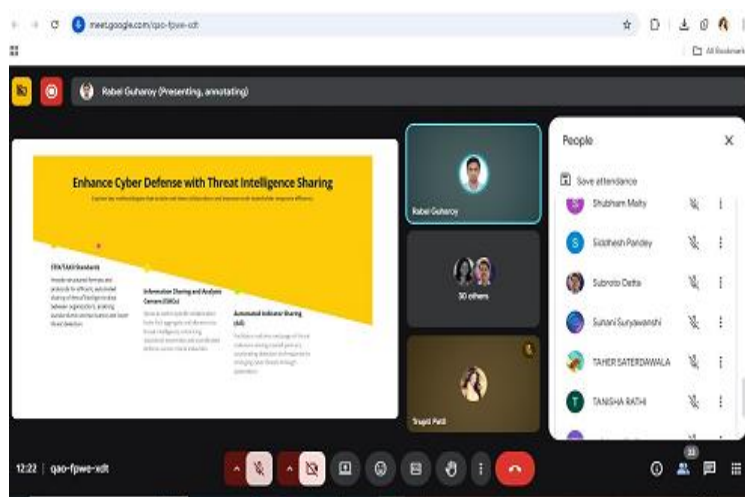
- To provide awareness of emerging cyber security trends such as Artificial Intelligence–driven security, Zero Trust Architecture, cloud security, and IoT security.
- To understand evolving cyber threats and attack techniques, including ransomware, phishing, advanced persistent threats, and supply chain attacks.
- To explore future directions in cyber security technologies, including automation, post-quantum cryptography, and self-healing security systems.
- To bridge the gap between academic knowledge and industry practices through real-world case studies and expert experiences.
- To familiarize participants with current cyber security frameworks, standards, and regulatory requirements followed by industry.
- To encourage ethical awareness and responsible cyber practices in securing digital assets and protecting user privacy.

Outcomes:

- Enhanced Awareness of Modern Cyber Threats
- Understanding of Emerging Cyber Security Technologies
- Improved Knowledge of Future Cyber Security Directions

- Industry-Oriented Learning Experience
- Increased Preparedness for Cyber Incidents
- Awareness of Cyber Security Standards and Ethics

Conclusion: The expert talk on “Emerging Trends and Future Directions in Cyber Security” was successfully conducted and met its stated objectives. The expert talk helps in understanding emerging trends and future directions in cyber security is vital. It enhances technical knowledge, builds awareness of evolving threats, provides industry relevance, and prepares individuals to face future cyber challenges with confidence.



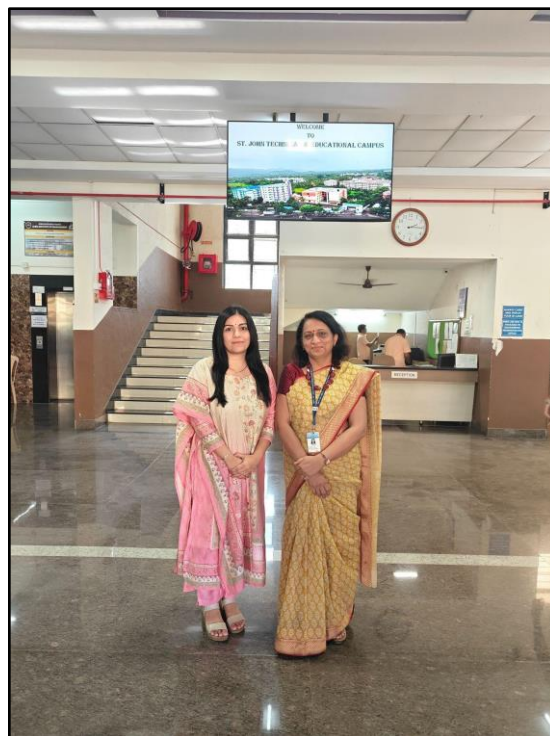
*Image Glimpses: Expert Talk on “Emerging Trends and Future Directions in Cyber Security”
organized on 14th September 2025*

Faculty Activities and Achievements

- **Dr. Radhika Kotecha** participated in the **NBA Awareness Workshop on Outcome-Based Education and Accreditation** jointly organized by Directorate of Technical Education, Govt. of Maharashtra and the University of Mumbai on November 24, 2025 at Sir Cowasjee Jehangir Convocation Hall, University of Mumbai, Mumbai.



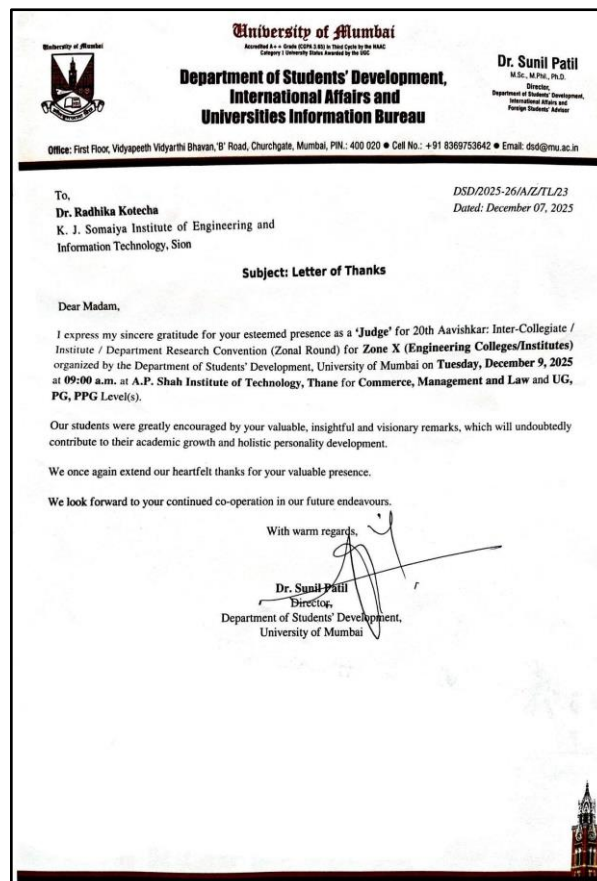
- **Dr. Radhika Kotecha** was invited to **St. John Technical and Educational Campus, Palghar**, as an Expert Reviewer on December 10, 2025, to evaluate and provide insights on faculty R&D initiatives. The review session focused on improving research quality, assessing PhD scholar progress, encouraging interdisciplinary collaboration, and aligning faculty research with funding opportunities and contemporary technological advancements.



- **Dr. Radhika Kotecha** completed the **Generative AI Fluency** training program and ATAL FDP under **FutureSkills Prime**, aligned with competency standards by **NASSCOM IT-ITeS SSC** from November 17-22, 2025.



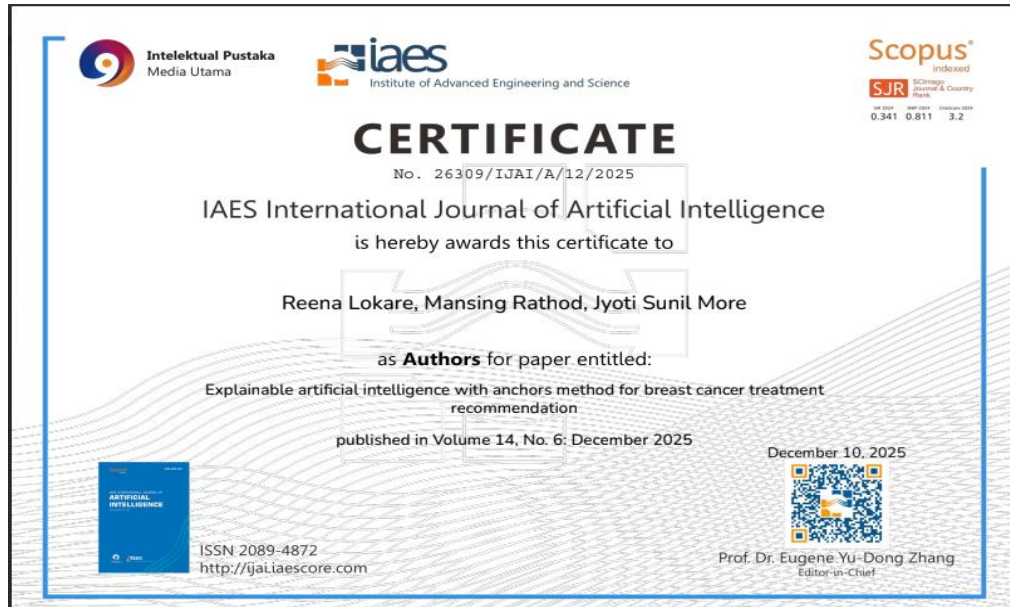
- **Dr. Radhika Kotecha** served as the **Judge** for **20th Aavishkar: Inter-Collegiate / Institute / Department Research Convention (Zonal Round)** on December 04, 2025 and December 09, 2025.



- **Dr. Radhika Kotecha** participated & completed **AICTE Training and Learning (ATAL) Academy FDP** on Next Gen AI and LLMs: Transforming Pedagogy and Research at National Institute of Technical Teachers' Training and Research from November 10-15, 2025.



- Dr. Hariram Chavan served as the Session Chair for the International Conference on Interdisciplinary Research in Science, Engineering, and Technology (ICIRSET-2025), organized by Shah and Anchor Kutchhi Engineering College, Mumbai, held on November 1st and 2nd, 2025.
- Dr. Reena Lokare and Dr. Mansing Rathod has published paper on “A study of explainable AI and anchor method for the prediction and recommendation of breast cancer treatment-an explainable approach”, (IAES) International Journal of Artificial Intelligence (IJ-AI), Vol.14, Issue.6, ISSN/e-ISSN 2089-4872/2252-8938, <http://doi.org/10.11591/ijai.v14.i6.pp4494-4501>.



- Dr. Mansing Rathod has successfully completed the ATAL Online 6-Day Faculty Development Programme (FDP) on "Climate-Responsive Design and Sustainable Energy Systems in Civil Engineering," held from October 20 to 25, 2025, University of Visvesvaraya College of Engineering, Bangalore.



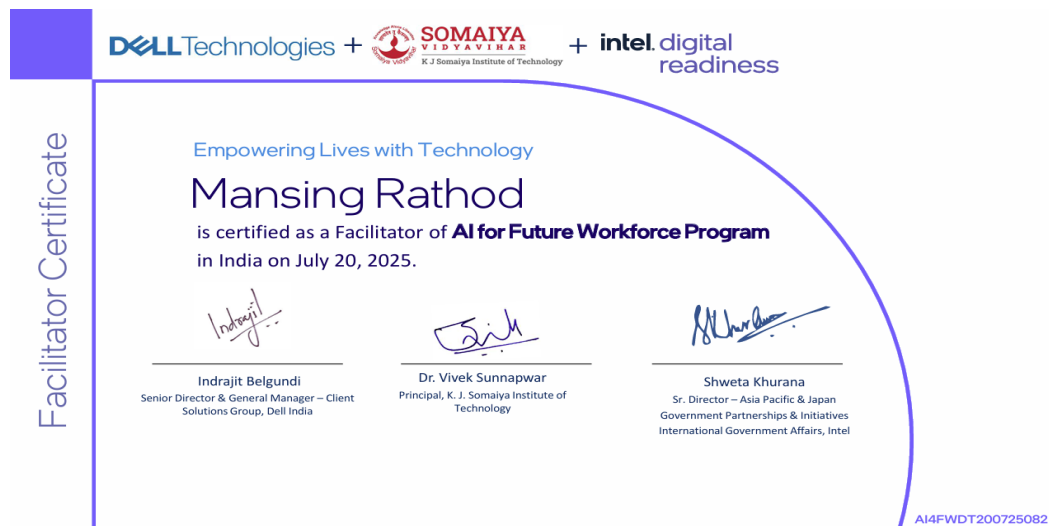
- Dr. Mansing Rathod has Successful completion of the ATAL Online 6-Day Faculty Development Programme (FDP) on " Disaster Management and Resilient Infrastructure (Strategies, Technologies and Innovations) at CHALAPATHI INSTITUTE OF TECHNOLOGY from 10/11/2025 to 15/11/2025, Andhra Pradesh.



- Dr. Mansing Rathod has Successful completion of the ATAL Online 6-Day Faculty Development Programme (FDP) on " Shaping the Future of Manufacturing with 3D Printing Techniques at SARDAR PATEL COLLEGE OF ENGINEERING, Mumbai from 01/12/2025 to 06/12/2025.



- Dr. Mansing Rathod served as a session chair for the 7th International Conference on Advances in Science and Technology (ICAST 2024-25), held online on June 20-21, 2025, organized by K. J. Somaiya Institute of Technology, Sion.
- Dr. Mansing Rathod has successfully completed a one week certification course on **AI for Future Workforce Program** from July 23 to 1 August 2025 , Dell Technologies intel digital readiness company in India.



- Dr. Vijaya Pinjarkar presented paper on Blockchain-Powered Framework for Secure Tamper-Proof and Decentralized Communication in Social Media Platforms at Hinweis Fourth International Conference on Networking, Communication and Computing Technology (NCCT), Ooty on October 25-26, 2025.



- Dr. Harsh Bhor published the research paper titled “Secure IoT-Integrated Cloud-Based Medical Image Processing Using Optimized Stereoscopic Scalable Quantum CNN for Efficient Diagnosis” in the International Journal of Image and Graphics (World Scientific Publishing), Volume 25, Issue 4, September 2025, ISSN 1793-6756. The paper is indexed in SCI.
- Dr. Harsh N. Bhor served as a Presenter at the Faculty Research Symposium held on September 10, 2025, conducted offline at K. J. Somaiya Institute of Technology (KJSIT), Sion, Mumbai.
- Dr. Harsh N. Bhor served as a Session Chair at the 1st International Conference on Lifespan Innovation (ICLI 2025) held on June 12, 2025, at Payap University, Chiang Mai, Thailand.
- Dr. Harsh N. Bhor chaired a session at the International Conference on Computing and Communication Networks (ICCCNet-2025) on August 2, 2025, organized by Manchester Metropolitan University, Manchester, UK.
- Dr. Harsh N. Bhor served as a Session Chair for the International Conference on Emerging Technologies for Sustainable Development (ICETS 2025), conducted on June 26–27, 2025, at K. J. Somaiya Institute of Technology (KJSIT), Mumbai.
- Dr. Seema Yadav published the research paper titled “CSRBoost: Clustered Sampling With Resampling Boosting for Imbalanced Dataset Pattern Classification” in IEEE Access on September 2025 Volume 13 ISSN No.175078 - 175093.
- Dr. Seema Yadav delivered Expert talk on ““From Siri to ChatGPT: How NLP Powers Virtual Assistants” on 4th October,2025 at Vasantdada Patil Pratishthan's College of Engineering and Visual Arts, Mumbai.
- Dr. Reena Lokare presented a paper in the International Conference on Future Technologies (ICFT2025) held on 7th & 8th November 2025 at Walchand College of Engineering, Sangli.



- Dr. Reena Lokare attended a day FDP for Educators organized by Ramkrishana Mission, Khar, Mumbai, on 20th November 2025.



- Dr. Reena Lokare attended a one-week FDP on “Empowering Educators: A Deep Dive into Artificial Intelligence for Teaching, Research & Innovation at Vidya Vikas Institute of Engineering & Technology from 8th December 2025 to 13th December 2025.



- Mrs. Nasim Shah ATAL FDP on “Empowering Autonomous Intelligence through Agentic AI and Goal-Based Systems” in online mode during November 24-29, 2025 at National Institute of Technical Teachers Training and Research.



- Mrs. Nasim Shah ATAL FDP on “ATAL FDP on Leveraging Generative AI and Machine Learning in Data-Driven Research” in online mode during Dcember 01-06, 2025 at SVKM's Narsee Monjee Institute of Management Studies.



- Mrs. Nasim Shah awarded with “Outstanding Excellence for Illustrious Student and an Iconic Role Model for Society” on December 13, 2025 at Educational Uplift Society, National Urdu High School, Technical High School and Junior College, Kalyan.



- Mrs. Nasim Shah was invited as Guest of Honour for prize distribution ceremony of S.S.C. and H.S.C of meritorious students on December 13, 2025 at National Urdu High School, Tech. High School & Junior college, Recognized by Government of Maharashtra, Kalyan.
- Mrs. Sarita Rathod ATAL FDP on “ATAL FDP on Leveraging Generative AI and Machine Learning in Data-Driven Research” in online mode during December 01-06, 2025 at SVKM's Narsee Monjee Institute of Management Studies.



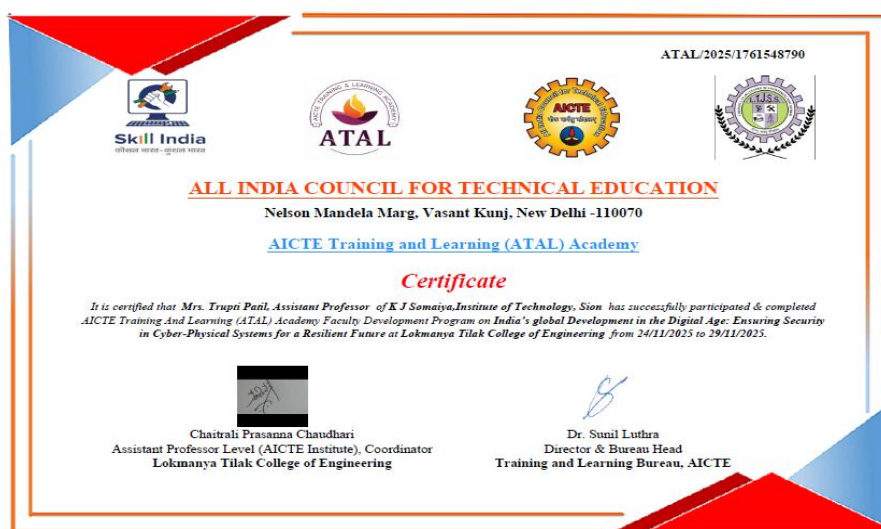
- Mrs. Sarita Rathod ATAL FDP on “Generative AI Fluency” in online mode during November 17-22, 2025 by Nasscom.



- The image shows a certificate of appreciation from the AICTE Training and Learning (ATAL) Academy. The certificate is dated 24/12/2025 to 30/12/2025. It is signed by Dr. Sunil Luthra, Director & Bureau Head, Training and Learning Bureau, AICTE. The certificate is for Miss Priyanka Deshmukh, Assistant Professor of KJSIT, who has successfully participated and completed the AICTE Training and Learning (ATAL) Academy Faculty Development Program on Emerging Research Trends in Supercomputing, AI, and Data Science at Amity University Rajasthan.

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- Ramakrishna Mission**
(Swami Vivekananda Chowk, 12th Road, Khar (W), Mumbai 400052)
- CERTIFICATE**
Of Participation
- This certificate is proudly presented to:
- Mrs. Priyanka Deshmukh**
- KJ Somaiya Institute of Technology, Mumbai**
- For Participation in***
FACULTY DEVELOPMENT PROGRAM FOR EDUCATORS
- on***
Thursday, 20th November 2025
- Sw. Satyadevananda**
(Swami Satyadevananda)
Secretary

- Ms. Priyanka Deshmukh published the research paper titled “An AI-Driven Multimodal Framework for Language-Inclusive STEM Education in Indic Languages” in the International Journal of Information Technology (Springer), Volume 17, Issue 9, December 2025. The paper is indexed in Springer.
- Trupti Patil participated and completed AICTE Training And Learning (ATAL) Academy FDP on “India’s Global Development in the Digital Age: Ensuring Security in Cyber Physical Systems for a Resilient Future” at LT College of Engineering from 24/11/2025 to 29/11/2025.



- Trupti Patil attended a day FDP for Educators organized by Ramkrishana Mission, Khar, Mumbai, on 20th November 2025.



- Trupti Patil attended the IIC Regional Meet 2025 at D J Danghavi College of Engineering on 2nd December 2025.



- Ms. Bhagyashree Ingle presented her research paper titled “Random Number Generators in Cryptography and Simulation: Comparative Analysis of TRNG and PRNG Designs” at the 3rd International Conference on Computational Intelligence and Network Systems (CINS 2025) organized by the Department of Computer Science, BITS Pilani, Dubai Campus, and held during November 25–26, 2025.



- Dr. Reshma Rasal participated and completed AICTE Training And Learning (ATAL) Academy FDP on "AI for Industry 4.0" Bridging Academia and Industry Applications".



- Dr. Reshma Rasal participated and completed AICTE Training And Learning (ATAL) Academy FDP on "Exploratory Data Analytics (EDA)-Tools and Techniques".



- Divya Gajangi participated and completed ATAL FDP on on Agentic AI: Designing Autonomous and Responsible System organized by Atharva College of Engineering from 17/11/2025 To 22/11/2025.



- Divya Gajangi participated and completed ATAL FDP on Geospatial Data Analytics: A fusion of spatial science and AI organized by A. P. SHAH INSTITUTE OF TECHNOLOGY

from 24/11/2025 to 29/11/2025.



- Divya Gajangi has completed the Innovation Ambassador training at the "Foundation Level" (comprising a total of 16 sessions, each lasting 30 hours), which was conducted online by the Ministry of Education's Innovation Cell and the All India Council for Technical Education during the IIC calendar year 2024-25.



- Divya Gajangi participated in the ISTE approved One week Online short term training

program (STTP) on “Agenetic AI : Build, Deploy and Secure” organized by Department of Computer Engineering, Fr. Conceicao Rodrigues college of Engineering from 1/12/2025 to 6/12/2025.



- Divya Gajangi attended the IIC Regional Meet 2025 at D J Danghavi College of Engineering on 2nd December 2025.



- Harsha Patil attended ATAL FDP on Geospatial Data Analytics: A fusion of spatial science and AI organized by A. P. SHAH INSTITUTE OF TECHNOLOGY from 24/11/2025 to 29/11/2025.



- Ms. Harsha Patil attended ATAL FDP on Generative AI Fluency at nasscom from 01/12/2025 to 06/12/2025.



- Ms. Harsha Patil attended ISTE approved one week STTP on “Agentic AI:Build,Deploy and Secure” organized by the Department of Computer Engineering, Fr.Conceicao Rodrigues College of Engineering,Mumbai from 1St December to 6th December 2025.



- Shabana Ansari attended ATAL FDP on Geospatial Data Analytics: A fusion of spatial science and AI organized by A. P. SHAH INSTITUTE OF TECHNOLOGY from 24/11/2025 to 29/11/2025.

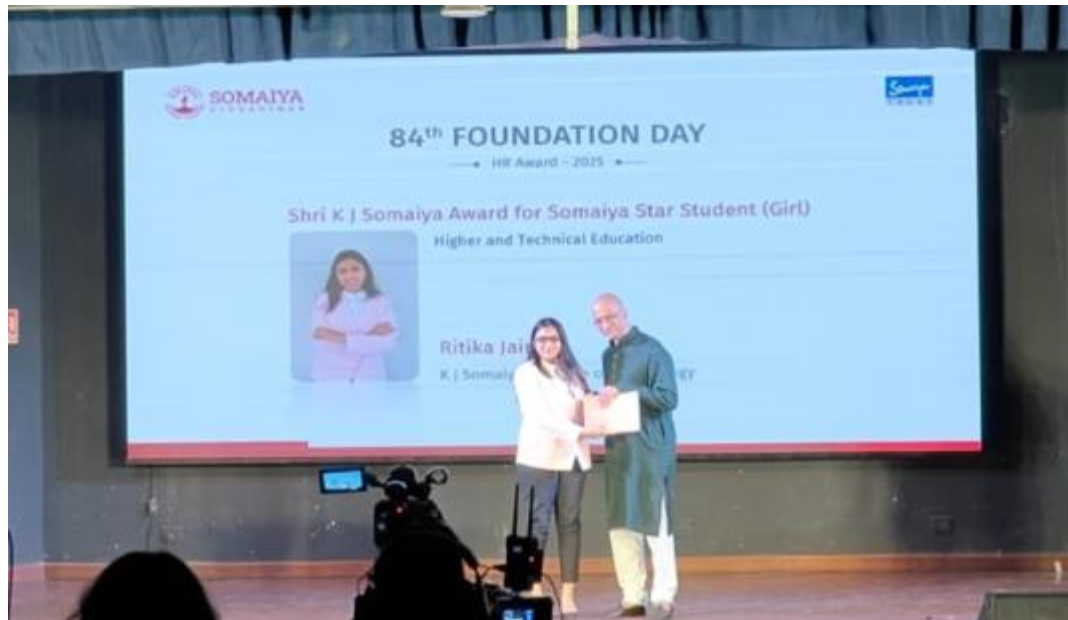


- Ms. Shabana Ansari attended FDP on Agentic AI Deploy and Secure organized by Fr. Conceicao Rodrigues College of Engineering from 01/12/2025 to 06/12/2025.



Students Achievements

- Student from Department of Information Technology Ritika Jain awarded as “Somaiya Star Student” in Somaiya Star Student Girl - Higher and Technical Education category in 84th Foundation Day - Somaiya Vidyavihar on December 01, 2025



Somaiya Vidyavihar Awards 2025

Shri K.J Somaiya Award for
Somaiya Star Student (Girl) - Higher and Technical Education

presented to

Ritika Jain

K.J Somaiya Institute of Technology

for the academic year 2024 - 2025

on the occasion of Somaiya Vidyavihar's 84th Foundation Day
1st December, 2025



न मानुषात् परो धर्मः।

There is no religion greater than service to Humanity

Padmabhushan

Shri Karamshibhai J. Somaiya
1902-1999

Samir Somaiya
President

Lt Gen H S Kahlon
Secretary



SOMAIYA
VIDYAVIHAR

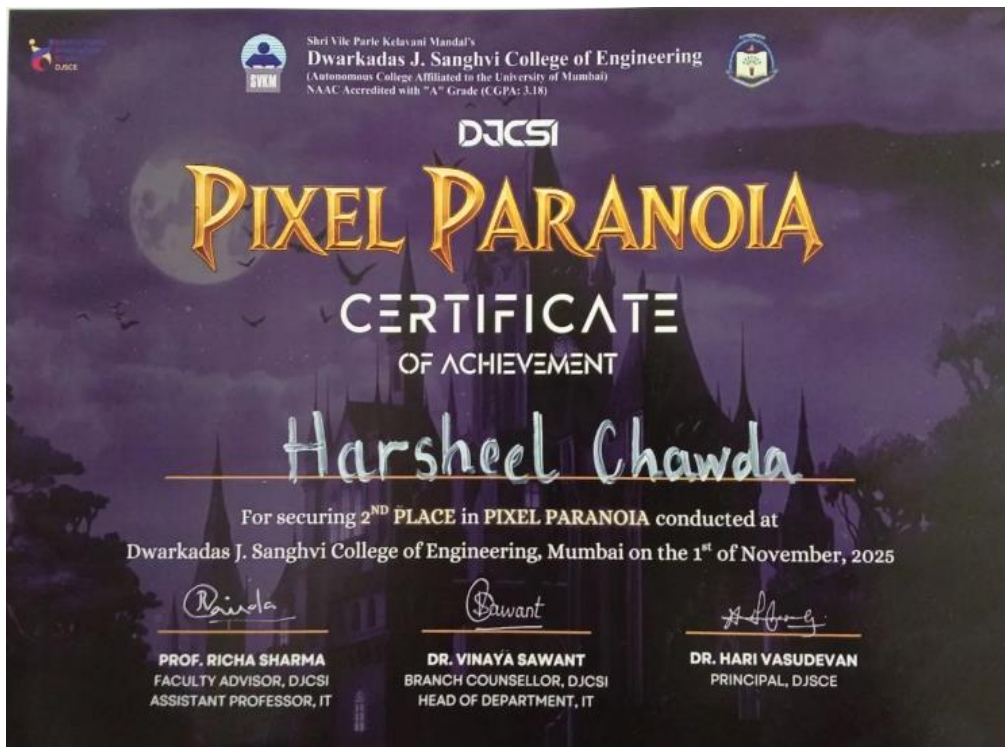


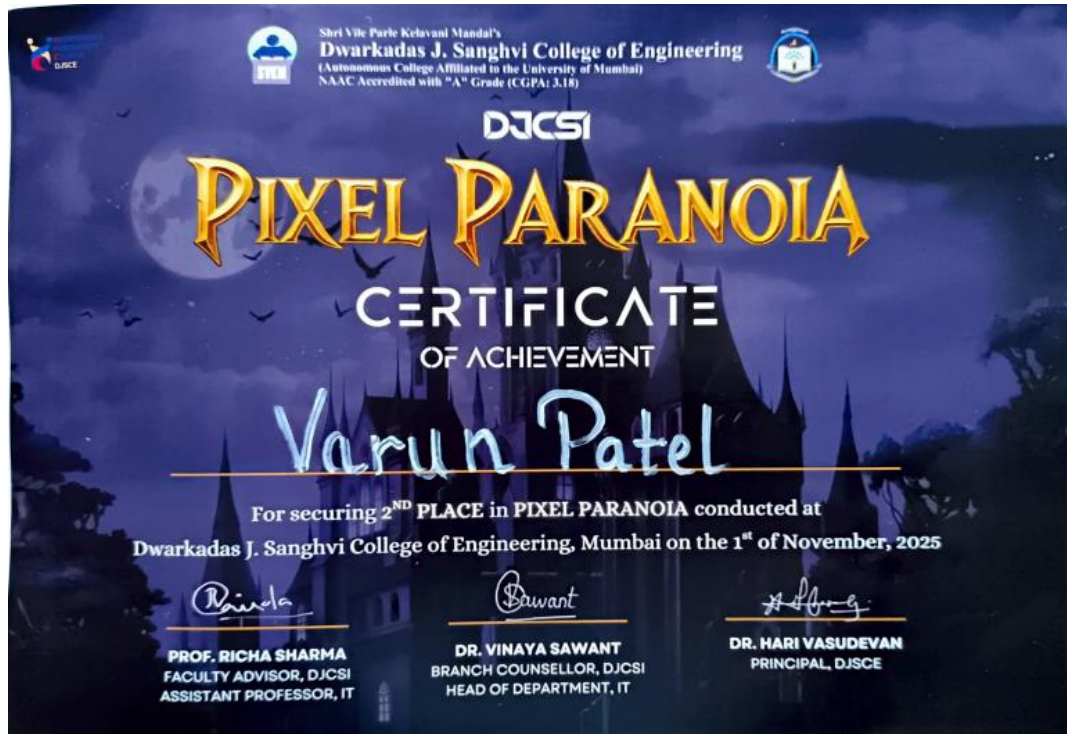
SOMAIYA
AYURVIHAR

- Student from Department of Information Technology Mahita Hemant Dabhade awarded as Best Speaker in SYNAPSE - National Level Tech Debate organised by ISTE IIC in collaboration with Thakur Shyamnarayan Degree College, Kandivali on September 19, 2025



- Students from Department of Information Technology Harsheel Bhavesh Chawda, Varun Jatin Patel secured second position in Pixel paranoia - UI UX design hackathon organised by Dwarkadas J. Sanghvi College of Engineering, Mumbai on November 01, 2025





- Students from Department of Information Technology Ritika Jain, Jatin Tomar, Hitansh Gopani and Vyom Thakkar secured second position in code odyssey 4.0 hackathon organised by Computer Society of India, Students Chapter K J Somaiya Institute of Technology on September 28, 2025



- Student from Department of Information Technology Vyom Vyas awarded as Second Runner up Best Speaker in Synapse National Tech Debate Competition organised by Thakur

Shyamnarayan Degree College, Kandivali on September 20, 2025

