

Brief Report: Aarambika 2026
Freshers' Induction Programme
Faculty of Engineering and Technology
Organized by
Department of Applied Science



Date: 17th -21st August, 2026

Venue: University Auditorium.

Organized by: Department of Applied Science.

Faculty Convenor: Dr. Preeti Tyagi, HoD, Applied Science

Faculty Coordinators: Dr. Naresh Kumar, Dr. Monika Verma, Dr. Pawan Kumar Sharma, Dr. Neha Rani, and Dr. Buddhi Prakash Sharma.

Day 0: 17 August 2026

1. Introduction

The Faculty of Engineering and Technology organized **Day 0** of “Aarambika 2026 – Freshers’ Induction Programme” on **17 August 2026** to formally welcome the newly admitted students to the university community and familiarize them with the academic environment, engineering departments, institutional support systems, and various opportunities available on campus.

The programme was designed to help students make a smooth transition from school to university life. The sessions focused on providing students with an overview of the Faculty of Engineering and Technology, introducing them to academic leadership and departmental heads, and creating early awareness about the various university entities and committees that support students throughout their academic journey.

2. Welcome and Opening Session

The programme commenced with a warm welcome to the newly admitted students. The opening session highlighted that university life extends beyond classrooms, laboratories, and examinations. Students were encouraged to view their university journey as an opportunity to explore new interests, participate in activities, develop professional skills, interact with diverse communities, and create meaningful experiences. The students were formally welcomed to **Aarambika 2026**, marking the beginning of their journey at the Faculty of Engineering and Technology.

3. Welcome Address by the Dean Engineering & Technology

The inaugural briefing was delivered by **Prof. Ranjit Roy, Dean, Faculty of Engineering and Technology**. Prof. Roy welcomed the freshers and provided them with important guidance regarding their academic journey and their transition into university life. His address offered students a broader perspective on engineering education, academic excellence, innovation, and the opportunities available to them within the Faculty.

His extensive academic and research experience, particularly in the areas of Electrical Engineering, Power Systems, Artificial Intelligence, and Machine Learning, provided students with valuable insights into the evolving landscape of engineering education and technology. The session helped establish a positive academic orientation and set the tone for the induction programme.



4. Address by the Head, Department of Applied Science

The next session was conducted by **Dr. Preeti Tyagi, Associate Professor and Head, Department of Applied Science**. The session emphasized the importance of Applied Sciences in developing the fundamental knowledge and analytical skills required for engineering education. Students were introduced to the role of Mathematics and foundational sciences in supporting their subsequent engineering courses.

Dr. Tyagi also shared insights into the academic environment, curriculum, research, and learning opportunities available to students. The session helped students understand that strong fundamentals form the foundation for successful learning in different engineering disciplines.



5. Departmental Introduction

A major component of Day 0 was the **Departmental Introduction Session**, which provided students with an opportunity to become familiar with the six engineering departments of the Faculty of Engineering and Technology. The session focused on introducing the academic landscape of each department, its faculty members, facilities, areas of specialization, achievements, and opportunities available to students.

5.1 Computer Science and Engineering

The session began with the **Department of Computer Science and Engineering**. The department introduced students to the rapidly evolving areas of computing, programming, Artificial Intelligence, algorithms, and emerging digital technologies. **Dr. Rama Kant, HOD In-Charge, Computer Science and Engineering**, addressed the students and provided an overview of the department and its academic environment.

5.2 Electronics and Communication Engineering

The next departmental session focused on **Electronics and Communication Engineering**. Students were introduced to the field of electronics, communication technologies, and the role of ECE in modern technological development. **Dr. Pawan Kumar Singh, Head, Electronics and Communication Engineering**, addressed the students and provided an overview of the department, its academic journey, and opportunities.

5.3 Electrical and Electronics Engineering

The third departmental introduction was for **Electrical and Electronics Engineering**. The session highlighted the transformation of electrical engineering through emerging technologies such as **Artificial Intelligence and Machine Learning, smart automation, robotics, electric vehicles, and intelligent systems**. The session demonstrated how modern electrical and electronics engineering integrates intelligent technologies to address real-world challenges. **Dr. Deepika Yadav, Head, Electrical and Electronics Engineering**, addressed the students and introduced them to the department, its academic environment, and the opportunities available in the field.

5.4 Mechanical Engineering

The **Department of Mechanical Engineering** was subsequently introduced to the students. The session highlighted the broad scope of mechanical engineering, including design, manufacturing, automation, mechanical innovation, and emerging approaches towards digital sustainability. **Dr. R. Sankar, Head, Mechanical Engineering**, addressed the students and provided an overview of the department and its academic and technological dimensions.

5.5 Biomedical Engineering

The next session introduced students to **Biomedical Engineering**, a multidisciplinary field that integrates engineering, technology, and healthcare. The session highlighted the role of engineering in developing technologies and solutions for healthcare and human well-being. **Dr. Anjali Priyadarshini, Head, Biomedical Engineering**, addressed the students and introduced them to the academic and professional possibilities within the discipline.

5.6 Civil Engineering

The departmental introduction concluded with **Civil Engineering**. The session focused on the role of civil engineering in developing the physical infrastructure and built environment. Areas such as structures, infrastructure development, sustainable development, and smart cities were highlighted. On behalf of **Dr. Abhay Chaubey, Head, Civil Engineering**, **Dr. Ruchika Dabas** addressed the students and provided an overview of the department.



6. Student-Centric University Entities and Committees

Following the departmental introductions, the programme moved towards an important student-oriented session on **University Entities and Committees**. The session was designed to help students understand the various institutional systems that support them during their university journey. Students were introduced to the different entities and committees responsible for academic support, student activities, opportunities, campus services, and other essential aspects of university life. The session was presented as a practical “**Campus Survival Guide – Who Does What?**”, helping students understand where to approach when they require assistance, information, or guidance regarding different university-related matters. This orientation was particularly useful for first-year students as it reduced uncertainty regarding institutional procedures and encouraged them to actively engage with the support systems available to them.

7. Visit to University Entities and Committees

At the conclusion of the orientation sessions, students were organized row-wise and instructed to follow the designated faculty in-charges for visits to the various university entities and committees. The visits provided students with an opportunity to become familiar with the physical locations and functions of the relevant institutional offices and support bodies.

8. Key Outcomes of Day 0

Day 0 of Aarambika 2026 successfully achieved the following objectives:

- Welcomed newly admitted students to the Faculty of Engineering and Technology.
- Introduced students to the academic leadership of the Faculty.
- Familiarized students with the role of Applied Sciences in engineering education.
- Provided an overview of all six engineering departments.
- Introduced students to departmental heads and academic leadership.
- Created awareness about emerging areas and career opportunities across engineering disciplines.
- Familiarized students with student-centric university entities and committees.
- Helped students understand institutional support mechanisms and points of contact.
- Encouraged students to actively participate in academic, co-curricular, and university activities.
- Reduced the uncertainty associated with entering a new academic and campus environment.

Day 1: 18 August 2026

1. Introduction

The Faculty of Engineering and Technology, SRM University Delhi-NCR, Sonapat, Haryana, continued the Aarambika 2026 – Freshers’ Induction Programme with Day 1 on 18 August 2026. The day was designed to provide the newly admitted students with a meaningful blend of **academic enrichment, industry exposure, professional interaction, cultural expression, and team-building activities**. The programme included expert-led sessions in the first half, followed by cultural performances and interactive activities that encouraged student participation and peer engagement.

2. Master Class: “How to Leverage AI for Ethical Learning: Engineering Skills for 2030”

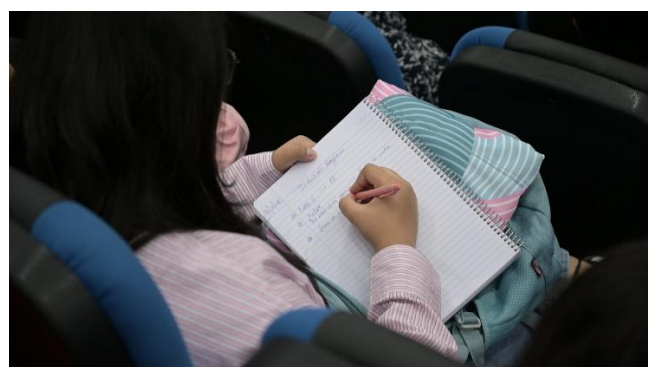
The day commenced with a master class titled “How to Leverage AI for Ethical Learning: Engineering Skills for 2030”, delivered by **Mr. Siddharth Rathore, Founder, Weskillai**. The session introduced students to the growing role of Artificial Intelligence in education and engineering. It emphasized the importance of using AI as a responsible and ethical learning tool while developing the technical and professional competencies required for the future of engineering. The session encouraged students to approach emerging technologies with curiosity, responsibility, and a continuous-learning mindset.





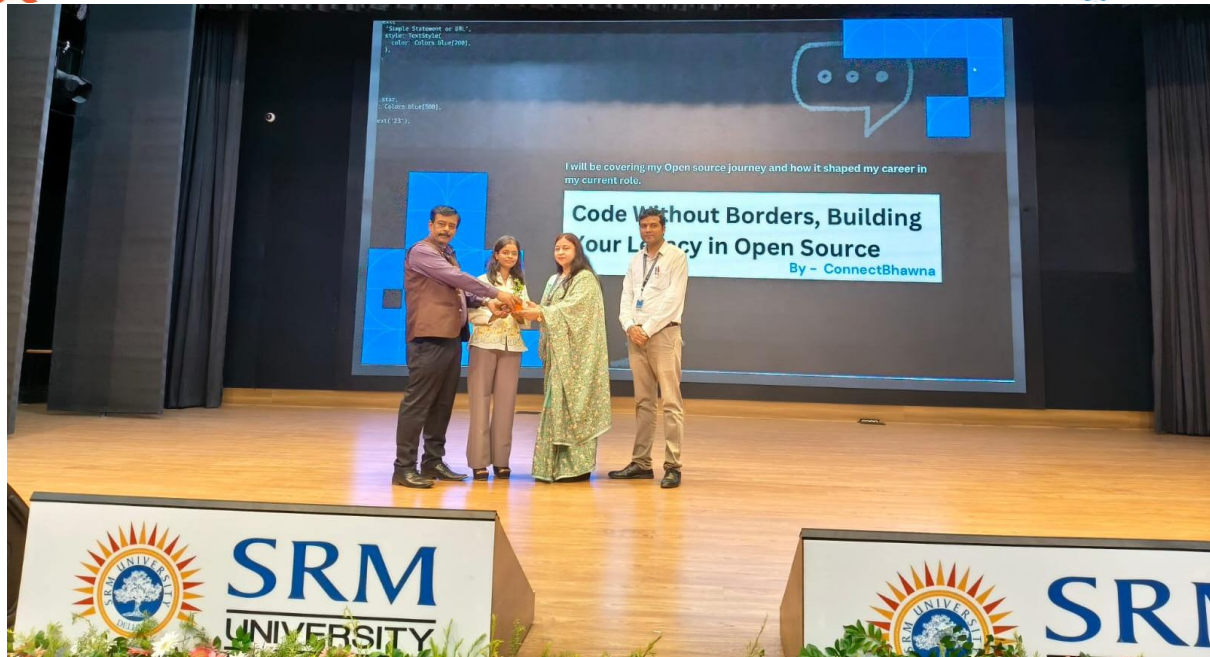
3. Industry Keynote: “What I Wish Someone Had Told Me in First Year”

The next session featured an industry keynote titled “What I Wish Someone Had Told Me in First Year: Lessons from Google, Engineering, AI & Building a Company”, delivered by **Mr. Puru Kathuria, Founder, Lex AI**. The keynote provided students with valuable industry-oriented perspectives on engineering, Artificial Intelligence, professional growth, and entrepreneurship. It highlighted emerging global professional trends and high-demand technical skill sets. The session was particularly relevant for first-year students as it offered practical insights into how their early university experiences, skills, choices, and learning habits can influence their future professional journey.



4. Professional Talk: “Code Without Borders: Building Your Legacy in Open Source”

The morning sessions continued with “Code Without Borders: Building Your Legacy in Open Source”, delivered by **Ms. Bhawna Chauhan, GitHub Campus Expert**, as an initiative of the **FoSS Club, SRMUH**. The session introduced students to the world of open-source development and collaborative technology communities. It encouraged students to explore opportunities beyond the classroom and understand how participation in open-source projects can contribute to technical learning, collaboration, networking, and professional development. The session motivated students to begin building their technical identity and contribute meaningfully to the larger technology community.



5. Cultural Performances

A vibrant **cultural segment** was organized during the induction programme, providing freshers with an opportunity to showcase their artistic talents and express themselves beyond the academic environment. The segment featured the following performances: **(1) Shayari Performance**, adding a creative and literary dimension to the cultural programme. **(2) Dance Performances**, creating an enthusiastic atmosphere for the newly admitted students. **(3) Flute Performance**, adding a melodious musical element to the cultural segment. The variety of performances made the session lively and engaging while providing students with a platform to share their talents with their peers.



6. Post-Lunch Activities

The post-lunch segment focused on **interactive, experiential, and team-building activities**. The first activity, **“The Apollo 13 Crisis”**, focused on **Crisis Management and Systems Thinking**. Students participated in a simulated crisis scenario that encouraged teamwork, decision-making, communication, prioritization, and problem-solving. The second activity, **“Corporate Trivia & Pop-Culture Showdown,”** provided students with an engaging platform for team interaction, general awareness, quick thinking, and healthy competition. The

activities were designed to help students interact with one another in an informal setting while developing essential interpersonal and collaborative skills.



7. Key Outcomes of Day 1

Day 1 of Aarambika 2026 successfully provided students with:

- Awareness of the responsible and ethical use of Artificial Intelligence.
- Insights into future engineering skills and professional expectations.
- Exposure to real-world industry experiences and entrepreneurial perspectives.
- Awareness of open-source learning and collaborative technology communities.
- Opportunities to showcase cultural and artistic talents.
- Opportunities to interact with peers in an informal and welcoming environment.
- Development of teamwork, communication, creativity, decision-making, and problem-solving skills.

Day 3: 19 August 2026

1. Introduction

The Faculty of Engineering and Technology, SRM University Delhi-NCR, Sonapat, Haryana, continued the Aarambika 2026 – Freshers’ Induction Programme with Day 2 on 19 August 2026.

The day was organized to provide students with a combination of **career-oriented guidance, industry exposure, innovation awareness, professional development, and experiential learning**. The sessions were conducted in the Sri Sarveswarar Auditorium, followed by an interactive activity and completion of pending academic documentation.

2. Corporate Professional Talk: “The Bridge Strategy: Mapping Academics to Career Goals”

The first session of the day was “The Bridge Strategy: Mapping Academics to Career Goals”, delivered by **Mr. Bhupender Aujla, Senior Manager, Strategic Alliances, IDP Education Pvt. Ltd.** The session focused on helping students understand the connection between their academic journey and their long-term career aspirations. It encouraged students to view their university years as an important phase for building knowledge, skills, experiences, and competencies aligned with their professional goals. The session provided students with a career-oriented perspective at an early stage of their academic journey and encouraged them to think strategically about their future.



3. Corporate Professional Talk: “Industry Requirements & Emerging Technology Trends”

The second session, “Industry Requirements & Emerging Technology Trends”, was delivered by **Mr. Aman Bakshi, Growth Initiative Leader, IBM Professionals**. The session introduced students to changing industry expectations and emerging trends in technology. It helped students understand the importance of staying updated with technological developments and continuously developing skills that are relevant to the evolving professional landscape. The interaction provided freshers with an industry perspective on the competencies and technological awareness that can support their future careers.



4. Informative Session: “Think Tech – Inspiring Ideas from Innovation and Technology”

The programme continued with “Think Tech: Inspiring Ideas From Innovation and Technology”, conducted by the **ThinkTech Society** under the guidance of its Faculty Advisor, **Dr. Tulika Kakkar**. The session introduced students to the role of innovation and technology in generating new ideas and solving real-world challenges. It encouraged students to develop curiosity, creativity, and an interest in exploring technology beyond conventional classroom learning. The session provided an opportunity for students to become familiar with innovation-oriented activities and the possibilities available through technology-driven initiatives.





As a refreshing musical interlude between the sessions, the programme featured a melodious singing performance by our talented student, adding a lively and enjoyable touch to the Freshers' Induction Programme.



5. Workshop: “Mastering Professional Image and Etiquettes”

The final session of the first half was a workshop on “**Mastering Professional Image and Etiquettes**”, conducted by **Ms. Gagan Ghuman, Head, Strategic Alliances, IDP Education**. The workshop focused on the importance of professional conduct and personal presentation in academic and professional environments. Students were introduced to the significance of

professional etiquette and the way individuals present themselves and interact with others. The session helped students recognize that professional development involves not only technical knowledge but also communication, conduct, confidence, and appropriate professional behaviour.



6. Interactive Activity: “The 60-Second Commercial Pitch”

Following the lunch break, students participated in “The 60-Second Commercial Pitch”, an interactive **Fun & Team Building Activity** conducted in the classrooms. The activity provided students with an opportunity to demonstrate **creative agility and speed** while working within a limited time. Students were encouraged to think creatively, communicate ideas effectively, and work collaboratively with their teams. The activity added an experiential dimension to the induction programme and provided students with an informal platform to interact with their peers while developing communication and teamwork skills.





7. Completion of Academic Documentation

The final segment of the day was dedicated to the **completion of pending academic documentation**. Students were guided to the relevant offices, including the **Admission Office, Account Office, Transport Office, and other designated offices**, for the submission of pending documents and completion of necessary formalities. This session helped students complete essential administrative requirements and ensured that their academic and institutional documentation was brought up to date.

8. Key Outcomes of Day 2

Day 2 of Aarambika 2026 successfully provided students with:

- Greater awareness of the relationship between academics and career goals.
- Exposure to industry requirements and emerging technology trends.
- Encouragement to explore innovation and technology-driven ideas.
- Awareness of the importance of professional image and etiquette.
- Opportunities to develop creativity, communication, teamwork, and quick thinking.
- An experiential platform for peer interaction through the commercial pitch activity.

Day 3: 20 August 2026

1. Introduction

The Faculty of Engineering and Technology, Department of Applied Science, SRM University Delhi-NCR, Sonapat, Haryana, continued the Aarambhika 2026 – Freshers’ Induction Programme with Day 3 on 20 August 2026.

The day was structured to provide students with a balanced combination of skill enhancement, technical insights, social responsibility awareness, mental well-being, creative group dynamics, and administrative completion. The morning sessions took place in the Sri Sarveswarar Auditorium, followed by a classroom activity and academic document submission in the second half.

2. Corporate Professional Talk: “Skill Up, Scale Up”

The first session of the day, titled “Skill Up, Scale Up”, was delivered by Mr. Sahil Sahore, Corporate Coach and TEDx Speaker. The session focused on empowering new students with strategies for continuous skill development and self-growth needed to navigate higher education and future professional endeavors. Mr. Sahore emphasized the importance of personal branding, adaptability, and scaling up one's capabilities alongside academic learning. The talk encouraged freshers to adopt a proactive growth mindset from their very first day on campus.





3. Corporate Professional Talk: “Automate, Predict & Optimize: AI Driven DevOps with Xebia”

The second session, “Automate, Predict & Optimize: AI Driven DevOps with Xebia,” was jointly delivered by industry experts from Xebia Academy: Dr. Swati Tyagi, Full Stack and Data Trainer, and Mr. Utkarsh Aggarwal, Subject Matter Expert and DevOps Trainer. Together, they provided an industry-centric overview of modern software engineering practices, illustrating how artificial intelligence is transforming contemporary DevOps workflows. Dr. Tyagi opened the talk by introducing core concepts of process automation, predictive analysis, and system optimization, emphasizing the essential technical competencies required to thrive in today’s rapidly evolving software landscape. Building upon these foundations, Mr. Utkarsh Aggarwal expanded on real-world DevOps applications and modern engineering paradigms. The session offered engineering freshers valuable early exposure to cutting-edge technology trends and practical industry insights.



4. Informative Session: National Service Scheme (NSS)

The programme continued with an informative session on the National Service Scheme (NSS), presented by Dr. Neelu Chaudhary. The session introduced students to the core objectives, community outreach projects, and social impact initiatives driven by the university's NSS chapter. Dr. Chaudhary highlighted the benefits of joining NSS, including personality development through community service, empathy building, and active civic participation. Students were motivated to contribute to society while developing leadership and social responsibility skills throughout their university tenure.

A melodious singing performance by a student added a delightful musical touch to the Freshers' Induction Programme, providing a refreshing break between the sessions.



5. Mental Well-being Session: “Excitement, Anxiety and Everything in Between”

The final session of the morning was a dedicated mental health segment titled “Excitement, Anxiety and Everything in Between: Mental Well-being Session”, conducted by Ms. Perna Rathi, Student Counsellor from the Office of the Dean Student Welfare. Recognizing the transition to university life as both exciting and overwhelming, the session addressed common psychological challenges such as campus transition stress, peer pressure, and performance anxiety. Ms. Perna Rathi shared practical coping mechanisms, emotional regulation techniques, and introduced the wellness support systems available on campus. The session reinforced the importance of maintaining a healthy balance between mental health, emotional resilience, and academic pursuits.





6. Creative Group Activity: “The Mock Pitch Tank”

Following the lunch break, students gathered in their respective classrooms to participate in "The Mock Pitch Tank". This interactive group activity challenged students to work collaboratively to conceptualize ideas and pitch them effectively within their assigned teams. The activity encouraged creative problem-solving, persuasive communication, spontaneous thinking, and teamwork. It served as an engaging, experiential platform for freshers to build camaraderie with their classmates and overcome stage fright in a supportive environment.



7. Completing Academic Documentation

The final segment of the day was dedicated to completing student academic documentation. Students were guided to submit pending academic documents, verify credentials, and fulfill administrative enrollment formalities. This systematic verification process ensured that administrative requirements were completed smoothly, allowing students to transition seamlessly into their academic terms.

8. Key Outcomes of Day 3

Day 3 of Aarambhika 2026 successfully provided students with:

- Insights into personal skill development, scaling up capabilities, and personal branding.
- Technical exposure to AI-driven DevOps and current industry technology trends.
- Awareness of social responsibility, community outreach, and volunteer opportunities through NSS.

- Guidance and coping strategies for managing mental well-being, transition stress, and emotional balance.
- Experiential opportunities to practice teamwork, innovation, and pitching skills through "The Mock Pitch Tank".
- Hands-on assistance in completing mandatory academic and administrative documentation.

Day 4: 21 August 2026

1. Introduction

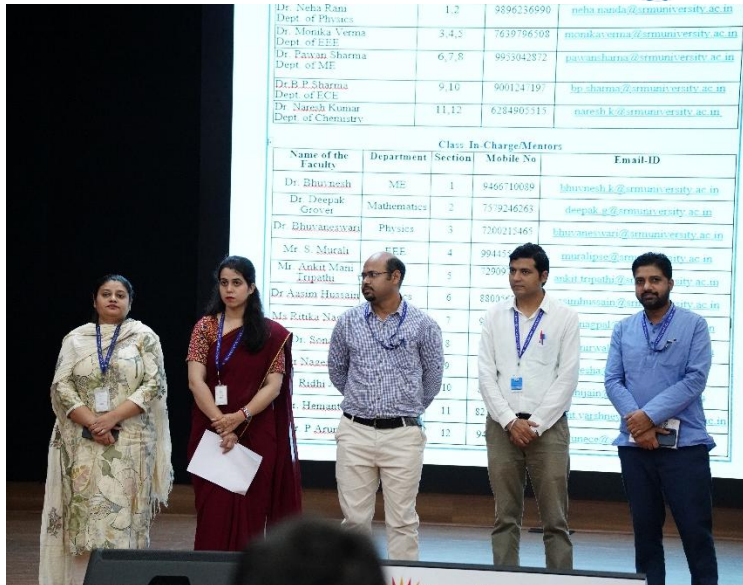
The Faculty of Engineering and Technology, SRM University Delhi-NCR, Sonapat, Haryana, conducted Day 4 of the “Aarambika 2026 – Freshers’ Induction Programme” on 21 August 2026. The day was designed to familiarize the newly admitted students with the academic structure, faculty support systems, technical clubs, National Cadet Corps, Centres of Excellence, institutional committees, and departmental facilities. The programme concluded with a **Prize Distribution Ceremony and a recreational movie screening**.

2. Welcome Address and Institutional Briefing

The day commenced with a **Welcome Address and Institutional Briefing** at the Sri Sarveswarar Auditorium. The session included “**Engineering Your Future: A Journey Towards Excellence**”, delivered by the **Dean, Engineering and Technology**, providing students with an overview of the opportunities, expectations, and possibilities that lie ahead during their engineering journey.



This was followed by “**Connecting Science with Engineering: A Foundation for Engineering**”, delivered by the **Head of the Department of Applied Science**. The session highlighted the importance of fundamental sciences in developing a strong foundation for engineering education. The students were also introduced to the **Faculty Coordinators and Class In-charges**, helping them understand the academic support structure available to them.



The session further included an introduction to the **Mentor-Mentee System**, familiarizing students with the mentoring mechanism and the role of faculty mentors in supporting their academic and personal development.



3. Technical Clubs: “Connect, Create, Innovate”

The next session, titled “**Connect, Create, Innovate: Your Technical Club Journey at Faculty of Engineering and Technology**”, was conducted by **Dr. Ruchi Kwatra, Faculty Advisor**. The session introduced students to the technical clubs and the opportunities they provide for learning beyond the classroom. Students were encouraged to actively participate in technical activities, collaborative projects, competitions, innovation initiatives, and other student-driven opportunities.

The session emphasized the importance of exploring interests, developing practical skills, and working collaboratively with peers through technical clubs.



4. National Cadet Corps (NCC) at SRMUH

Students were subsequently introduced to the **National Cadet Corps (NCC) at SRMUH** through a session conducted by **Dr. Sanjey Kumar**. The session provided students with an overview of the NCC and its role in developing discipline, teamwork, leadership, responsibility, and a sense of commitment among students.



5. Centres of Excellence: Unlocking Opportunities in Innovation, Research & Technology

A dedicated session was conducted on “**Centres of Excellence: Unlocking Opportunities in Innovation, Research & Technology.**” Students were introduced to various Centres of Excellence and their areas of work:

- **ACMA** – presented by **Dr. Ruchi Kwatra**
- **C4D** – presented by **Dr. Anjali Priyadarshini**
- **SRM Siemens Centre of Excellence** – presented by **Dr. R. Sankar**
- **Centre of Excellence on Smart Grid and Data Analysis** – presented by **Dr. Deepika Yadav**
- **Ultra Tech Centre of Excellence** – presented by **Dr. Ruchika Dabas**

The session familiarized students with the research, innovation, and technology-oriented opportunities available within the Faculty. It encouraged students to explore these facilities and

understand how participation in research and innovation activities can complement their academic learning.



6. Address by Internal Committee

The programme continued with an informative session by the **Internal Committee and the SDG & E-Waste Management team**. The Internal Committee session was addressed by **Prof. (Dr.) Renu Choudhary, Presiding Officer, Internal Committee**, and **Dr. Neelu Choudhary, Secretary, Internal Committee**.



The session on **SDGs and E-Waste Management** was addressed by **Prof. (Dr.) Renu Choudhary, Chairperson, SDG**, and **Dr. Prianka Dutta, Member Secretary, SDG**. The session familiarized students with institutional initiatives related to responsible campus practices, sustainability, awareness, and environmental responsibility.

Interspersed between the formal sessions, students added energy and enthusiasm to the programme through engaging **dance, singing, and rap performances**, creating a lively and enjoyable atmosphere for everyone present.



7. Prize Distribution Ceremony

The post-lunch session featured a **Prize Distribution Ceremony**, recognizing and appreciating students for their participation and achievements in the activities conducted as part of the induction programme.





8. Key Outcomes of Day 4

Day 4 of Aarambika 2026 successfully provided students with:

- An understanding of the academic structure and faculty support system.
- Familiarity with the Faculty Coordinators, Class In-charges, and Mentor-Mentee System.
- Awareness of technical clubs and opportunities for experiential learning.
- An introduction to NCC and its developmental opportunities.
- Exposure to the Centres of Excellence and their research and innovation activities.
- Awareness of institutional initiatives related to the Internal Committee, SDGs, and E-Waste Management.
- Opportunities for direct interaction with faculty members during departmental visits.
- Recognition of student participation and achievements through the Prize Distribution Ceremony.
- A recreational and engaging conclusion through the movie screening.

Conclusion

Aarambika 2026 provided a well-rounded induction experience, combining academic orientation, industry exposure, skill development, cultural engagement, innovation, and student support. The programme successfully helped freshers begin their university journey with greater confidence, awareness, and enthusiasm.