



**ANJUMAN-I-ISLAM'S
KALSEKAR TECHNICAL CAMPUS, NEW PANVEL**

Approved by : All India Council for Technical Education, Council of Architecture, Pharmacy Council of India New Delhi,
Recognised by : Directorate of Technical Education, Govt. of Maharashtra, Affiliated to : University of Mumbai.

- SCHOOL OF ENGINEERING & TECHNOLOGY
- SCHOOL OF PHARMACY
- SCHOOL OF ARCHITECTURE

2.3.1 Student Centric methods, such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences, ICT

The institute has adopted outcome-based education, focusing on student-centered methods to enhance learning. This includes hands-on learning through projects, field trips, and industry visits which provide experiential learning platform to the students. Students engage in interactive activities like technical events and case studies, and flipped classroom. They also develop problem-solving skills through competitions. The use of various ICT tools like Google Classroom, quizziz, and Padlets etc further enriches the learning experience.

1. Experiential Learning:

The institution emphasizes on experiential learning by conducting various activities. Through this approaches student not only gain practical skills, real world exposure but also develop critical thinking, problem-solving abilities, and teamwork. Details of some of these activities along with their representative documents are as follow:

Sr. No	Experiential Learning activity	Objective	Representative documents
1.	Project Based Learning	Engage students in experiential, hands-on project work to apply theoretical knowledge in practical contexts	View documents
2.	Industrial visit, field trip and study tours	Provide students with practical, real-world learning experiences	View documents
3.	Internship	Provide students with practical training in relevant field	View documents
4.	Online Courses	Provide skill enhancement opportunities to enrich students experiential learning journey	View documents
5.	Value added courses	Provide skill enhancement opportunities to enrich their experiential learning journey	View documents
6.	Peer to peer learning	Enhance experiential learning through active engagement and shared & learned culture	View documents
7.	Extension projects	Providing opportunity for personal development through community involvement	View documents

2. Participative learning

It involves student engagement in diverse activities like case studies, soft skills training, and conferences, promoting holistic development and exposure to varied academic and professional networks. Furthermore, flipped classrooms and studio learning in architecture enhance understanding through practical involvement and mentorship in specific design



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concepts. Details of some of these activities along with their representative documents are as follow:

Sr. No	Participative learning	Objective	Representative documents
1.	Case Studies and Model based learning	Understanding of complex technical concepts by employing case studies and models	View documents
2.	Flipped classrooms	Enhance participative learning by engaging students actively in their own learning process	View documents
3.	Studio learning and model making	understanding of architectural and technical design aspects through collaborative engagement	View documents
4.	Participation in Soft skills trainings and workshops	Integrate soft skills training sessions, into the curriculum to enhance English proficiency and overall communication skills	View documents
5.	Participation of students in AICTE Internshala	Broaden students' academic and professional networks, enhancing participative learning through internship	View documents

3. Problem solving methodologies

Annual technical competitions like Mashup, Algorithm, Fuerza, and Technoscope offer students problem-solving opportunities, fostering creativity and innovation. Details of some of these activities along with their representative documents are as follow:

Sr. No	Problem solving methodologies	Objective	Representative documents
1.	Mashup	Exhibit problem-solving skills through imaginative and creative approaches, and showcasing artistic skills	View documents
2.	Algorithm	Encourage innovation and collaboration to provide impactful solution in computer programming	View documents
3.	Technoscope	Offer a platform for students to exhibit their projects and research endeavours	View documents
4.	Fuerza	Provide a platform for participation in technical competitions	View documents
5.	Programmers Club	Foster innovation in computer programming through the cultivation of problem-solving skills	View documents
6.	Students ISHARE Chapter	Promoting Heat Ventilation Air Conditioning and Refrigeration advancement and education and offering career support	View documents



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7.	Ethical hacking	Promote learning environment for cyber security concepts and ethical hacking	View documents
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4. Use of ICT Tools

All faculty members encouraged to use ICT tools to make their teaching learning more interactive. Following is the details of ICT tools used at the campus:

Sr. No	ICT Tools	Objective	Representative documents
1.	School of Pharmacy	All faculty members use ICT tools and software's to enhance students learning experience	View documents
	School of Architecture		View documents
	School of Engineering Technology		View documents
2.	Faculty members recorded lectures	Recorded lectures of some courses are provided on website to facilitate e-learning	View documents