Criteria 5.5 :

Table 5.5.1 Teaching Learning Methods

Sr.No	Teaching Learning Methods	Mode of Teaching/Learning Process	Outcome
1	ICT Class Room	Live Demonstration using Software Tools/Video	Easy to Understand the concept
2	E-Learning	NPTEL, MOOCS	Enhance the learning experience, using audio-visual aids. On tip compatibility & resources
3	Presentations	LCD Presentation	Enrich Subject Knowledge and Improve the better Presentation Skills.
4	Assignment Practices	Preparation	Improving the Cognitive Skills
5	Technical Events	Competition	Enhance the Technical Skill
6.	Self-Learning Sessions	SLS sessions are added in academic time Tables so that students are actively involved in academic study.	Clears the Doubts in the Class itself
7.	Webinars, workshops, Symposiums and Exhibitions	Online / offline	Develops the skills , improves the connectivity, and Gains cutting edge technology knowledge
8	Virtual Labs	Online mode of Practical Conductions	Able to do the Practical's according to specific course through virtual platform from IIT Bombay.
9.	Use of Digital Library	Availability of e-Books, e- journal, e-shodh ganga, e-shodh sindhu, e-pathshala,Moodle service etc.	Helpful to enhance the knowledge.
10	Quiz	Presentation	To test the student understanding level at the end of each course topic

Faculty members actively utilize Information and Communication Technology (ICT) tools to enhance both classroom and laboratory learning, making the teaching-learning process more engaging and effective. Traditional methods are supplemented with modern ICT resources, reflecting the institute's commitment to continuously improving the academic experience.

SR.No	Name of Faculty	ICT Tools Used	Subject	Link
1	Dr. Rahul Bachute	Virtual Lab	Dynamics of Machinery	https://sites.google.com/view/drrahulpbachute/profile
2	Dr. Sandip kamble	Subject Website	Mechatronics and AIML	https://sites.google.com/view/sandipkamble
3	Dr. Sarange Shreepad	You Tube Chanel	Mechatronics and AIML	https://www.youtube.com/@shreepadsarange5952
		Google Classroom	Robotics	https://classroom.google.com/c/NzUzNzcyODkwODQ3
		Google Classroom	AIML	https://classroom.google.com/c/NzQzOTIzMzIwMDU3
4	Prof. Sudarshan Martande	You Tube Chanel	Machining Science and Technology and Digital Manufacturing Laboratory	https://youtube.com/@sudarshanmartande587?si=0vcjuz5EXGVB8uQ5