

## Innovative Teaching–Learning Methods and Activities

<b>S.N</b>	<b>Method</b>	<b>Details</b>	<b>Tools</b>	<b>Impact</b>	<b>Evidence / Documents</b>
1	Planning of Course Delivery through CIS & Course File	Preparation of Time Table, CO, PO, CIS, Question Papers, Attendance, Teaching Plan and Notes	Teaching Plan, Assignments, Subject Activities, CO Assessment Tools	Systematic course delivery and improved CO-PO attainment	CIS, Teaching Plan, Attendance Record, Question Papers
2	E-Learning	Online lectures and subject related e-resources for better technical understanding	Projector, Computer, Pointer, Worksheets, ICT Tools	Improves technical performance, logical aptitude and communication skills	E-content, PPTs, LMS/Online Links
3	Project Based Learning	Active and inquiry-based learning through real-time projects	Previous Project Reports, Software Tools, Development Platforms	Enhances problem solving ability, teamwork and knowledge development	Project Reports, Evaluation Sheets
4	NPTEL Resources	Use of NPTEL portal for video lectures and competitive exam preparation	ICT Tools, Online Platforms	Provides updated knowledge and supports self learning	NPTEL Certificates, Course Links
5	Seminars	Seminars on modern and advanced	ICT Tools, Presentation Tools	Helps students understand practical	Seminar Reports, Photos

		topics in computer field		applications and current trends	
6	Workshops	Continuous education programs and hands-on sessions	Software Tools, Development Platforms	Students learn application of various software technologies	Workshop Reports, Certificates
7	Skill Development Program	Mini projects, coding competitions and technical activities	Programming Software, Development Tools	Improves fundamentals and practical project development skills	Competition Reports, Code Submissions
8	Industry Visit / Internship / Industry Projects	Industry visits and internships for real time exposure	Industry Interaction, Industrial Tools	Understanding of industry practices and teamwork	Visit Reports, Internship Certificates
9	Expert Lectures	Guest lectures on contemporary and advanced technologies	ICT Tools, Presentation Systems	Platform for interaction with experts and career guidance	Guest Lecture Reports, Photos
10	Professional Bodies & Student Associations	Activities through ISTE and departmental forum FACE-IT	Student Activity Platforms	Enhances leadership, networking and personality development	Activity Reports, Membership Records
11	MoUs with Industry/Institutions	Collaboration for knowledge exchange and academic support	Project Assistance, Seminars, Expert Lectures	Industry expertise benefits students and faculty	MoU Documents, Activity Reports
12	Encouragement for External Participation	Participation in competitions,	Conferences, Workshops,	Exposure to broader academic and	Certificates, Participation Records

		seminars and conferences	Technical Events	industry environment	
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