




Innovations by the Faculty in Teaching and Learning

The Following table shows the different innovation used by faculty in teaching Learning:

S. N	Methods	Details	Tools	Impact
1	Planning of Course Delivery through CIS & Course File	Time table, Course. Course Outcomes, PO, Course Information Sheet (CIS), Question Papers, Attendance, Teaching Plan, Notes	Teaching Plan, Assignments, Subject Activities, CO assessment, PO attainment	CO-PO Attainment
2	E-Learning	Online lectures, subject relevant e-resource materials subject technical knowledge implemented	Projector, Computer, Pointer, Worksheets, Etc.	Students Technical Performance, Logical Aptitude, Lifelong Learning, Communication Skills
3	Project Based Learning	It is a style of Active learning and Inquiry-based learning	Previous Project Reports,	The Teacher plays the role of Facilitator, working with students to frame worthwhile questions, Structuring meaningful tasks, Coaching both Knowledge Development And Social Skills, and carefully assessing about learning the experience
4	NPTEL Resources	NPTEL is a portal dedicated and provides technical e-content to solve the issue of increased e-resource demand. Demonstration videos and lectures competitive exam classes	ICT Tools	Student gets relevant and current information as on time. This study will definitely focus the evaluation of usage and road map for access successfully.
5	Seminars	Seminars workshop are conducted on various modern and advanced topics in Computer field	ICT Tools	Enables To Understand The Practical Application
6	Workshop	Continuous Education Program	Software	Learns and understands about various software
7	Skill Development Program	Mini projects, Coding Competition ,	Software	Clears the fundamentals of students. Students can gain practical knowledge. In spite of theory concept , various industries also need to know



				the capacity to complete projects using specific initiative.
8	Industry visit/ Internship / Project with industry	Industry Visits- to observe the different activities, techniques carried use of various types of software tools used on Project based on industry interaction	Industry visit, Industry Internship, etc	Industry visit are an important part of learning. Industrial visits help to visualize the various tools that need to be measured and that how it is properly placed in real time. Teamwork is also important where different profession come together to work on Project
9	Expert Lectures	Expert Lectures on various contemporary and advanced topic in Computer Engineering field	ICT Tools	The lectures provide a platform for students to clear their doubts, get answer to their innumerable questions, and even put forth their views on matters relevant to their studies and their careers
10	Professional Bodies and Students Association	ISTE FACE-IT (departmental forum)	Students activities related to enhancements of skill and personality quotient	Student organizations help strengthen leadership skills. Joining an organization is one of the best ways to build a bigger network. Student organizations can be an important part of students' growth during their college career.
11	MoU's	An understanding between the person representing an organization for the exchange of knowledge	Project assistance, Expert lectures, Seminar, thesis evaluation, etc.	Harnessing the expertise of the persons from the organization for the benefit of students and staff.
12	Encouragement for outside Participation	Students participate in competitions in other organization.	Seminar, Conferences, Workshop, Competition, etc.	Participants have the opportunity to learn and explore various issues by participating along with other organization participants.


Dr. S. P. Khandait
Head, Dept. of IT,
KDKCE, Nagpur.