Best Practice & Innovations by the Faculty in Teaching and Learning.

Sl.No.	Innovations	Goals	Advantage/ Outcome
1	Power Point Presentations	To enhance the overall comprehension of students and allows teachers to present their lessons in a More dynamic way.	1. It provides the ability to equip presentations with different types of media - including images, sounds, animations, and much more. 2. This enhances the students' abilities to retain what is being taught, especially to those who are visual learners. 3. Teachers can focus on the class and interacting with the students instead of writing on a board, because the text and the entire presentation are already there in the form of a PowerPoint file.
2	Student Seminars	The overall objective of this activity is to motivate students for self Study and Group Study.	1This best practice enhances the Listening ability. 2.Being working in a team builds up Leadership quality of students.. 3. The communication skill gets build up by Oral Communication in seminars. 4. Sharing of Knowledge uplifts while preparing. 5. Students learn Time Management skill. 6. Students learn to deal with conflicting opinions. 7. For delivering seminars students prepare, Produce and use visual aids for presentation.
3	Group Discussion	To develop skills in Interpersonal communication and in expressing views in a Clear and concise manner.	1. Learn from other people experiences and background knowledge. 2. Gain perspective and point of view which increases the listening and interpersonal skill. 3. Identify and sort out the communication opinions.
4	Industry Institute Interaction	To provide students an insight regarding internal working of companies and Industries, Undertaking Internship, Establishing MOU with Industries to Train Students.	1. Industrial visit is considered as one of the tactical methods of teaching. 2. The main reason behind this is helps student to know things practically through interaction, working methods and employment practices. 3. It also provides a good opportunity to the students to gain awareness about industrial practices. 4. Through industrial visit students get awareness about new technologies.
5	Self Learning / Skill Up gradation.	To Provide Online Certification for Students in Collaboration with Other Universities/ Institutions. (MOOC/NPTEL/IIT/NITT TR/Webinars)	1. Moodle is used for blended learning, distance education and other e-learning projects in institute. 2. With customized management features, it is used to create private websites with online courses for educators and trainers to achieve learning goals.
6	Mini and Major technical projects	To expand technical understandings through development in terms of software solutions and hardware implementation for industrial/societal	Create opportunities to explore theory, to research and present a pilot project with a possibility of further development, to test a technical insight, to apply intellectual learning, or to challenge skills as well as understandings Within a particular field.

		Problems.	
7	English Language Laboratory	To improve verbal skills for effective public speaking, acquire Employment & Workplace Communication Skills	1. The practice enhances Listening and Oral Communication dexterity. 2. To build Technical writing & Presentation Skills. 3. Pronunciation Skill gets personified. 4. Dealing with conflicting rules of English & effectively tackle grammatical rules. 5. Have a good word power & communication.
8	One to one internal viva voce in labs	To groom students for technical interview skills	1.Increases the performance level of Candidate in the Interview and help them to enhance the overall Personality. 2. Increases Technical Knowledge.
9	A-View E-Sikshana /Edusat	To provide remote-access to Theory & Labs in various disciplines of Science and Engineering in Collaboration with VTU.	1. This helps them in learning basic and advanced concepts. 2. This practice provides a complete Learning through web-resources, video-lectures, animated demonstrations and self Evaluation.
10	Contents beyond syllabus in theory and labs hours	To bridge the gap between syllabus & recent trends in Engineering & Technology.	1. It is empirically proven that interests in subjects are sparked by factors that are not always related to the curriculum. 2. It makes students curious and encourages them to take more interest in the topic and enhance their learning process. 3. Students shall be encouraged to work with innovative ideas and shall focus on current technological trends to do their Seminars and Projects.
11	Workshop/Seminar/ Invited Talks	To enhance Technical Skills apart from Curriculum	1. Students are trained in Advanced Technical Topics. 2. Enhance Learning by Interacting with Technical Expert. 3.Improve Lifelong Learning
12	Conference	To encourage students for Research Activities	1. Technical writing skill gets Enhanced. 2. Learn to Present Technical Papers. 3. Enhance Publishing Skills.
13	NAIN Project	To motivate Students for Product Development.	1. Best student Project Ideas gets Funded from Incubation Centre. 2. Incubation Centre arrange various innovative activities for students to enhance Research skills.
14	Symposium	To Build Technical & Non Technical Skills.	Students learn to Develop Project Prototypes. Educated with Innovative Ideas.
15	TATA Technologies	Centre of Invention, Innovation, Incubation, & Training Cell (CIIIT) Motivates Students for Innovation & to Provide training for Students in Latest technology Tools.	1.Students learn Latest technology Tools used in Industry. 2.Helps in Building good Career Opportunity. 3. R&D activities
16	Online Classes	To Complete the Syllabus in stipulated time in view	1.Faculties have become expertise in using e-learning facilities to make students expertise in subject related

		of pandemic COVID-19	topics.
17	Students e -seminar	To Complete the curriculum in stipulated time in absence of physical classes in view of pandemic COVID-19	Students have become expertise in using e-learning facilities to make their own video presentation, attending online quiz, webinar, workshops, submitting the assignment, writing internals etc..