

Innovation by Faculty in Teaching

Session : 2020 – 2021

S. No	Innovation Method	Subject Name	Activity & Outcome
1	Cabin Coaching	First Year In All Subjects	1. The overall result of the students has improved.
2	Seminars and Group Presentation	All core subjects	1. The students will be given the assignment topics and made them to present seminar in the class room. Also submit the report in assignment write up.
3	Case Study	All core subjects	1. The students will be able to understand the real time working scenario. 2. Understand how real time problems are solved.
4	Zoom Classroom	All core subjects	1. It is an open source platform for providing study material, notes, assignment and quizzes to students. 2. It acts as a one place reservoir of study material as well as faculty student interaction.
5	Brainstorming	All core subjects	1. Allow students to discover new ideas, thoughts, and responses.

Session : 2019 – 2020

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1	Cabin Coaching	First Year In All Subjects	1. The overall result of the students has improved.
2	Interactive session	All core subjects	1. Devised innovative methods (example based) to make the logic building process interesting and effective.
3	Peer to peer teaching	All core subjects	1. Group of students is formed, and a topic is assigned to them. 2. The students are supposed to form their own understanding of the topic. 3. Present their knowledge in front of the instructor.
4	Group Based assignment	All core subjects	1. The class is divided into groups of students. Different questions covering all aspect of the syllabus is allotted to each group. The assignment given to each group is then discussed with the complete class.

Innovation by Faculty in Teaching & Learning

Session : 2021– 2022

S. No	Innovation Method	Subject Name	Activity & Outcome
1	Cabin Coaching	First Year In All Subjects	1. The overall result of the students has improved.
2	ICT based Teaching & KCG Studio Lecture Recording	All core subjects	1. Complete classroom teaching available on video lectures. 2. Other similar lectures are also available to the students for better understanding.
3	Demonstration Based Learning	Instrument Handling	1. Here we can use wide variety of potential research projects, presentations, through which students demonstrate what they have learned
4	Research Based Learning	Practice school	1. Research- based learning presents as an alternative learning model that can develop the critical thinking skills. 2. This study aims at describing the effect of the implementation of the research-based learning to develop future teachers critical thinking.
5	Project Based learning	Mini Project	1. Project based learning is a teaching method in which students gains knowledge and skills by working for an extended period of time to investigate and respond to an authentic and engaging challenge.
6	Online Quiz (Google Forms)	All core subjects	1. These tool allows us to conduct student paced formative assessments in a fun and engaging way. 2. Complete analysis of result of the quiz is done in effective manner.
7	Small Group discussions	All core subjects	1. Class is divided into groups, and important topics are discussed. 2. Student can put forward their understanding of the topic. 3. New ideas of problem solving can be generated.