

Innovative Practice for A. Y. 2017-2018

Faculty Name	Quality Initiatives	Pedagogy/ Lecture/Lab Conduct	Procedure/ Action Plan taken in detail (with proof)	Describe Measurement as an Outcome	Impact on Pedagogy/Lecture/Lab Conduct (As applicable)	PO's Attained	PEO's Achieved
Dr. Bijith Markarkandy	Design methodology to emulate real life situations.	Pedagogy	1. The business model canvas is given to every student. 2. Product research tool Junglescout is explained and demonstrated. 3. Keyword selection tool merchant word is demonstrated.	Every student will be making business canvas for a business of their interest and presenting the same in class.	1. Awareness about how to think in a logical and correct manner. 2. Students have developed genuine interest in market research.	PO 1,2,5	PEO 1,3
Mr. Aditya Desai	Think Pair Share activity for classroom teaching.	Pedagogy	TPS for case study in SNMR subject.	Answers generated after discussion of the questions and answers related to technology.	Students were able to understand the application of storage technology.	PO 1, 2	PEO 1,5,6,7
Mrs. Purvi Sankhe	Flipped classroom for one chapter.	Pedagogy	Contents were given to students 2-3 days before lecture and the discussion on the same was done in class w.r.t world scenario.	Marks were given on the presentation.	Students made it interactive and contents of topic were discussed by them with respect to real world scenario.	PO 2,5,9,10	PEO 1,2,4,5
Mrs. Pranjali Kasture	Conduct role play based on topic like SET protocol in E Commerce.	Lecture Conduct	Based on topic, students explained the concept by giving certain roles to them related to topic.	Students can answer related to topic in class as well as in exam correctly	Effective understanding of difficult topic.	PO 7,8,9,10	PEO 6,7

Mr. Rahul Neve	Conduct role play based on topic like election algorithm in distributed system.	Lecture Conduct	Role play activity was conducted in lecture in which four students were given role to act as nodes and coordinator of distributed system.	Questions based on election algorithm was given in IAT. Practical was conducted on the same topic.	Most of the students were able to attempt the question in IAT which was based on election algorithm.	PO 1,2	PEO 1
Mrs. Sangeeta Vhatkar	- Interactive teaching with animation. -Viva of the practical done should be taken at the end of each lab session.	Lecture Conduct Lab Conduct	1. Animation on memory management topic support knowledge. 2. Viva was taken for all experiments to improve knowledge of practicals.	Helped to excel concepts of theory with 100% result. Helped to excel practical knowledge with 100% TW.	Term Test marks and university end exam improvement. Improved term work and improved mini project knowledge.	PO 1,2,5.	PEO 2,3.
Mr. Namdeo Badhe	Extra lectures for absent students to solve the doubts or problems.	Lecture Conduct	Lecture is taken and doubts are solved during free period.	Students understand how to solve complex problems.	Better understanding of the topic for absent students.	PO1,2,3,4,5,6	PEO 1,2,3
Mrs. Neha Kapadia	Presentation of the assigned topic.	Lecture Conduct	Taken the presentation of assigned topic during lecture in classroom.	Measurement based on assignment 3 marks and its mapping with CO's.	Students can understand the assigned topic in detail and also can give additional input.	PO 2,3,4,9,10	PEO 2,4,5,7
Mrs. Shruti Mathur	Presentation of the assigned topic.	Lecture Conduct	For SC subject assignment 3 was given as presentation.	Presentation skills, technical in depth, knowledge about the topic, linkage of topic to the real time application.	Students were able to gain application level understanding of the topic, also various types of examples were discussed.	PO 1,2,3,4,6,10,12	PEO 1,3
Mr. Sudhir Dekhne	To divide the lecture duration into explanation (30 mins)	Lecture Conduct	Since SPA is a programming language, concept delivery was	-Improvement in problem solving ability. -Improvement in logical skill development	Improvement in term test results from TT1 to TT2.	PO 1,2,3,4,5,9,12	PEO 1,2,3

	+ activity (20 mins) + discussion (10 mins).		done for the first 30 mins with syntax and semantics, next 20 mins were given to solve the similar problems for self-findings and next 10 mins for discussion on the findings and no. of solutions to one problem with exchange of idea to understand the concept.	ability. -Students were able to solve problems asked during term tests and final examination. -Students are able to implement programs on problem definition in practical exam. Improved result 96%.			
Mr. Shridhar Kamble	Mini project based on the entire curriculum .	Lab Conduct	Mini project was based on the entire curriculum which covers various technologies such as HTML5, CSS3, AJAX, JSON. Actual hosting on www.somee.com	-Students have created website and hosted on free hosting server; www.somee.com . -The task was on individual basis and students have analysed and understood the following principles in internet technology: -Develop website based on various technologies such as HTML5, CSS3, AJAX, JSON. - Demonstrate web applications, services using various tools.	Due to inclusion of mini project based on entire syllabus students have understood how to apply various internet-based technologies to design and develop web application and it strengthens the web technology domain.	PO 1,2,3,4,5,6	PEO 1,2,3,4,5,6
Mr. Zahir Aalam	Inclusion of design based and group	Lab Conduct	Design based experiments to enhance the learning.	Attainment of CO's.	Students start thinking related to application.	PO 1,2,5,9	PEO 1,5,6



TCET

DEPARTMENT OF INFORMATION TECHNOLOGY (IT)

Credit Based Grading System [CBGS - 2012[R]]/Choice Based Credit and Grading Scheme [CBCGS - 2016[R]]

University of Mumbai



Est. 2001

	activity experiments.						
Mr. Bhushan Nemade	Use of black board to maximum extent.	Lecture Conduct	Use of black board and animation (using projector)	<ul style="list-style-type: none">- Ease of presentation- Gain attention and interest	<ul style="list-style-type: none">- Ease of understanding.- Increased memory for particular topic.- Ease of making notes.- Attentiveness in class.- Better vision.- Easily adaptable by everyone.- Inexpensive teaching aid.	PO 9,10	PEO 1,3,7

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