Innovations by the Faculty in Teaching and Learning

NAME OF FACULTY	SUBJECT WITH SUBCODE/SEM	Innovative Teaching Methods	ACTIVITY
Academic Year 2021-2022			
Dr M Vijaykumar	18IM751, Human Resource Management	Active Learning	Quiz on HR related concepts
Dr Vanishree Beloor	18IM52/Operations Research	Active learning	Role play on Game theory
Academic Year 2020-2021			
Dr Rashmi S	18IM55/Facilities Planning and Design	Collaborative Learning	Case study discussion
Dr M Vijaykumar	17IM73/Project Management	Active learning	Use of MS Project tool for network construction.
Vanishree Beloor	18IM62/Operations Management	Active learning	Construction of decision tree using TreePlan and MS Excel. Forecasting of demand, Aggregate planning using MS Excel .
Academic Year 2019-2020			
Dr M Vijay Kumar	17IM35 Mechanics of Materials/3rd	Active Learning	Construct SF and BMD diagrams for a simply supported beam subjected to different loads using ANSYS software.
U Krishna Prasad	17IM36 Manufacturing Process I/3rd	Active learning	Quize-1 Quize-2 Quize3
Vanishree Beloor	15IM52 / Work Study and Ergonomics/5th	Active learning	Construction of Man and Machine Records ,Load charts using smart sheets(online)GANTT Charts.
Prabhushankar M R	15 IM 53 Design of Machine Elements/5th	Active learning	Demonstration On Design and Analysis of Gear shaft
Dr. W Yerriswamy	15IM54 Statistics for Engineers/5th	Active learning	R Construction of Scatter diagram /histogram
Prabhushankar M R	15IM551/ Engineering Economy/5th	Active learning	Analysis of Statement of Profit and loss of manufacturing companies in India.
Rashmi S	15IM564 /Human Resource	Collaborative learning	Role play on delphi technique

	Management/5th		
Dr. W Yerriswamy	Facilities Planning and Design/15IM71/7th	Case based	Use of Ranked position weighted method (RPW) for assembly line balancing
Vanishree Beloor	Operations Management/15IM72/7th	Active Learning	Construction of decision tree using TreePlan and MS Excel. Forecasting of demand, Aggregate planning using MS Excel .
Dr M Vijaykumar	Project Management/15IM73/7th	Active Learning	Construct CPM for a given network diagram using M S Project software.
U Krishna Prasad	Marketing Management/15IM741/7th	Active learning	Quiz 1 Quiz 2
Rashmi S	Organizational Behaviour/15IM753/7th	Collaborative Learning - Group Discussion	Debate on shortcuts in perceptual thinking and judgments
Academic Year: 2018-2019			
Ms Rashmi S	Material Science and Metallurgy IV	Self Learning	Quiz on advanced materials
Dr M Vijay Kumar	Kinematics of Machines IV	Moodle Software	Quiz on Kinematics of Mechanisms
Mr Prabhushankar M R	Computer Aided Machine Drawing IV	Active	Part Modeling
Mrs Vanishree B	CAD/CAM IV	Active learning	Analyse Stress and Strain using Ansys.
Mrs Vanishree B	Operations Research VI	Collaborative Learning	Role Play on Game Theory
Dr. W Yerriswamy	Simulation Modelling and Analysis VI	Self Learning	Quiz on simulation modeling and analysis
Mr Prabhushankar M R	Software Engineering and Management VI	Active	Case study discussion of WIPRO - "Increased-efficiency-through-a-robust-PLM-system".
Dr. W Yerriswamy	Quality Assurance and Reliability VI	Self learning	Quiz on quality Assurance and Reliability
Ms Rashmi S	Total Quality Management VIII	Collaborative learning	Case discussion and applying 7 QC steps and QC tools to solve real time problems

Academic Year:2017-2018			
Vanishree Beloor	15IM52 / Work Study and Ergonomics/5th	Active learning	Construction of Man and Machine Records ,Load charts using smart sheets(online)GANTT Charts.
Prabhushankar M R	15 IM 53 Design of Machine Elements/5th	Active learning	Demonstration On Design and Analysis of Gear shaft
Dr. W Yerriswamy	15IM54 Statistics for Engineers/5th	Active learning	R Construction of Scatter diagram /histogram
Prabhushankar M R	15IM551/ Engineering Economy/5th	Active learning	Analysis of Statement of Profit and loss of manufacturing companies in India.
Rashmi S	15IM564 /Human Resource Management/5th	Collaborative learning	Role play on delphi technique
Dr. W Yerriswamy	Facilities Planning and Design/15IM71/7th	Case based	Use of Ranked position weighted method (RPW) for assembly line balancing
Vanishree Beloor	Operations Management/15IM72/7th	Active Learning	Construction of decision tree using TreePlan and MS Excel. Forecasting of demand, Aggregate planning using MS Excel .
Dr M Vijaykumar	Project Management/15IM73/7th	Active Learning	Construct CPM for a given network diagram using M S Project software.
U Krishna Prasad	Marketing Management/15IM741/7th	Active learning	Quiz 1 Quiz 2
Rashmi S	Organizational Behaviour/15IM753/7th	Collaborative Learning - Group Discussion	Debate on shortcuts in perceptual thinking and judgments