



Faculty Development Program
on
“Effective Pedagogical Practices in Teaching Mechanical Engineering Courses”
Organised by
Academic Staff College, KLEF
16-12-2020 to 22-12-2020

Academic Staff College, KLEF, is organizing a one-week Faculty Development Program on **“Effective Pedagogical Practices in Teaching Mechanical Engineering Courses”** for all the faculty members of the Department of ME starting from the afternoon session of 16/12/2020, till 22/12/2020 morning session. Resource persons are derived from both internal resources (senior Professors) and External (Industry Experts). 55 Faculty from the ME department had participated.

Details of Resource Persons and Day wise schedule is shown below:

Date & Time	Topic	Resource Person Designation	Photo
16-12-2020 (2:00 PM to 4:00 PM)	AI in Industry 4.0	Dr. Sheela Siddappa Chief Advisor- Data Science Robert Bosch Engineering and Business Solutions Private Limited Bangalore	
17-12-2020 (10:00 AM to 12:00 Noon)	Introduction to Machine Learning	Mr. R. Venkatesh Assistant Professor, Mechanical Engineering Department, KLEF. He is skilled in Artificial Intelligence and Internet of Things.	

17-12-2020 (2:00 PM to 5:00 PM)	Machine Learning and its Applications	Ms. M Geetha Pratyusha Co-Founder and Tech. Manager at Sytiqhub Educational Services Pvt. Ltd. She is skilled in Embedded systems and Internet of Things. Had two years of industrial experience in IoT.	
18-12-2020 (10:00 AM to 04:00 PM)	Generic Product Development Process: Concept Generation and Selection	Dr. Mohammed Rajik Khan Associate Professor & Former Head, Department of Industrial Design, National Institute of Technology, Rourkela, Pin: 769 008, Odisha, India	
19-12-2020 (10:00 AM to 04:00 PM)	Recent developments in Additive Manufacturing	Dr.Siba Sankar Mahapatra Professor (HAG) Department of Mechanical Engineering National Institute of Technology, Rourkela Odisha-769008	
21-12-2020 (10:00AM-11:00AM)	Solar Energy Utilization	Dr. G. Murali Professor, Department of Mechanical Engineering, K L E F, Green Fields, Vaddeswaram, Guntur District, A.P	
21-12-2020 (11:00AM-12:00Noon)	Wind Energy Utilization	Dr. K.V. Narasimha Rao Professor, Department of Mechanical Engineering, K L E F, Green Fields, Vaddeswaram, Guntur District, A.P	

21-12-2020 (2:30PM-4:30PM)	Properties of a Pure Substance and P-V-T Behavior of Substances	Dr. G. S. V. L. Narasimham Chief Research Scientist, Department of Mechanical Engineering, Indian Institute of Science, Bangalore-560 012	
22-12-2020 (10:00AM to 12:00 Noon)	Vapour Power Cycles and Applications	Dr. K. Ramakrishna Professor, Department of Mechanical Engineering, K L E F, Green Fields, Vaddeswaram, Guntur District, A.P	
22-12-2020 (2:30PM to 4:30PM)	Air Standard Cycles and Applications	Dr. G. S. V. L. Narasimham Chief Research Scientist, Department of Mechanical Engineering, Indian Institute of Science, Bangalore-560 012	
22-12-2020 (10:00 AM to 12:00 Noon)	Robotics (for Design and Robotics Group faculty)	Dr A Srinath Principal ASC, KLEF. (Former UGC-Research Awardee 2012-14). Handling Research project worth over 45 Lakhs from UGC, DST and AICTE in the field of Medical Robots for surgical and clinical applications.	

Dr A Srinath

Principal – Academic Staff College