

KONERU LAKSHMAIAH EDUCATION FOUNDATION
DEPARTMENT OF MECHANICAL ENGINEERING
List of Faculty Orientation Lectures Delivered by Department Faculty

Sl No.	Name of the faculty	Date of FOL	Title of Lecture
1	Mr. Phenindra Kshatra D	February 2, 2020	Industry 4.0 Implementation: is it a friend or Foe?
2	Mr. D Bhaskar	May 2, 2020	Quantum cryptography
3	Mr. Shiva Kishore Babu		Analysis of Quality in Solid State Welding
4	Mr. PSN Venkat		Applications of augmented reality in IOT
5	Mr. K Sai Sarath	December 2, 2020	Introduction to python Programming, its features and Application
6	Mr. Shanmukha Prasad		Structure Analysis of beam
7	Mr. K Bhaskar		Machine learning and its Algorithms
8	Mr. J Naveen	February 19, 2020	Thermal Analysis of Flex Nozzle system
9	Mr. V Naga Raju	April 3, 2020	Solar Desalination
10	Mr.Karimulla Syad		Digital Manufacturing
11	Mr. K Shasikant		Course coordinator module in ERP
12	Mr. Vinay Atgur	November 3, 2020	Numerical analysis of Combustion characterization of a four-stroke diesel engine fuelled with biodiesel
13	Dr. Y Kalyana Chakravarthy		New trending Technology on Robotics
14	Mr. B Kiran Kumar		Significance of Tooling Hole in Manufacturing
15	Dr. A Srinath	March 31, 2020	Life skill Session 1
16	Dr. A Srinath	January 4, 2020	Life skill Session 2
17	Mr. Ratna Prasad		Rapid Prototyping
18	Mr Allaparaju	February 4, 2020	3D Printing
19	Dr. A Srinath	March 4, 2020	Life skill Session 3
20	Mr. Ramsastry	June 4, 2020	Life skill Session 4
21	Mr. G. Arun Kumar	June 24, 2020	BLOOD AND ALKALINE WATER FOR BETTER IMMUNE SYSTEM
22	Dr. D. Kiran Kumar	June 25, 2020	Introduction to Design Thinking
23	Ms. Kanthimathi	June 29, 2020	Nanofluids-preparation, characterization and applications
24	Dr. Himanshu Mishra	June 30, 2020	An Introduction to WAAM
25	Dr.K.Venkatesan	July 11, 2020	BIOFUEL EMULSION IN INTERNAL COMBUSTION ENGINE
26	Mr.T Eswar Rao	July 11, 2020	Interactive Geometric Simulations using OpenGL
27	Dr. Anshuman	July 11, 2020	Machining Performance Analysis of Corner-Cut WEDM in Inconel 718
28	Dr.Sudhakar Babu	July 15, 2020	Multi-Mode Heat Transfer Studies from a Non-Uniformly and Discretely Heated Electronic Board"
29	Mr.P Vijay	July 15, 2020	3D PRINTING
30	Mr.Babu Raja	July 15, 2020	SYNTHESIS AND CHARACTERIZATION OF ALUMINIUM-BLA METAL MATRIX COMPOSITE BY STIR CASTING TECHNIQUE
31	Dr.S.N.Padhi	July 22, 2020	Design,fabrication and application of thin films of novel oxide materials.
32	Dr.G Murali	July 22, 2020	Measuring your research Impact
33	Mr.RanganathLolla	July 22, 2020	SCULPTING (OR) FORM TOOL IN FUSION 360 SOFTWARE

34	Dr.S Srinivasa Rao	July 29, 2020	Introduction to Python Graphics
35	Mr. K Sreenivasareddy	July 29, 2020	EXPERIMENTAL INVESTIGATION ON COMPRESSION IGNITION ENGINE USING BIO DIESEL
36	Mr.AVS Ram Prasad	July 29, 2020	Machinability of difficult to cut materials
37	Mr.K Shashikanth	July 27, 2020	uploading teaching material in LMS module
38	Mr.T Eswar Rao	August 3, 2020	KLU PROJECT MANAGEMENT INTERFACE
39	Mr.P.Naga Venkat	August 5, 2020	Writing a research paper and thesis using LaTeX
40	Dr.N.Tamiloli	August 5, 2020	Multi-Response optimization
41	Dr.K.V.Narasimha Rao	August 5, 2020	Energy Conservation Opportunities in HVAC Systems: Part 1
42	Mr.S.RAMESH KUMAR	August 12, 2020	yield forecasting using ML
43	Dr.K.V.Narasimha Rao	August 19, 2020	Energy Conservation Opportunities in HVAC Systems: Part 2
44	Dr. K.Kishore Bbau	August 19, 2020	Overview of MEMS and Microsystems
45	Dr. M.B.S.Sreekar Reddy	August 19, 2020	Population-based Heuristic Approach: TLBO--A case study
46	Mr.K.Someswar Rao	August 24, 2020	Introduction to "the brain of an automotive engine"
47	Mr.D BHASKAR	September 2, 2020	Gut Immunity in Health and Disease
48	Dr.B.V .Dharmendra	September 2, 2020	PRANAYAMA FOR HEALTH AND WELLNESS
49	Mr.R .Venkatesh	September 2, 2020	Artificial intelligence - Everywhere
50	Dr.Himanshu Mishra	September 9, 2020	Future of 3D printing(WAAM).
51	Mr.K.Nitin Dattatreya	September 9, 2020	An Introduction to Data Visualization
52	Mr.Syed Karimulla	September 9, 2020	swarm robotics
53	Mr.M HARISH	September 16, 2020	Construct a prototype in engineering design process
54	Dr.Atul Bhattad	September 16, 2020	USE OF NANOFLUIDS AS SECONDARY REFRIGERANT
55	Dr.G.Yedukondalu	September 16, 2020	State Space Model
56	Mr.Indra Reddy	September 23, 2020	Methodologies and Techniques for Advanced Maintenance
57	Mrs.T.Kanthimathi	September 23, 2020	Liquid Nitrogen as a Non-polluting Fuel.
58	Dr.Y.Kalyan Chakravarthy	September 23, 2020	The future of Robotics Technology
59	Mr.Rahul	September 10, 2020	Overview of Industry 4.0
60	Dr.N. Rajesh	September 10, 2020	Computational Heat Transfer
61	Mr. R.Venkatesh	September 10, 2020	Overview of Artificial intelligence
62	Mr.Santhosh Kumar	October 14, 2020	High Entropy Alloys
63	Mr.P.Ratna Prasad Chowdary	October 14, 2020	Conducting Successful Kaizen Event
64	Mr.Vinay Atgur	October 16, 2020	Application of Thermoanalytical methods in combustion research
65	Mr.K.Sivakishore Babu	October 28, 2020	Life Cycle of Machine Learning
66	Mr.J .Naveen	October 28, 2020	THERMAL ANALYSIS OF FLEX NOZZLE SYSTEM OF A COMPOSITE ROCKET MOTOR CASING
67	Mr.T.Eswar Rao	October 28, 2020	Interactive Geometric Simulations using OpenGL-2
68	Dr.Abdul Munaf	November 10, 2020	FEM of Forces generated in Turning process using Deform 3D software
69	Mr.V. Nagaraju	November 10, 2020	Recent developments in single slope solar still
70	Mr.Appalaraju	November 10, 2020	3D Printing

71	Mrs.Sirisha Koneru	November 12, 2020	Augmented reality and Virtual Reality
72	Mr.TT Sandeep	November 12, 2020	Application of Machine Learning in Solving and Predicting Mechanical problems
73	Dr.S. Srinivasa Rao	November 12, 2020	Introduction to python-2
74	Mr.Nitin Pochent	November 24, 2020	Advanced Driver Assistance Systems
75	Mr. Anna Eshwar	November 24, 2020	Design patent vs Utility patent
76	Mr.Ramesh kumar	November 24, 2020	Introduction to tensor flow and tensor board for robots
77	Mr.Sai Sarath	November 28, 2020	MATLAB for Engineering Solutions
78	Dr.M.Nageswar Rao	November 30, 2020	Flexible Manufacturing System Scheduling through Artificial Intelligenc
79	Mr. P.S.N Venkat	November 30, 2020	Latex report writing
80	Dr.Abdul Munaf	February 12, 2020	How to enhance the productivity of Press Tool
81	Mr.V. Nagaraju	February 12, 2020	Application of Machine Learning in Solving and Predicting Mechanical Problems
82	Mr.Appalaraju	February 12, 2020	Complaint mechanisms
83	Mrs.Sirisha Koneru	December 9,2020	Condition monitoring
84	Mr.TT Sandeep	December 9,2020	Numerical analysis of heat transfer through a triangular fin
85	Dr.S. Srinivasa Rao	December 9,2020	Solving SM problems by Python program
86	Mr.Nitin Pochent	December 16, 2020	Taguchi Based Otimization :A Case Study
87	Mr. Anna Eshwar	December 16, 2020	Thermal Energy Storage
88	Mr.Ramesh kumar	December 16, 2020	An overview of MEMS micro machining,
89	Mr.Sai Sarath	December 23, 2020	Quality tools and Techniques
90	Dr.M.Nageswar Rao	December 23, 2020	USE OF NANOFLUIDS AS SECONDARY REFRIGERANTS
91	Mr. P.S.N Venkat	December 23, 2020	Automation Control Systems
92	Dr. P. Kasi V Rao	June 1, 2021	Nanomaterials and Applications
93	Dr. K. Venkatesan	September 1, 2021	CI engine using Bio oil obtained from Biomass pyrolysis as Fuel
94	Dr. B. V. Dharmendra	January 20, 2021	Smart Materials
95	Dr. K. V. Narasimha Rao	January 23, 2021	Air Pollution and It's Impact
96	Dr. S. S. Rao	January 27, 2021	Shear Force and Bending Moment diagram through Python
97	Mr. Nitin Kamitkar	January 28, 2021	Introduction to Photogrammetry
98	Dr A Srinath	March 2, 2021	Bio Mimetics and Bio Inspired Robots
99	Mr.K.Shasikant,	March 2, 2021	Hands on Training on KL LMS Module
100	Mr TT SANDEEP	May 2, 2021	LinkedIn Learning
101	Dr. Atul Bhattad	February 10, 2021	Heat Exchanger Designing
102	Mr. T.Eswara	February 10, 2021	Simulation of Arduino sketch using Tinker CAD
103	Dr. A Munaf	February 17, 2021	Wear analysis of SS-304 coated with Co-Cr Alloy
104	Dr. G Murli	February 18, 2021	Battery Thermal management system for Evs
105	Mr. Sayed Karimulla	February 20, 2021	Recent Technology in Robotics
106	Dr. T Srinivasan	February 24, 2021	Single point incremental forming method
107	Mr. K.M.V.Ravi teja	February 24, 2021	Thermal Advancments
108	Mr.T Eswara Rao	February 24, 2021	Projects.kluniversity.in
109	Dr. B. Nageswara Rao	March 3, 2021	Taguchi's design of experiments for Industrial applications
110	Dr. K Kishore Kumar	March 3, 2021	Overview on Robot vision
111	Dr. P Issac Prasad	March 3, 2021	Emissions-AQI

112	Mr. Shashikant	March 14, 2021	ERP Module (Exam Related uploading)
113	Dr. Himanshu Mishra	March 14, 2021	ERP Module (faculty and staff affairs)
114	Ms. K Shireesha	March 17, 2021	Article writing using Latex
115	Dr. N Rajesh	March 17, 2021	Computational heat transfer towards thermal management of electronics
116	Mr. R Venkatesh	March 17, 2021	Model Reference Adaptive control
117	Mr. J Naveen	March 24, 2021	ERP Module on PNT
118	Mr. S Ramesh	March 24, 2021	Architecture of Fuzzy Logic Controller
119	Mr. K Santosh Kumar	March 25, 2021	High Entropy Alloys
120	Mr. L Ranganath	March 31, 2021	Additive Manufacturing And Its Applications Demo On How To Slice A 3D Model And To Print In Creality Ender Printer (FDM Machine) Slicing Using Cura
121	Mr. K Lokesh	March 31, 2021	PCM based heat sinks
122	Dr. T Vijaya Kumar	March 31, 2021	Nanoparticles to Nanofluids
123	Mr. V shanmukha Prasad	October 4, 2021	Equal chammel angular pressing
124	Mr. Karimulla syed	April 17, 2021	Development of an expert System using AI
125	Mr. K Bhaskar	March 17, 2021	LabVIEW
126	Dr. M Nageswara rao	April 17, 2021	Lecture Topic: Genetic Algorithm
127	Dr. P Kasi visweswara rao	April 22, 2021	Fundamental of multibody dynamics analysis with admas
128	Mr. Vinay Atgur	April 22, 2021	Application Analysis Technique in combustion Research
129	Mr. S Ramesh Kumar	April 24, 2021	Development of an expert System using AI
130	Mr. K Srinivasa Reddy	May 5, 2021	Experimental investigation on performance of 4 stroke compression ignition engine using rice bran oil eysters
131	Mr. A Indra Reddy	May 5, 2021	Expert setting for 3D printing parameters for PLA material.
132	Mr. T Eswara rao	May 5, 2021	Interactive geometric simulation of mechanical components using open GL
133	Dr. N Tamiloli	July 5, 2021	Multi response optimization.
134	Dr. Sudhakar babu	August 5, 2021	Numerical heat transfer analysis of a discretely heated rectangular electronic board with multiple heat sources
135	Dr. G Yedukondalu	October 5, 2021	Artificial Intelligence
136	Mr. K Sai Sarath	November 5, 2021	MATLAB for Engineering Solutions
137	Dr. MBS SREEKARA REDDY	December 5, 2021	TLBO: A case study
138	Dr. Y Kalyan Chakravarthy	May 13, 2021	Prosthetics: Past, Present and Future
139	Dr. Anshuman Kumar	May 14, 2021	“MOORA” an Optimization Technique
140	Prof. Dr. K V NARASIMHA RAO	May 15, 2021	14-05-2021
141	Mr. P RATNA PRASAD	May 17, 2021	Lean/Six Sigma – Concepts and Principles
142	Mr. B KIRAN KUMAR	May 18, 2021	Fine Blanking
143	Prof. Dr. G Murli	May 19, 2021	Understanding research metrics-an overview
144	Mr. PSN Venkat	May 20, 2021	Use of LaTeX for writing research Paper easily
145	Mr. R. SANTOSH KUMAR	May 21, 2021	High Entropy Alloys
146	Dr. Atul Bhattad	May 22, 2021	HYDROGEN AS AN AIRCRAFT FUEL

147	Mr. L Ranganth	May 24, 2021	Start Modelling the way you want using Fusion 360 (Form Tool) and print from Fusion 360
148	Mr. MNVRL Kumar	May 25, 2021	3D printing process parameters and basics of dynamic mechanical analysis
149	Ms. T Kanthimathi	May 26, 2021	Heat transfer Enhancement Techniques
150	Prof. Dr. S.S.Rao	May 27, 2021	Overview of FAGOR CNC SIMULATOR
151	Mr. M Harish	May 28, 2021	Creating simple Web pages by using HTML language
152	Dr. N Rajesh	May 29, 2021	Magneto-Hydrodynamics of open and closed systems in heat transfer
153	Dr. K Kishore kumar	May 31, 2021	Over view on MEMS
154	Mr. K Shashikant	January 6, 2021	ERP Module
155	Dr. D. V A Rama Sastry	February 6, 2021	Faculty motivation and objective setting
156	Mr. V Naga Raju	March 6, 2021	Recent developments in solar stills
157	Mr. A. Eswar kumar	April 6, 2021	Overview of IIC: Functions & opportunities
158	Mr. Sayed Karimulla	April 6, 2021	Trajectory planning
159	Prof. Dr. S.N.Padhi	May 6, 2021	Structural and Electrical properties of Nano ceramic films

Head of the Department