

MOHAMED SATHAK A J COLLEGE OF ENGINEERING

DEPARTMENT OF MECHANICAL ENGINEERING

ACADEMIC YEAR 2022-23

S.NO	Name of The Event	Resource Person	Type of Event	Date	Coordinator
1	Hands-On Training On Ultrasonic Non-Destructive Testing	Mr. A Agan, Junior Engineer QA/QC, Tecknoweld Alloys India Pvt Ltd Mr. Shivaramnath K Senior Testing Engineer,	Workshop	11.05.2023	Coordinator Mr.J.Rajesh, Mechanical Mrs. AA Muhamed Irfan, Mechanical
2	An Overview of HVAC and Its Opportunities	E.MOHANRAJ SCIENTIFIC OFFICER/E, Materials Chemistry & Metal Fuel Cycle Group (MC&MFCG), IGCAR, DAE, Kalpakkamrt)	Guest Lecture	04.02.2023	Co-ordinator Dr.S.Prasath, Head-Mech Mr.L.Tharanikumar, AP/Mech Mr.V Vigneshwaran V, AP/Mech
3	Design Thinking, Critical Thinking & Innovation Design	N.Sivashanmugam, Asst. Pro (SG) & IIC Member RIT, Chennai	Webinar	21.02.2023	Mr.S.R.Mohan, AP/Mech Mr.D.Sakthivel, AP/Mech
4	IOT in Hydraulics and pneumatics	N.Sivashanmugam, Asst. Pro (SG) & IIC Member RIT, Chennai	Guest Lecture	17.05.2023	Mr.J Rajesh, AP/Mech

5	How to plan for startup and legal & ethical steps	Charan Sanjeev Tadimalla, Entrepreneurship Development Trainer	Webinar	30.03.2023	Mr.V Vigneshwaran V, AP/Mech Mr.J.Rajesh, AP/Mech
6	Industrial Safety	Expert from Genesis Academy, Chennai	Seminar	01.03.2023	Mr.A A Muhammad Irfan, AP/Mech Mr.Rajesh J, AP/Mech
7	SMART MINDS HACKATHON 2023 - Stage 1	Mr. M V Murali, Managing Director, ECOLANDSCAPERS Mr. Nazeef Hussain, Project Manager, Highbrow Interactive Pvt Ltd	Competition	24.03.2023	Dr. Shunmugasundaram M, Mr. Vigneshwaran V
8	SMART MINDS HACKATHON 2023 - Stage 2	Rathnam Techno Campus, Coimbatour	Competition	28.04.2023	Dr. Kamalselvan A, AP/EEE Mrs. Priya, AP/CSE
9	Compounding in Steam Turbine & Gas Turbine Cycles	Dr.G.Muthu, Assosiate Professor, Department of Mechanical Engineering, Rajalakshmi Institute of Technolo	Guest Lecture	17.05.2023	Mr.Vigneshwaran V, AP/Mech

10	The Significance of Design in Mechanical Engineering	Pavithran P DP Expert Petricore Technologies Engineering Services Pvt Ltd	Guest Lecture	11.05.2023	Mr.Tharanikumar L, AP/Mech
11	Young Minds - The NXT (Time to Empower yourself)	Mr. Prakadesh Subramanian, Founder & CEO, Zero 2 Billion	Seminar	13.05.2023	Mr.Tharanikumar L, AP/Mech Mr.D Sakthivel, AP/Mech

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ACADEMIC YEAR 2021-22				
S.No	Event Name	Gap	Date-Month-Year	Resource Person with Designation
1	Career Enhancement through GATE	Importance of GATE	05-06-2021	Mr.Murali Karthikeyan, Academic Head - Gate, Time, Chennai
2	CVD & PVD coating techniques and Coating Characterization	Internal Surface Coating	08-06-2021	Dr.T.Sampath kumar, Asso.Professor, VIT, Vellore
3	Preparation Strategy for Common Admission Test (CAT)	Importance of CAT	10-06-2021	Mr.Sathyanarayanan K S, Production Head, TIME
4	Robotics in Industry 4.0	Application of Robotics in Industries	10-06-2021	Mr.SriramNagarajan, CEO, ROBORAM, Nagarkoil
5	Role of CFD in Mechanical Engineering	Importance of Computational Fluid Dynamics	12-06-2021	Dr. Kulasekaran, CFD Manager, Fiat Chrysler Automobiles, Chennai
6	Covid19 & higher education creating a paradigm shift in the course delivery	Impact of COVID on Education	23-06-2021	Dr. Maram Marimuthu, Associate Professor, Universiti Teknologi Petronas
7	How to plan for startup and legal & ethical steps	Importance of Startup	17-08-2021	Dr.Vinoth, Startup Venture builder, Chief startup designer Pongu Venture. Pvt.Ltd, Chennai
8	Problem solving and ideation	Problem Solving and Idea Generation	15-09-2021	Dr.Deepthi Bendi, Department of Architecture & Planning, NIT, Calicut
9	Libre Office Suit	Certification Course on Libre Office Suit	28-06-2022	Mr. Partik Kamble, Spoken Tutorial, IIT Bombay
10	Open Foam Version 7	Certification Course in Open Foam Version 7 (CFD Analysis)	29-06-2022	Ashley Melvin & Swetha Sridhar Spoken Tutorial, IIT Bombay
11	Introduction to Multibody Dynamics	Anna University Approved Value Added Course (Study on Dynamics of Multibody)	05-04-2021	Mr.J. Jabin, AP/Mech, MSAJCE One Credit VAC Approved by Anna University
12	Training on 3D Printing	Application of Additive Manufacturing	01-06-2022	Mr. S Syed Abuthair/ Mr.D.Sakthivel, AP/Mech, MSAJCE
13	Training on Hyper mesh	CFD Analysis	01-06-2022	Mr.P.Saravanan / Mr.J.Rajesh, AP/Mech, MSAJCE
14	Training on CNC	Hands on Training on Computer Numerical Control	03-01-2022	Mr. S Syed Abuthair/ Mr.D.Sakthivel, AP/Mech, MSAJCE
15	Electric vehicle Basics	Importance of Electric Vehicle	03-01-2022	Mr.S.R. Mohan, AP/Mech & Mr. C Venkatesh, AP/EEE, MSAJCE
16	Training on Non Destructive Testing	Hands on Training of Non Destructive Testing	03-01-2022	Mr.V Vigneshwaran / Mr.J.Rajesh, AP/Mech, MSAJCE

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ACADEMIC YEAR 2020-21				
S.No	Event Name	Gap	Date-Month-Year	Resource Person with Designation
1	Study on Dynamics of Multibody	Introduction to Multibody Dynamics	05-04-2021	Mr. S. R. Mohan, AP/Mech
2	Overview of 3D Printing	Fusion 360 Modeling and Analysis	01-06-2020	Autodesk Fusion 360 & Mr. P. Saravanan, AP/Mech Powered
3	Trends in Advanced Manufacturing Technology	Webinar on Advance manufacturing Technologies	22-06-2020	Dr. T. Sundarajan, Head-R&D, Wheel India Limited, Chennai
4	Modelling and its scope	Webinar on Automotive OEM, CAD/CAE Process	25-06-2022	1. Mr. Binu Sebastain, Vehicle Design Quality Manager, LYNK, South Korea 2. Mr. Nguyen Thanh Tinh, CAD/CAE Tool Automation Expert, LYNK, Vietnam 3. Mr. Karthikeyan, Vehicle Design Manager, LYNK, South Korea
5	Importance of Lean Manufacturing	Webinar on Lean manufacturing Basics	04-07-2020	Mr. S. Kulasekaran, GM - Operations, Numeric UPS Group brand of legrand, Chennai
6	Overview of Supply Chain	Webinar Supply Chain Overview	11-07-2020	Mr. Karthik Athiban N, Nison India, Chennai
7	Importance of Research Paper Publication	Effective-quality research paper writing and publishing in high impact journals	02-08-2020	Dr. Suresh Sagadevan, Associate Professor, University of Malaya
8	Scope of Heating, Ventilation and Air Conditioning	Overview of HVAC Systems	10-10-2020	Dr. R. SARAVANAN, Vice President-Communications, ISHRAE HQ, Chennai
9	Overview of Fatigue Testing	Industrial Approach On Fatigue Testing In Product Development Process	08-12-2020	Mr. Vijayakumar N, General Manager Head – System Evaluation & Fatigue Lab, Mahindra & Mahindra, Chennai
10	Overview of Braking System	Fundamentals on Automotive Braking System	11-12-2020	Mr. Silambarasan Ramadoss, Assistant Manager – Brakes Engineering, CHASSIS-2 Engg Department, Renault Nissan Technology, Chennai
11	Application of Machine Learning	Introduction to ML using Python and its importance & Advantages	16-12-2020	Mrs. Bhanumathi Subramaniyan, Senior Manager – Wise Tech, Wise Tech Source, Chennai
12	Importance of Electric Vehicle	Moving Towards Vehicle Electrification	19-12-2020	Mr. Pradeep Chandrasekaran, General Manager, R&G Forge Motors Ltd., Pune.
13	Hands on Training in AC and Refrigerator	Basic Refrigeration and Air conditioning (Maintenance & Service)	27-04-2021	Mr. P. Parthasarathy, Manager- Training Division, GODREJ and BOYCE Mfg. Co. Ltd, Chennai

14	Awareness on ArtificialIntelligence	Role of Artificial Intelligence inMechanical Engineering	12-05-2021	Mr.Aravind Raman V K, Senior Software Developer, Block hash Technologies Pvt Ltd
15	Awareness on O2Generation	An overview of Oxygen gasgeneration methods	23-05-2021	Mr. D. Jagadishan. Scientific officer - grade F in Indira Gandhi Centre for Atomic Research, Dept. ofAtomic Energy, Govt. of India. Kalpakkam. (ISHRAE Professional Society Event)

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S.No	Event Name	Gap	Date-Month-Year	Resource Person with Designation
1	GD&T and IndustrialStandard	CREO – Harness Design, GD&T –Industrial Standard	03-06-2019	CREO – Harness Design, GD&T – Industrial Standard
2	3DModelling	CATIA – Solid Model	03-06-2019	AlphaCADD & Mr. Deepak, AP/Mech
3	Overview on AnsysFluent	Computational Modelling in FSI	18-05-2020	Mr.J.Jabin, CFD Engineer, NexGen Solution, Chennai
4	Awareness on IPR	Workshop on Intellectual PropertyRights	02-06-2020	1. Mr. A.Raja, Asst.Controller of Patents & Design, Patent Office India, Chennai 2. Dr.R.Bhanumathi,Asst.Controller of Patents & Design, Patent Office India, Chennai