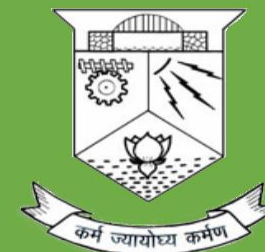




Schedule of IMMM 2017



DETAILED SESSION-WISE AND SLOT WISE DISTRIBUTION OF PRESENTATIONS MECHANICAL ENGINEERING

Venue for Conference – College of Engineering, Trivandrum

Day 1, July 13, 2017 Inaugural Function

8.30 am -9.30 am	Registration Venue: Seminar Hall 3 (Main Building) – Dept. of Mechanical Engineering
9.30 am -11.00 am	Inauguration and keynote address: Dr. Unnikrishnan Nair, Prof. IIMK Venue: CETAA Hall
11 am -11.30 am	Tea Break
11.30 am – 12:45 pm	Keynote address by Prof. Luis Rojas-Solórzano Nazarbayev University (School of Engineering) Astana, Republic of Kazakhstan Topic: Energy Management in Buildings
12:45 pm – 01:30 pm	Lunch 1st floor, Diamond Jubilee Hall
1.30 pm – 2.45 pm	Plenary Lecture by Dr. Md. Mamun Habib BRAC Business School (BBS), BRAC University, Bangladesh. Topic : Supply Chain Management (SCM): The Latest Innovation in Industrial Engineering

Day 1, 13 July 2017 [Parallel Sessions]

Session 01/a

Venue : ME Seminar Hall 1- ME1 202

Time : 03:00 pm – 04:30 pm

Chair 1: Dr. Godson Asirvatham L.

Chair 2: Dr. G. Venugopal

Session Manager: Dr. Abhilash Suryan.

<i>Code</i>	<i>Track</i>	<i>Title</i>	<i>Author(s) Presenting</i>
93	Fluid Mechanics	CFD Study on Window Buffeting for a Passenger Car	Ameya Nikam
117	Heat Transfer	Influence Of Stationary Heated Cylinder On The Convective Heat Transfer Of Heated Rotating Cylinder In Vertical Alignment	Monisha Mathew
174		Experimental Investigation Of Thermo-Physical Properties Of Refined Kerosene –Alumina nano fluid	Aldin Justin
176		Experimental Study on Leidenfrost Water Droplets Impact on Heated Aluminium Ratchet Surface	Sangeeth Rameshan

Session 01/b

Venue: ME Seminar Hall 2-ME 1 201

Time : 03:00 pm – 04:30 pm

Chair 1: Dr.Ganeshan Kaliappan

Chair 2: Dr.V.R Rajeev

Session Manager: Prof.R.R Ajith

55	Tribology/Material Science	Dynamic Characterization of Hub Bearing Unit (HBU) and HBU Seals	Rohit Chaudhari
57		Effect of grain refiner (0 to 1 wt. % Al-5Ti-B) addition on the micro-structural and hardness characteristics of Al 336 alloy	Sebin Zaviar

06:30 pm – 09:30 pm

**Grand Gala Dinner
Hotel Residency Tower, Statue Jn, Thiruvananthapuram**

Day 2, July 14,2017

09:30 am_ 10:45 am	Keynote address by Dr. Rajamohan Ganesan Senior Lecturer Mechanical Engineering, Curtin University, Malaysia Topic: Mixed Convection and Surface Radiation Heat transfer in thermal-energy conversion devices
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Session 02
Venue: ME Seminar Hall 1-ME 1 202
Time :11:15 am – 12:45 pm
Chair 1: Dr. Praveen Krishna
Chair 2: Dr. Anup
Session Manager: Dr. R. S. Mini

12	Machine Design	Study On Extension Springs Hook Geometry Using FEA Technique for Moulded Case Circuit Breaker	Ajinkya Shirurkar
18		A Study Of Temperature And Damping On Vibrations Of Elastic Infinite Plate	Narender Kumar Sarswat
101		Design of Flapping Wing Mechanism for Bionic Micro Aerial Vehicle	C. Mrudul
150		Mesh dependency study on wrinkling and vibration analysis on pre-stressed membranes	Unnikrishnan K. R.

12:45 pm – 01:30 pm
Lunch
Diamond Jubilee Hall

Session 03
Venue: ME Seminar Hall 1 –ME 1 202
Time : 01:30 pm - 04:00 pm
Chair 1 : Dr. Brijesh Paul
Chair 2: Dr. Raghunathan Rajesh
Session Manager: Dr. K. S. Sunilkumar

84	Industrial Engineering & Management	A Methodology to Detect and Extract Tables from Born-Digital PDF Documents using Deep Learning	Shichin C.
102		Application Of Machine Learning Algorithms To Improve Stock Prediction Using Technical Indicators	R. K. Dhanya
119		Selection Of Site For Seafood Processing Industry Application Of Multi Criteria Decision Making Method	Soumya R. Chandran
131		Ergonomic Design Modifications of de-fibering Machine in Coir Industry- A Case Study	M. Satheeshkumar
178		Analysis of Bus Bunching Effect in Morning Peak Period	Sajikumar S.
179		Digital requirement analysis in a public sector bank after demonetization	Rakhil Krishnan R.

Day 3, July 15, 2017

09:30 am – 10:30 am	Plenary Lecture by Dr.Arul Prakash Associate Professor, IIT Madras Topic: CFD studies on Cooling Technologies		
Session 04 Venue: ME Seminar Hall 1-ME 1 202 Time : 11:00am-12:30 am Chair 1:Dr.Arul Prakash Chair 2: Dr.Anil Lal Session Manager:Dr.Ranjith S Kumar			
43	Computational	Prediction of coherent structures in end-wall flows using hybrid grids developed for Turbo machinery applications..	Abhilash R.
8		Solution Of Momentum Energy Integral Equations For Natural Convection In A Vertical Channel Using Symbolic Computation	M. Jayaram
4		Development and Validation of Finite Elements for Tubular Bonded Joints in Composite Structures	Sajikumar K. S.
177		Design and Performance Analysis of an Annular Aero spike Nozzle	Yousaf Saidalavi T.
12:30 pm- 02:00 pm	Lunch Geo Informatics Lab-First floor, Civil Engineering		
03:00 pm – 04:30	Valedictory Function Talk by Dr. Suresh Das Executive Vice President, KSCSTE & Principal Secretary S & T Department.		