



ICAME 2020 – Programme Schedule

3rd International Conference on Advances in Mechanical Engineering (ICAME 2020)

1st International Conference on Recent Advances in Composite Materials (ICRACM 2020)

February 24 – 29, 2020

Registration open from 24-Feb-2020 morning 08: 30 am onwards							
Day 1 [24-Feb-2020] Pre-conference Workshop							
	Venue 1		Venue 2		Venue 3		
09:00 – 05:00 pm	One Day Workshop on Design of Experiments		Two Day Workshop on Advances in Finite Element Method		Two Day Workshop on Composites		
Day 2 [25-Feb-2020] Pre-conference Workshop							
	Venue 1		Venue 2		Venue 3		
09:00 – 05:00 pm	One Day Workshop on Advances in Thermal Systems		Two Day Workshop on Advances in Finite Element Method		Two Day Workshop on Composites		
Day 3 [26-Feb-2020]							
09:00 - 10:00 am	Reception						
10:00 - 11.45 am	Inaugural function of 3rd ICAME 2020 & 1st ICRACM 2020 @ Dr. T. P. Ganesan Auditorium Chief Guest: Shri. V. Balamurugan, Director, CVRDE, DRDO, Avadi						
01.00 - 05.00 pm	Keynote Speech 1 - (Prof. J. N. Reddy, Texas A&M University, USA) Keynote Speech 2 - (Prof. Debes Bhattacharyya, University of Auckland, New Zealand) Keynote Speech 3 - (Prof Dr.Shantanu Bhowmik, Amrita Vishwa Vidyapeetham, Coimbatore) Keynote Speech 4 - (Prof Dr.Ranjit K Ray, Former Professor, IIT, Kanpur) Keynote Speech 5 - (Prof Dr.Tuan Ngo, University of Melbourne, Australia)						
Parallel Session - 1 st ICRACM 2020							
	Venue 1		Venue 2		Venue 3		Venue 4
01:30 – 5:00 pm	MS		MS		MS		MS
Day 4 [27-Feb-2020] – 3rd ICAME 2020							
09:00 - 10:30 am	Plenary Speech 1 (Venue 1 - G.D. Naidu Hall) Dr. Ranga Srinivas Gunti, Mahindra and Mahindra, Mahindra City						
Parallel Session – 3rd ICAME 2020							
	Venue 1	Venue 2	Venue 3	Venue 4	Venue 5	Venue 6	Venue 7
10:30 - 12:30 pm	ME	DE	TE	MD	ME	TE	Poster
12:30 - 01:30 pm	Lunch						
01:30 - 02:30 pm	Plenary Speech 2 (Venue 1 - G.D. Naidu Hall) Dr. Mayank Mittal, IIT Madras						
02:30 - 05:00 pm	ME	DE	TE	MD	ME	TE	Poster
05:00 – 08:00 pm	Cultural & Conference Dinner (Dr. T. P. G. Auditorium)						
Day 5 [28-Feb-2020]							
09:00 - 10:30 am	Plenary Speech 3 (Venue 1 - G.D. Naidu Hall)						

Prof. Ir. Dr. Jaharah A. Ghani, Malaysia							
Parallel Session – 3rd ICAME 2020							
	Venue 1	Venue 2	Venue 3	Venue 4	Venue 5	Venue 6	Venue 7
10:30 - 12:30 pm	ME	DE	TE	MD	ME	TE	Poster
12:30 - 01:30 pm	Lunch						
01:30 - 02:30 pm	Plenary Speech 4 (Venue 1 - G.D. Naidu Hall) Dr. S. Balamurugan, Director –R&D, Intelligent Research Consultancy Services (iRCS)						
02:30 - 05:00 pm	ME	DE	TE	MD	ME	TE	
03:00 - 10:00 pm	Conference Tour 1 (Site: Marina Beech & City Tour)						
Day 6 [29-Feb-2020]							
Parallel Session – 3rd ICAME 2020							
	Venue 1	Venue 2	Venue 3	Venue 4			
09:30 - 12:30 pm	ME	DE	TE	MD			
12:30 - 01:30 pm	Lunch						
01:30 – 03:00 pm	ME	DE	TE	MD			
03:00 - 04:30 pm	Valedictory						
Day 7 [01-Mar-2020]							
10:00 - 05:00 pm	Conference Tour 2 (Vedanthangal & Mahabalipuram)						

Note: MS: Materials; ME: Manufacturing; DE: Design; TE: Thermal; MD: MultiDisiplinary

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Sl.No.	Paper ID	TITLE OF PAPER	DATE	TIME	VENUE	TOPIC
1st International Conference on Recent Advances in Composite Materials(ICRACM 2020)						
1	MS010	Design of Age-hardenable Aluminium Alloys using ANFIS and GA Sanchari Saha,Swati De,Shubhabrata Datta,....	26-Feb-20	1.30 PM - 5.00 PM	1 Old Active Learning Lab, Mech B block	Materials
2	MS017	Optimization of Laser Parameters and Dimple Geometry for the Improved Tribological Behaviour of Titanium Alloy Prem Ananth M,Ponnuvel S,Sridharan V,Karthikeyan A,Mithun Krishnan R.,	26-Feb-20	1.30 PM - 5.00 PM	1 Old Active Learning Lab, Mech B block	Materials
3	MS020	Evolution of Mechanical Behaviors for Animal fiber and Synthetic Fiber Hybrid Composite for marine Application S.Dinesh,C.Elanchezian,B.Vijayarannath,A.Adinarayanan,S.Guru anantha raman,,	26-Feb-20	1.30 PM - 5.00 PM	1 Old Active Learning Lab, Mech B block	Materials
4	MS026	POROSITY DEPENDENT CAPACITANCE OF THE CRUST LAYER OF VERTICALLY ALIGNED CARBON NANOTUBES Siva K Reddy,Assaf Yaakobovitz,....	26-Feb-20	1.30 PM - 5.00 PM	1 Old Active Learning Lab, Mech B block	Materials
5	MS028	Development of Hybrid Friction Material for Brake Pad Application P. Periyasamy,M. Kamaraj,S. Rangarajan,N. Ramanan,.,	26-Feb-20	1.30 PM - 5.00 PM	1 Old Active Learning Lab, Mech B block	Materials
6	MS029	Experimental Study on the Mechanical Characterization of EPDM/SBR Nanocomposites with Nanoclays K. Mohamed Bak,Raj Kumar G,....	26-Feb-20	1.30 PM - 5.00 PM	1 Old Active Learning Lab, Mech B block	Materials
7	MS041	Influence of TiB2 Particles on the Hardness and Wear behaviour of Al based Composites Prepared by Halide Metal Reaction Niranjan Oommen,S. Sasikumar,....	26-Feb-20	1.30 PM - 5.00 PM	1 Old Active Learning Lab, Mech B block	Materials
8	MS044	Multi-Objective Genetic Algorithm Based Optimization of Age Hardening for AA6063 Alloy Aluru Praveen Sekhar,Supriya Nandy,Swati Dey,Shubhabrata Dutta,Debdulal Das,,	26-Feb-20	1.30 PM - 5.00 PM	1 Old Active Learning Lab, Mech B block	Materials
9	MS049	Designing Fe-based high entropy alloy – a machine learning approach Bodhisattwa Debnath,A. Vinoth,M. Mukherjee,S. Datta,,	26-Feb-20	1.30 PM - 5.00 PM	1 Old Active Learning Lab, Mech B block	Materials
10	MS057	A Review on Characterization and Applications of Titanium-based Shape Memory Alloys by Molecular Dynamic Simulation G. Naresh and G. Rajasekaran	26-Feb-20	1.30 PM - 5.00 PM	1 Old Active Learning Lab, Mech B block	Materials
11	MS002	Effect of fibre alignment on mechanical properties of natural fibre reinforced polymer composites M. Kamaraj; V. Vishnu Vardhan; K. S. Charan; M. Lalith Lochan.	26-Feb-20	1.30 PM - 5.00 PM	1 Old Active Learning Lab, Mech B block	Materials
12	MS003	Comparison studies on mechanical and wear behavior of Stir Cast Al-SiC-B4C Metal Matrix Composites Arun Raj A C ;Vishal S ;S Senkathir ;T Geethapriyan	26-Feb-20	1.30 PM - 5.00 PM	1 Old Active Learning Lab, Mech B block	Materials
13	MS008	SIMULATION OF HIGH VELOCITY IMPACT TEST ON FRP Yash Mishra; Hareesh Kumar; Infanta Mary Priya	26-Feb-20	1.30 PM - 5.00 PM	2 Seminar Hall, Automobile Hanger	Materials
14	MS012	Rice-husk extracted silica reinforced graphite/aluminium matrix hybrid composite Satyam Saini ; Aryan Gupta ; Aman Jyoti Mehta ; Sumit Pramanik	26-Feb-20	1.30 PM - 5.00 PM	2 Seminar Hall, Automobile Hanger	Materials
15	MS037	Investigating suitability of natural fibre-based composite as an alternative to asbestos clutch facing material in dry friction clutch of automobiles G Sundarapandian ; Dr K Arunachalam	26-Feb-20	1.30 PM - 5.00 PM	2 Seminar Hall, Automobile Hanger	Materials
16	MS046	Wear and corrosion behavior of electroless Ni-P- TiO2- Al2O3 nanocomposite coatings on magnesium AZ91D alloy V Krishnakumar,R Elansezian	26-Feb-20	1.30 PM - 5.00 PM	2 Seminar Hall, Automobile Hanger	Materials
17	MS051	The flexural properties of self healing fiber reinforced polymer composites Kanu Priya Jhanji; Asokan R; Amit Kumar R; Sahil Sarkar	26-Feb-20	1.30 PM - 5.00 PM	2 Seminar Hall, Automobile Hanger	Materials
18	MS052	BALLISTIC IMPACT ANALYSIS OF 2D WOVEN KEVLAR/ BASALT COMPOSITE K.KalalThendral; D. Abraham Antony	26-Feb-20	1.30 PM - 5.00 PM	2 Seminar Hall, Automobile Hanger	Materials
19	MS053	Wear testing of polypropylene termina chebula fibres S Ravindran; N Mani; M Kannan; S Santhosh; R Kamal	26-Feb-20	1.30 PM - 5.00 PM	2 Seminar Hall, Automobile Hanger	Materials
20	MS056	Influence of core and matrix modifications on the mechanical characteristics of sandwich composites Selwyn Jebadurai D;Razal Rose A	26-Feb-20	1.30 PM - 5.00 PM	2 Seminar Hall, Automobile Hanger	Materials
21	MS016	Effect of Saw dust, Rice husk and Groundnutshell on properties of Mubi Vintim Clay in Adamawa State Nigeria C. Nathan	26-Feb-20	1.30 PM - 5.00 PM	2 Seminar Hall, Automobile Hanger	Materials
22	MS001	Comparison of lamellar nanostructured cubical and spherical statistical volume elements with respect to mechanical anisotropy and deformation behaviour Srihari Dodla	26-Feb-20	1.30 PM - 5.00 PM	2 Seminar Hall, Automobile Hanger	Materials
23	MS011	EXPERIMENTAL STUDY ON BEHAVIOUR OF NANO MATERIAL CONCRETE COLUMNS S.NATARAJAN and Dr.S.SENTHIL SELVAN	26-Feb-20	1.30 PM - 5.00 PM	2 Seminar Hall, Automobile Hanger	Materials

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Sl.No.	Paper ID	TITLE OF PAPER	DATE	TIME	VENUE	TOPIC
24	MS039	Overview and importance of hole expansion ratio Surajit Kumar Paul	26-Feb-20	1.30 PM - 5.00 PM	3 Sir.Vishveswaraya Hall, CRC Block	Materials
25	MS045	Thermal stability and dynamic mechanical behavior of acrylic rubber(ACM) composites filled with carbon black(CB)/halloysite nanotubes(HNT) hybrid fillers for oil seal applications K.Senthilvel ; N.Subramanian; B.Prabu; A.Arul JeyaKumar;	26-Feb-20	1.30 PM - 5.00 PM	3 Sir.Vishveswaraya Hall, CRC Block	Materials
26	MS060	VIBRATION ANALYSIS OF NITINOL SHAPE MEMORY ALLOY IN CARBON FIBRE REINFORCED POLYMER COMPOSITES Nirmal R ; Gaurav Vajpayee ; Manoj Samson R ; Prakash M	26-Feb-20	1.30 PM - 5.00 PM	3 Sir.Vishveswaraya Hall, CRC Block	Materials
27	MS061	Processing and testing of Aluminium composites with flyash and SiC as hybrid reinforcements Vaddi Thulasikanth ; Prasannjeet Das ; D. Atchan Naidu ; A. Ikrar Basha	26-Feb-20	1.30 PM - 5.00 PM	3 Sir.Vishveswaraya Hall, CRC Block	Materials
28	MS063	Thermal characterizations of Basalt fiber reinforced Poly(aryl-ether-ketone) Biomedical Composites A Queen Alice; A Arul Jeyakumar; M Prakash	26-Feb-20	1.30 PM - 5.00 PM	3 Sir.Vishveswaraya Hall, CRC Block	Materials
29	MS064	WEAR PERFORMANCE OF UHMWPE REINFORCED WITH BASALT FIBER J.Daniel Glad Stephen, M.Prakash	26-Feb-20	1.30 PM - 5.00 PM	3 Sir.Vishveswaraya Hall, CRC Block	Materials
30	TE030	Heat Transfer Analysis of DOT4 Brake Fluid using Concentric Tubes Heat Exchanger Chirag Sharma : Maaz Siddiqui : Mohd Imran : G.Manikandaraja	26-Feb-20	1.30 PM - 5.00 PM	3 Sir.Vishveswaraya Hall, CRC Block	Materials
31	MS015	Experimental investigations on the effect of copper on the microstructure and shape memory characteristics of NiTi alloys Santosh. S; Sampath. V.	26-Feb-20	1.30 PM - 5.00 PM	3 Sir.Vishveswaraya Hall, CRC Block	Materials
32	MS027	Thermal Fatigue Cycle Shock Effects on Physical and Structural Properties of H13 Tool Steels before and after Heat Treatments P. Karthikeyan, SumitPramanik	26-Feb-20	1.30 PM - 5.00 PM	3 Sir.Vishveswaraya Hall, CRC Block	Materials
33	MS024	Development of a novel flow visualisation method to perform parametric studies on Wet Compression Moulding (WCM) process Balaji Muthuvel; Debes Bhattacharyya; Simon Bickerton	26-Feb-20	1.30 PM - 5.00 PM	3 Sir.Vishveswaraya Hall, CRC Block	Materials
34	MS058	Mechanical properties of graphene with defects and its application in Nano Composites – An overview. S. Arun Prasath;G. Rajasekaran	26-Feb-20	1.30 PM - 5.00 PM	3 Sir.Vishveswaraya Hall, CRC Block	Materials
35	MS065	A Comparative Study of Sandwich and Hybrid Sandwich Composites using Jute and Kevlar Natural Fibers Ramprasath B, Murugesan R, Abhik banerjee, Abhinav Anand, Shashank	26-Feb-20	1.30 PM - 5.00 PM	3 Sir.Vishveswaraya Hall, CRC Block	Materials
1	DE001	Design and Development of an Instrument to Measure Coordinates of Spine Curvature Shreyansh Gharde,Debojit Talukdar,M. R. Asif,Murali Subramaniyam,,	27-Feb-20	10.15 AM - 12.30 PM	1 G D Naidu Hall, Mechanical B block	Design
2	DE003	NUMERICAL SIMULATION OF AN INDIAN AUTORICKSHAW MODEL Neha Singh,Saransh Abbey,Pratyush Kumar Singh,Kannan B T,,	27-Feb-20	10.15 AM - 12.30 PM	1 G D Naidu Hall, Mechanical B block	Design
3	DE004	FLOW VISUALIZATION OVER AN INDIAN AUTORICKSHAW MODEL Saransh Abbey,Pratyush Kumar Singh,Neha Singh,Kannan B T,,	27-Feb-20	10.15 AM - 12.30 PM	1 G D Naidu Hall, Mechanical B block	Design
4	DE013	DRAG MEASUREMENTS OF AN INDIAN AUTORICKSHAW MODEL Pratyush Kumar Singh,Neha Singh,Saransh Abbey,Kannan B T,,	27-Feb-20	10.15 AM - 12.30 PM	1 G D Naidu Hall, Mechanical B block	Design
5	DE032	Control of Mach 2 Jet using Sonic Co-flow Keshav Ramesh Sharma,Akash A,Vishal R,Rajkumar S,Bharadwaj K,K.Aravindh Kumar S. M,	27-Feb-20	10.15 AM - 12.30 PM	1 G D Naidu Hall, Mechanical B block	Design
6	DE042	Stress distribution in the preadjusted ceramic orthodontic bracket, tooth, bone and PDL contact assembly – A finite element study V. Magesh,P. Harikrishnan,,,	27-Feb-20	10.15 AM - 12.30 PM	1 G D Naidu Hall, Mechanical B block	Design
7	DE048	Investigation and Analysis on Child rescue system from open bore well D.K.Mohankumar,S.Karthik,K. Chandramohan,Dr.K.C.Udayakumar,,	27-Feb-20	10.15 AM - 12.30 PM	1 G D Naidu Hall, Mechanical B block	Design
8	DE049	Effect of Nozzle Turbulent Intensity in Multiple Round Jets using OpenFOAM Kannan B T,Nikhil Gaur,Balakrishanan P,,,	27-Feb-20	10.15 AM - 12.30 PM	1 G D Naidu Hall, Mechanical B block	Design
9	DE057	Design and analysis of hybrid composite using the finite element method Arindam Talukdar,Arnab Ghosh,Sanchari Saha,Sandipan Roy,Shubhabrata Datta,,	27-Feb-20	10.15 AM - 12.30 PM	1 G D Naidu Hall, Mechanical B block	Design
10	DE060	Finite Element analysis of Patellofemoral joint Prosthetics Shreya Anilkumar,Ashokkumar Devaraj,Raja D.Varshini karthik,,	27-Feb-20	10.15 AM - 12.30 PM	1 G D Naidu Hall, Mechanical B block	Design
11	DE069	VIBRATION ANALYSIS OF METAL – POLYMER SANDWICH STRUCTURE INCORPORATED IN CAR BONNET S. Deepak,K. Vigneshwaran,N. Vinoth Babu,,,	27-Feb-20	2.30 PM - 5.00 PM	1 G D Naidu Hall, Mechanical B block	Design

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Sl.No.	Paper ID	TITLE OF PAPER	DATE	TIME	VENUE	TOPIC
12	DE005	Design and Development of a Low-cost Fluidized Bed Seeding Generator Naresh Kumar M; Gousik R; Sri Vijay Prabhju; and Kannan B T	27-Feb-20	2.30 PM - 5.00 PM	1 G D Naidu Hall, Mechanical B block	Design
13	DE019	Design of automatic side stand and spring compression control system using Arduino programming S RAMANATHAN; S GOWTHAM; E GUGAN; K SAISARAN; M GUHAN	27-Feb-20	2.30 PM - 5.00 PM	1 G D Naidu Hall, Mechanical B block	Design
14	DE022	Smoke based Visualization of Turbulent Swirl Jet Flow Aakash Balachander; Akash Alase; Aditya Menon K; Kannan B T; Mahendra Perumal G	27-Feb-20	2.30 PM - 5.00 PM	1 G D Naidu Hall, Mechanical B block	Design
15	DE024	Numerical Study of Sweeping Jet Actuators Riya jethani; Pranav Nandan Goud; Prayas Bhawalkar	27-Feb-20	2.30 PM - 5.00 PM	1 G D Naidu Hall, Mechanical B block	Design
16	DE027	Preliminary Investigation of Flapping Paper inside a File KANNAN B T	27-Feb-20	2.30 PM - 5.00 PM	1 G D Naidu Hall, Mechanical B block	Design
17	DE039	Seating Comfort Analysis: A Virtual Ergonomics Study of Bus Drivers in Public Transportation S Gowtham; B V Lalith Kumar; M Ramnaath; V Praneeth; S Sudharsan; S.Dinesh; Murali Subramaniyam	27-Feb-20	2.30 PM - 5.00 PM	1 G D Naidu Hall, Mechanical B block	Design
18	DE051	Preliminary Aeroacoustic Measurements of Conditioned Jet Flow from a Circular Nozzle Pujan Dubey ; Yash Malandkar ; Lakshya Tiwari ; Kannan B T	27-Feb-20	2.30 PM - 5.00 PM	1 G D Naidu Hall, Mechanical B block	Design
19	DE062	Comparison of deep learning models for predictive maintenance R.Naren;Dr.J.Subhashini	27-Feb-20	2.30 PM - 5.00 PM	1 G D Naidu Hall, Mechanical B block	Design
20	DE063	performance of un-preprocessed and pre-processed ultrasonic images of carotid artery using cnn algorithm Shalini Varma;Dr.S.Dhanalakshmi;S.Latha	27-Feb-20	2.30 PM - 5.00 PM	1 G D Naidu Hall, Mechanical B block	Design
21	DE012	Rotary vanes to increase turbulence inside the combustor Dr.Suresh Chandra Kkandai; Arivazhagan A; Jesurajanishanth G	27-Feb-20	2.30 PM - 5.00 PM	1 G D Naidu Hall, Mechanical B block	Design
22	DE093	Influence of loading in cervical spine motion segment and stress distribution P Susai Manickam; Vibin Vinod; V B Yogesh; Harin M S; S Balamurugan	27-Feb-20	2.30 PM - 5.00 PM	1 G D Naidu Hall, Mechanical B block	Design
23	DE002	A study of cervical spine morphology variations influence in loading and range of motions using finite element analysis P.Susai Manickam,Vibin Vinod,V.B.Yogesh,Harin M S,S.Balamurugan,,	28-Feb-20	10.15 AM - 12.30 PM	1 G D Naidu Hall, Mechanical B block	Design
24	DE043	A Biomechanical Study on Post-Scoliotic deformity correction. S.Balamurugan,Shantanu Patil,Appaji Krishnan,Kunal Pandey,Shradha R. Iyer,,	28-Feb-20	10.15 AM - 12.30 PM	1 G D Naidu Hall, Mechanical B block	Design
25	DE044	A Biomechanical Study on Scoliosis affected patient before surgery D. Raja,Shantanu Patil,Appaji Krishnan,Shradha R. Iyer,Kunal Pandey,,	28-Feb-20	10.15 AM - 12.30 PM	1 G D Naidu Hall, Mechanical B block	Design
26	DE059	Synthesis and Characterization of Cost effective and Eco-friendly Magneto Rheological Fluid for Aerospace applications Ankamreddi Praveen,B. Shai Sasideep,Jagadeesha T,,,,	28-Feb-20	10.15 AM - 12.30 PM	1 G D Naidu Hall, Mechanical B block	Design
27	DE065	DESIGN AND ANALYSIS OF MULTI FUEL INJECTOR Deepak K,T Lakshmanan,,,,	28-Feb-20	10.15 AM - 12.30 PM	1 G D Naidu Hall, Mechanical B block	Design
28	DE011	DESIGN OPTIMIZATION OF SINGLE EXPANSION RAMP NOZZLE USING COMPUTATIONAL METHOD Suresh Chandra Kkandai,G. Ezhilmaran,Devanandh S,Hari Prasath P,Jesurajanishanth G,Arivazhagan A,	28-Feb-20	10.15 AM - 12.30 PM	1 G D Naidu Hall, Mechanical B block	Design
29	DE026	Preliminary Aeroacoustic Measurements of Free Rotating Rotor Mahima Duseja,Kannan B T,,,,	28-Feb-20	10.15 AM - 12.30 PM	1 G D Naidu Hall, Mechanical B block	Design
30	DE071	Bio-Mechanical behavior of artificial intervertebral disc in lumbar spine B. AJITH,J. DANIEL GLAD STEPHEN,,,,	28-Feb-20	10.15 AM - 12.30 PM	1 G D Naidu Hall, Mechanical B block	Design
31	DE053	Stress Analysis of different cages in cervical vertebrae: A finite element study Sandeep Choudhury; Sandipan Roy; Raja D; Shubhabrata Datta	28-Feb-20	10.15 AM - 12.30 PM	1 G D Naidu Hall, Mechanical B block	Design
32	DE064	Limiting stiffness coefficients analysis of texture foil journal bearing S Arokya Agustin, C.Shravan Kumar T V V L N Rao	28-Feb-20	10.15 AM - 12.30 PM	1 G D Naidu Hall, Mechanical B block	Design
33	DE066	Estimation of critical speeds of cracked rotor supported on ball bearings Pavuluri Uday; J. Prabu; M. Solairaju; C. Shravan Kumar; K. Jegadeesan; T.V.V.L.N. Rao	28-Feb-20	2.30 PM - 5.00 PM	1 G D Naidu Hall, Mechanical B block	Design
34	DE067	Mathematical simulation of vibration signature of ball bearing defect in a rotor bearing system J. Prabu; Pavuluri Uday; M. Solairaju; C. Shravan Kumar; K. Jegadeesan; T.V.V.L.N. Rao	28-Feb-20	2.30 PM - 5.00 PM	1 G D Naidu Hall, Mechanical B block	Design

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35	DE077	An experimental Studies on Strength Properties of Bacterial Concrete "P.Jagannathan; K S Satyanarayanan; Kantha Devi Arunachalam"	28-Feb-20	2.30 PM - 5.00 PM	1 G D Naidu Hall, Mechanical B block	Design
36	DE081	Analysis of carbon fibre bone plate for "B1" type periprosthetic femoral fracture D. Raja; Sandipan Roy; Shantanu Patil; Shubhabrata Datta	28-Feb-20	2.30 PM - 5.00 PM	1 G D Naidu Hall, Mechanical B block	Design
37	DE082	Numerical Prediction of Deflection of a Cylindrical Hollow Structure Due to Steady Wind Loads S. Sravankumar;S. Gowtham;B. V. Lalith Kumar; V. Praneeth;D. Siva Krishna Reddy	28-Feb-20	2.30 PM - 5.00 PM	1 G D Naidu Hall, Mechanical B block	Design
38	DE083	Experimental and analytical stress analysis of spur gear "K Vigneshwaran ", "Dinesh Shanmugam" and "C Balasuthagar"	28-Feb-20	2.30 PM - 5.00 PM	1 G D Naidu Hall, Mechanical B block	Design
39	DE085	Spine Curvature Data Measurement and Its Application on Product Development "Dinesh Shanmugam", "Murali Subramaniyam"	28-Feb-20	2.30 PM - 5.00 PM	1 G D Naidu Hall, Mechanical B block	Design
40	DE086	Finite Element Modeling and Validation of a Human Foot through experimental studies E VIJAYARAGAVAN, T V GOPAL	28-Feb-20	2.30 PM - 5.00 PM	1 G D Naidu Hall, Mechanical B block	Design
41	DE023	Injection Effect on the Near-field Shock Structure of Non-Circular Sonic Jets "G.Kailash ; S.M.Aravindh Kumar"	28-Feb-20	2.30 PM - 5.00 PM	1 G D Naidu Hall, Mechanical B block	Design
42	DE087	Experimental Investigation of Particle Impact Damping on Machine Tools "E MUTHU";"SHASHWAT DASHRA";"P NANDAKUMAR"	28-Feb-20	2.30 PM - 5.00 PM	1 G D Naidu Hall, Mechanical B block	Design
43	DE035	Investigation of bubble size diameter in branched microchannel Balasekhar C. S. K. .P. Tanish;Ayush Mishra;Atul Kushwaha;Pankaj Kumar	28-Feb-20	2.30 PM - 5.00 PM	1 G D Naidu Hall, Mechanical B block	Design
44	DE092	Design, Analysis and Development of Composite Matrix Material Upright of FSAE HARRIS SAMUEL R,DINESH CHOUDHARY,NIRAV CHAUDHARY,SIDDHARTHA DATTA	28-Feb-20	2.30 PM - 5.00 PM	1 G D Naidu Hall, Mechanical B block	Design
45	DE089	Design and Fabrication of Beach Cleaning Machine BALA SUTHAGAR.C.S.DINESH	28-Feb-20	10.15 AM - 12.30 PM	1 G D Naidu Hall, Mechanical B block	Design
46	DE079	Lateral and Torsional vibration analysis of composite shaft U.Rajkiran;A.Vinoth;K.Jagadeesan;C.Shravan	28-Feb-20	10.15 AM - 12.30 PM	1 G D Naidu Hall, Mechanical B block	Design
47	DE094	Mechanical Response of Taper Dental Implants using Finite Element Analysis Vinamra Jain; Vamsi Krishna Dommeti; Emil Nutu; Ali MERDI; Jayanta Kumar Biswas; Sandipan Roy	28-Feb-20	10.15 AM - 12.30 PM	1 G D Naidu Hall, Mechanical B block	Design
48	DE095	STUDY OF MESH STIFFNESS OF SPUR GEAR TOOTH CONSIDERING PITTING DEFECT WITH DYNAMIC LOAD CONDITIONS M.Chandrasekaran; Dr.P.Nandakumar	28-Feb-20	10.15 AM - 12.30 PM	1 G D Naidu Hall, Mechanical B block	Design
49	DE097	Analysis and Development of Mathematical Formulation of Interpolants for a 5-Noded Polygon Element using Wachspress' Interpolation Function. D SANDEEP KUMAR ; P. V. JEYAKARTHIKEYAN	28-Feb-20	10.15 AM - 12.30 PM	1 G D Naidu Hall, Mechanical B block	Design
1	ME002	Effect of heat treatment and plasma arc welding on mechanical and metallurgical properties of Hastelloy C-276 U. Mohammed Iqbal,Muralidharan,S,,,,	27-Feb-20	10.15 AM - 12.30 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
2	ME003	Improvement in forming process using Magnetorheological Fluid Assisted Cushion in Hydraulic Press A.Vijaya,,,,,	27-Feb-20	10.15 AM - 12.30 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
3	ME004	Review on Bio-Material used in rapid prototyping techniques and Its application Saravanan G,Prathish Kumar R,Shrinivansan M,Prakash M,,,	27-Feb-20	10.15 AM - 12.30 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
4	ME025	The role of Laser in Manufacturing of Shape Memory Alloy (SMA) A Karpagaraj,R Ramesh,T Arun selva kumar,N Rajesh kumar,,,	27-Feb-20	10.15 AM - 12.30 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
5	ME005	PROCESS PARAMETER OPTIMISATION OF ABRASIVE WATERJET MACHINING ON MONEL K400 ALLOY S.SENKATHIR ; S.THULASI PRAKASH ; S.SRIRAM ; A.CARUN RAJ ; T.GEETHAPRIYAN	27-Feb-20	10.15 AM - 12.30 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
6	ME031	OPTIMIZATION OF 2D BIN PACKING WITH PRACTICAL CONSTRAINTS USING SELECTIVE BREEDING ALGORITHM Dr. S. K Rajesh Kanna,A, Abdul Munaf,R. Nafeena,,,	27-Feb-20	10.15 AM - 12.30 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
7	ME032	FLOW SIMULATION OF ABRASIVE FLUID JET MACHINING WITH GLYCEROL AND ACRYLAMIDE AS CARRIER MEDIUM USING CFD S.Ramanathan,E.Naveen,R.M.Vignesh,S.K.Sudharson,B.Charan,,	27-Feb-20	10.15 AM - 12.30 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
8	ME033	CONTROLLING AN HUMANOID ROBOT USING IOT U.Padmesh,A.Kumaraswamy,,,,,	27-Feb-20	10.15 AM - 12.30 PM	2 Seminar Hall, Automobile Hanger	Manufacturing

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9	ME048	Drilling Process Parameter Optimization of AMCs (LM6/B4C) using Taguchi Technique C.Sarala Rubi,J.Udaya Prakash,C.Raj Kumar,....	27-Feb-20	10.15 AM - 12.30 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
10	ME064	Zero Defect Assurance of 3-Wheeler product using IoT Systems Muddubhai Asif Hussain,U. Mohammed Iqbal,....	27-Feb-20	10.15 AM - 12.30 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
11	ME065	COMPARITIVE STUDY OF TUNGSTEN INERT GAS AND FRICTION STIR WELDING OF ALUMINIUM ALLOY AA5083 (ARMOR GRADE) ALUMINIUM ALLOY JOINTS Mouriya Srinivasan,SaravanaKumar,R.T.Rajasekaran,....	27-Feb-20	2.30 PM - 5.00 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
12	ME069	Prediction of Optimum Welding parameters for Friction stir welding of Aluminium Alloy AA5083 Using Response Surface Method SaravanaKumar,R,T,Rajasekaran,Varun G Prasad,....	27-Feb-20	2.30 PM - 5.00 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
13	ME072	CHARACTERISTIC STUDY OF FRICTION STIR WELDING OF ALUMINIUM ALLOY AA7075 USING H13 SURFACE HARDENED TOOL STEEL WITH VARIABLE TOOL PIN DESIGN SaravanaKumar,R,T,Rajasekaran,Sivasubramanian.S,....	27-Feb-20	2.30 PM - 5.00 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
14	ME082	Direct ink writing of ceramics for bio medical applications – A Review Utsav Gölcha,A. S. Praveen,D. L Belgin Paul,....	27-Feb-20	2.30 PM - 5.00 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
15	ME085	Robot Nano Spray Painting-A Review J R V Sai Kiran,S Prabhu,....	27-Feb-20	2.30 PM - 5.00 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
16	ME086	Investigations on the machinability of titanium alloy using low frequency vibration assisted turning under minimum quantity lubrication V G Umasekar,M Gopal,C Shrahan Kumar,....	27-Feb-20	2.30 PM - 5.00 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
17	ME092	Acoustic emission analysis for damage mechanism in fiber reinforced polymer composite under torsional test behaviour G. Hemanth Raj,M. Prakash,Abburri Lakshman Kumar,....	27-Feb-20	2.30 PM - 5.00 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
18	ME098	Path Planning of Serial Two Link Planar Manipulator for Obstacle avoidance of Steam Generator Plugged Tube G Perumalsamy,Deepak kumar,P Visweswaran,S Joseph Winston,S Murugan,.	27-Feb-20	2.30 PM - 5.00 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
19	ME028	Investigation on AISI 430 Ferritic stainless steel weldment by Tungsten Inert Gas Welding, Metal Inert Gas Welding and Continuous Drive Friction Welding G.Senthilkumar,R.Ramakrishnan,....	27-Feb-20	2.30 PM - 5.00 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
20	ME007	Design and Development of Waterless Solar Panel Cleaning System Sanjaya Kumar Kar; Atif Akhtar; Anant Singh Gambhir; Vignesh J; Ritesh Nair	27-Feb-20	2.30 PM - 5.00 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
21	ME013	Electric Arc Discharge Electro-Mechanical Plotter Shilpa Thakur ; Dr S. Prabhu	27-Feb-20	2.30 PM - 5.00 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
22	ME021	Experimental investigations on the Effect of heat input on CO2 Laser welded Ti6Al4V Plates Jai Singh Kurmi; Aravind AP; Vasareddy Mahidhar; Sampreet KR; Deepan Bharathi Kannan T	27-Feb-20	2.30 PM - 5.00 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
23	ME034	INTEGRATING THE AUTOMATED CAR MANUFACTURING SYSTEM BASED ON RFID AND ANALYSIS USING MODULES "R Rahul;A kumaraswamy"	28-Feb-20	10.15 AM - 12.30 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
24	ME050	A study on the combined effect of aging and severe plastic deformation on the mechanical properties of AA6061 alloy "S.Arun kumar", "S.Muralidharan", "Dr.U.Mohammed Iqbal"	28-Feb-20	10.15 AM - 12.30 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
25	ME052	Effect of Sn addition in the Foaming Behaviour of Powder Metallurgical Al4Mg6Si4Cu Precursor Asmit Saraf; Sourabh Dewangan; Vaibhav Joshi; Abhilash Pal; Hindupur Srinivas Gautam; Abdul Rafiq; S. Sasikumar	28-Feb-20	10.15 AM - 12.30 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
26	ME055	Effect of MQL, wet and dry lubrication on functional behavior of end milled Nimonic-263 Shubham Shekhar; S. Gowthaman; T. Jagadeesha	28-Feb-20	10.15 AM - 12.30 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
27	ME056	Optimization of Machining Parameters Based on Surface Roughness and Cutting Force during End Milling of Nimonic C-263 Alloy P. Giridhar Reddy; S. Gowthaman; T. Jagadeesha	28-Feb-20	10.15 AM - 12.30 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
28	ME057	2D Finite Element Analysis of INCONEL 718 Under Turning Processes G.Chandra Mouli; Prakash Marimuthu K; T. Jagadeesha	28-Feb-20	10.15 AM - 12.30 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
29	ME059	Structural Design of Zoomorphic Robot D Durga Prasad ; Vasanth Kumar CH	28-Feb-20	10.15 AM - 12.30 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
30	ME063	Dual-Axis solar tracking with MPPT R.VINODHKUMAR ; Dr. M.R STALIN JOHN	28-Feb-20	10.15 AM - 12.30 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
31	ME070	Design optimization and development of an Automated Storage and Retrieval System T.AJAY ; A.VINOTH ; J. DANIEL GLAD STEPHEN	28-Feb-20	10.15 AM - 12.30 PM	2 Seminar Hall, Automobile Hanger	Manufacturing

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32	ME075	Optimisation of Welding parameters in CMT welding of Al 5083 alloys using VIKOR Optimisation Method AP Aravind; S Suryaprakash; S Vishal; M Sethuraman; Deepan Bharathi Kannan T; Sonu Rajak	28-Feb-20	10.15 AM - 12.30 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
33	ME078	Experimental Investigation of Milling Operation on GRPF Composites Infanta Mary Priya.I ; Anshul Singhal	28-Feb-20	2.30 PM - 5.00 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
34	ME079	Effect of Process Variables on Electrochemical Micromachining of Titanium Alloy (Ti-3Al-2.5) Geethapriyan T , Gowtham Kumarasamy, T Lakshmanan, R Manoj Samson, J Silksun John	28-Feb-20	2.30 PM - 5.00 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
35	ME080	Performance Characteristics of Ni-coated copper tool electrode on machining Pure Titanium in ECM Process Geethapriyan T , A Arul Jeya Kumar, A C Arun Raj, Gowtham Kumarasamy, J Silksun John	28-Feb-20	2.30 PM - 5.00 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
36	ME081	A novel three axis Semi Elliptic Manipulator Configuration for simultaneous Multi Point Operations Shylesh Srinivasan,Shilpa Thakur	28-Feb-20	2.30 PM - 5.00 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
37	ME083	Failure of adhesively bonded single lap joints with MWCNT and Fullerene C60 in the adhesive due to tensile loading Amit Kumar R; Asokan R; Kanu Priya Jhanji; Battula Nagapavan; Sujith Kumar Reddy P; Venkata Gireesh M	28-Feb-20	2.30 PM - 5.00 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
38	ME084	FRICITION WELDING OF DISSIMILAR METALS (ALUMINIUM AI 6061 T6 and STAINLESS STEEL AISI 304) S SENKATHIR ; SIDDHARTH V B	28-Feb-20	2.30 PM - 5.00 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
39	ME090	TAGUCHI BASED OPTIMIZATION OF COATED AND UNCOATED TOOL INSERT FOR TURNING Ti6Al4V USING GREY RELATION ANALYSIS R.Ambgai; Dr.S.Prabhu; Raj Gandhi;	28-Feb-20	2.30 PM - 5.00 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
40	ME091	ROBOTIC GRIPPER WITH FORCE FEEDBACK SYSTEM Ashutosh Kumar;Abhuri Lakshman Kumar; Aravindan V; Arunachalam R	28-Feb-20	2.30 PM - 5.00 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
41	ME097	MECHANICAL PROPERTIES AND METALLURGICAL CHARACTERISTICS OF FRICTION STIR WELDED AZ91/ Ceo2 metal matrix composite M.Rajesh, Research scholar, SRMIST, Dr.T.Rajasekaran, Prof, SRMIST	28-Feb-20	2.30 PM - 5.00 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
42	ME140	Multi-response optimization of cutting parameters for hole quality in drilling of AISI7cu4 S. Balasubramanian, G. Asvath, S.P. Sundar Singh Sivam	28-Feb-20	2.30 PM - 5.00 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
43	ME099	EXPERIMENTAL STUDIES ON MAGNESIUM METAL MATRIX COMPOSITES PROCESSED BY TWIST EXTRUSION ABHISHEK P V; DR U MOHAMMED IQBAL; S MURALIDHARAN	28-Feb-20	2.30 PM - 5.00 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
44	ME100	A study on influence of peak current and ultrasonic vibration during powder mixed electrical discharge machining process "Rajesh. J.V" and "Abimannan Giridharan"	28-Feb-20	2.30 PM - 5.00 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
45	ME101	Comparison on machining characteristics of AISI 304 steel during Micro and Nano powder mixed electrical discharge machining process Rajesh. J.V; Kushpreet Singh;Abimannan Giridharan	29-Feb-20	10.15 AM - 12.30 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
46	ME110	Design and Development of Bio-Sensitive Robotic Arm using Gesture Control Subhodeep Bakshi ; Karan Ingale ; Atishay Jain ; Karupudiyam S	29-Feb-20	10.15 AM - 12.30 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
47	ME118	Deep Learning - A Review VAMSI MADHAV KOTA; V. MANOJ KUMAR	29-Feb-20	10.15 AM - 12.30 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
48	ME119	Autonomous mobile robot for pick and place operation giridharan p	29-Feb-20	10.15 AM - 12.30 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
49	ME067	Experimental Study and Optimization of Residual Stresses in Machining of Ti6Al4V Using Titanium and Multi-layered Inserts V Veeranaath; Suryaansh Sethia; Sushil Kumar Rai; Sukhveer Singh; Prabudh Sharma	29-Feb-20	10.15 AM - 12.30 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
50	ME071	Experimental Study and Finite Element Analysis of the Impact of Tool Edge Geometry in Orthogonal Machining of Super Alloy Inconel 718 V Veeranaath; Aakash Anshuman; Ritik Kumar Das	29-Feb-20	10.15 AM - 12.30 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
51	ME087	Two-Dimensional Nanomaterials and its Application as a Reverse Osmosis Membrane: An Overview M.Thirugnanam and G. Rajasekaran	29-Feb-20	10.15 AM - 12.30 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
52	ME096	Design and fabrication of Abrasive Jet Machining Systems SaravanaKumar .R; Sampath kumar .S; Rajendra Kumar .S	29-Feb-20	10.15 AM - 12.30 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
53	ME104	Optimization Approaches of Industrial Manipulators to Improve Energy Efficiency: A Review Lakshmi Srinivas G; Arshad Javed	29-Feb-20	10.15 AM - 12.30 PM	2 Seminar Hall, Automobile Hanger	Manufacturing
54	ME105	Selection of Optimal capacity for reconfigurable machines during lean manufacturing L.N. Pattanaik ; Amit kumar ; Jyoti ; Pooja Munda	29-Feb-20	10.15 AM - 12.30 PM	2 Seminar Hall, Automobile Hanger	Manufacturing

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55	MS013	Prediction of Corrosion Behaviour of Reinforced Concrete with Manufactured sand using Artificial Neural Network "Dr.B.Vijaya", "Dr. S.Senthil Selvan	29-Feb-20	10.15 AM - 12.30 PM	2 Seminar Hall, Automobile Hanger	Materials
56	ME106	Effect of Hot Corrosion demeanour on aerospace-grade Hastelloy X made by pulsed and constant current arc welding in molten salts at 820 °C M Sathishkumar; P Subramani; M Natesh; M Venkateshkannan; N Arivazhagan; M Manikandan.	27-Feb-20	10.15 AM - 12.30 PM	5 Old Active Learning Lab, Mech B block	Manufacturing
57	ME115	Identification of tool wear status and correlation of chip morphology in micro-endmilling of mild steel (SAE 1017) using acoustic emission signal M Prakash, M Kanthababu, A Arul Jeya Kumar, N Arun, V Prasanna Venkadesan	27-Feb-20	10.15 AM - 12.30 PM	5 Old Active Learning Lab, Mech B block	Manufacturing
58	ME120	Microstructure and Mechanical behaviour of AZ91D magnesium composite reinforced with B4C and graphite by casting process I.AATHTHISUGAN ; A.RAZAL ROSE	27-Feb-20	10.15 AM - 12.30 PM	5 Old Active Learning Lab, Mech B block	Manufacturing
59	ME121	EFFECT OF SINTERING TEMPERATURE ON MICROSTRUCTURE AND MECHANICAL PROPERTIES OF ALUMINIUM COMPOSITE I. AATHTHISUGAN; AISHIK BANERJEE; MOHAMMED MOINUDDIN HASAN; ADITYA SINGH PATEL; KUMAR PUSHKAR; SURAJ DEY; SAUD BIN SOHAIL; SYED MOHAMMAD KHATEEB;	27-Feb-20	10.15 AM - 12.30 PM	5 Old Active Learning Lab, Mech B block	Manufacturing
60	ME122	Effects of CNTs on the surface integrity of $\alpha - \beta$ Titanium: An Experimental Study DEBORAH SERENADE STEPHEN	27-Feb-20	10.15 AM - 12.30 PM	5 Old Active Learning Lab, Mech B block	Manufacturing
61	ME128	Artificial Intelligence: Methods and applications in Mechanical Engineering Anush Lakshman S; Ebenezer D	27-Feb-20	10.15 AM - 12.30 PM	5 Old Active Learning Lab, Mech B block	Manufacturing
62	ME132	Experimental Studies of Different thick Steels MIG Brazing Joints Muthuraju K*, Abburi Lakshman Kumar	27-Feb-20	10.15 AM - 12.30 PM	5 Old Active Learning Lab, Mech B block	Manufacturing
63	ME014	Optimization of turning parameters for Magnesium Silicon Carbide using TOPSIS method "KR Arun prasad; M R Stalin John; Vishnu P Nair; V K Arvind Narayanan; A Naren; S K Jayant Jaishwin"	27-Feb-20	10.15 AM - 12.30 PM	5 Old Active Learning Lab, Mech B block	Manufacturing
64	ME037	Friction welding of dissimilar aluminium 6061and SS 430F steel and its characterizations Raja	27-Feb-20	10.15 AM - 12.30 PM	5 Old Active Learning Lab, Mech B block	Manufacturing
65	ME045	Error Analysis & Point Data Processing of Reconstructed Surface by Reverse Engineering R. Ann Joachim Martin, J. Daniel Glad Stephen, A. Vinoth, E. Muthu	27-Feb-20	10.15 AM - 12.30 PM	5 Old Active Learning Lab, Mech B block	Manufacturing
66	ME111	Development and Workspace Analysis of Smart Actuation based Planar Parallel Robotic Motion Stage Deep Singh; Rutupurna Choudhury; Yogesh Singh; Manidipto Mukherjee	27-Feb-20	2.30 PM - 5.00 PM	5 Old Active Learning Lab, Mech B block	Manufacturing
67	ME112	Rectification of the Improper Mating of the Rack and Valve Assembly using Six Sigma Methodology at a Steering Manufacturing & Assembly plant E VIJAYARAGAVAN, PATHAN AFTAB ALTAF	27-Feb-20	2.30 PM - 5.00 PM	5 Old Active Learning Lab, Mech B block	Manufacturing
68	ME116	Experimental Exploration on Surface Roughness in Abrasive Water Jet machining using Response Surface Methodology "A.Muniappan; S.Venkata Ravi kumar"	27-Feb-20	2.30 PM - 5.00 PM	5 Old Active Learning Lab, Mech B block	Manufacturing
69	ME117	Experimental investigation and Modeling of Drilling Process Parameters for Surface Roughness and MRR of Al6063/SiC/Gr hybrid composite using RSM "A.Muniappan;P.Sai tarun Kumar"	27-Feb-20	2.30 PM - 5.00 PM	5 Old Active Learning Lab, Mech B block	Manufacturing
70	ME137	Fabrication and Characterization of Magnesium Metal Composite by Stir Casting RAZAL ROSE A ; I AATHTHISUGAN	27-Feb-20	2.30 PM - 5.00 PM	5 Old Active Learning Lab, Mech B block	Manufacturing
71	ME053	Optimization of process parameters in friction welding of super duplex stainless steel Manoj Samson R; Deepak Bharati Kannan T; Aravind R; Varun Vinayak A B.	27-Feb-20	2.30 PM - 5.00 PM	5 Old Active Learning Lab, Mech B block	Manufacturing
72	ME077	Performance Analysis Of Process Variables On Laser Beam Machining Of Inconel-718 Alloy Ranjith R; Nirmal R; Manoj Samson R; Geethapriyan T	27-Feb-20	2.30 PM - 5.00 PM	5 Old Active Learning Lab, Mech B block	Manufacturing
73	ME089	Design and structural analysis of AlSi12(Fe) and NiCu30Fe by comparing their residual stresses in castings MANIKYAM SANDEEP, M.SANDEEP	27-Feb-20	2.30 PM - 5.00 PM	5 Old Active Learning Lab, Mech B block	Manufacturing
74	ME109	Condition based monitoring for fault detection in windmill gearbox using Artificial Neural Network G.R. Jeeva Prashanna; N. Abishekraj.; T. Barathraj; M.S. Suriyaa; D. Mohanraj	27-Feb-20	2.30 PM - 5.00 PM	5 Old Active Learning Lab, Mech B block	Manufacturing
75	ME124	Enhancement of surface quality in Wire EDM machining of Magnesium alloy using ANN modeling approach "A.Muniappan; M.Sreenivasulu"	27-Feb-20	2.30 PM - 5.00 PM	5 Old Active Learning Lab, Mech B block	Manufacturing
76	ME129	Surface roughness evaluation in dry machining of Ti-6Al-4V using non-textured and textured cutting tools N.Abishekraj, T.Gowtham,V.Krishnaraj, R.Bibeye Jahaziel, Geetha Priyadarshini. B	27-Feb-20	2.30 PM - 5.00 PM	5 Old Active Learning Lab, Mech B block	Manufacturing
77	ME113	Evaluation of microstructure and mechanical properties of Magnesium alloys by Stir Casting process Razal Rose; R Harris Samuel; Tirth Makawana; Raj Makawana; Somnath Pal	28-Feb-20	10.15 AM - 12.30 PM	1 G D Naidu Hall, Mechanical B block	Manufacturing

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78	ME123	Experimental investigation and Modeling of Drilling Process Parameters for MRR of Al6061/SiC/Gr hybrid composite using RSM "A.Muniappan; Kandyala Asha"	28-Feb-20	10.15 AM - 12.30 PM	1 G D Naidu Hall, Mechanical B block	Manufacturing
79	ME062	Multiple orientated robots for search and rescue operations M Ahamed Ali Firthous; Dr. K. Kumar	28-Feb-20	10.15 AM - 12.30 PM	1 G D Naidu Hall, Mechanical B block	Manufacturing
80	ME068	OPTIMIZATION OF FSW PARAMETERS TO IMPROVE THE MECHANICAL AND METALLURGICAL PROPERTIES OF ALUMINIUM ALLOY AA 5083 JOINTS *1SaravanaKumar.R, 2T.Rajasekaran, 3Sahil Deep Singh,4 Sameer Kumar,5 Prakhar Mishra	28-Feb-20	10.15 AM - 12.30 PM	1 G D Naidu Hall, Mechanical B block	Manufacturing
81	ME073	ENHANCEMENT OF DUCTILITY AND STRENGTH IN 410 STAINLESS STEEL THROUGH CYCLIC HEAT TREATMENT Nirmal R ; Ranjith R ; Manoj Samson R ; Harshavardhana N	28-Feb-20	10.15 AM - 12.30 PM	1 G D Naidu Hall, Mechanical B block	Manufacturing
82	ME095	Experimental Investigation on machining parameters of Ti6Al4V Titanium alloy using cryogenic coolants VIGNESH S, U.MOHAMMED IQBAL, MERVIN DESMOND FERNANDEZ	28-Feb-20	10.15 AM - 12.30 PM	1 G D Naidu Hall, Mechanical B block	Manufacturing
83	ME145	AUTONOMOUS STAIRCASE CLIMBING ROBOT FOR RESCUE APPLICATION J Daniel Glad Stephen ; Coena Das ; Vyom Khanna ; Vvishvesh Negi ; Harikrishnan K.S	28-Feb-20	10.15 AM - 12.30 PM	1 G D Naidu Hall, Mechanical B block	Manufacturing
1	TE015	BATTERY THERMAL MANAGEMENT SYSTEM FOR ELECTRIC VEHICLES; A DETAILED REVIEW. Souvay Singh Katoch,Eswaremoorthy M,,,,,	27-Feb-20	10.15 AM - 12.30 PM	3 Faraday Hall, EEE Block	Thermal
2	TE019	Comparison of a Thermal Barrier Coated Engine Using Eucalyptus Oil Methyl Esters and Azadirachtalindica Methyl Esters N.S. Senthur,S. Balamurugan,H. Ramganesha, A. M. Avudaiyappan,,,,	27-Feb-20	10.15 AM - 12.30 PM	3 Faraday Hall, EEE Block	Thermal
3	TE026	EXTRACTION OF WATER FROM ATMOSPHERIC AIR USING DESICCANT MATERIAL WITH SOLAR CONCENTRATOR Avipsita Das,Rohan Sharma,V. Thirunavukkarasu,M. Cheralathan,,,,	27-Feb-20	10.15 AM - 12.30 PM	3 Faraday Hall, EEE Block	Thermal
4	TE038	Investigation of Emission and performance characteristics using Fe-ZSM5 zeolite in an SI engine fuelled with Methanol - Iso-Butanol - Gasoline blends Elavarasan G,Karthikeyan D,Rajasekar T,,,,	27-Feb-20	10.15 AM - 12.30 PM	3 Faraday Hall, EEE Block	Thermal
5	TE044	Studies on the performance of 150W solar photovoltaic module with evaporative cooling M. Suresh,R. Shanmadhi,,,,,	27-Feb-20	10.15 AM - 12.30 PM	3 Faraday Hall, EEE Block	Thermal
6	TE045	Heat and mass transfer studies in a finned tube heat exchanger employed with evaporative cooling technique M. Suresh,S. Viveknath,,,,,	27-Feb-20	10.15 AM - 12.30 PM	3 Faraday Hall, EEE Block	Thermal
7	TE052	Modeling and simulation of an active solar water heating system Raji Luqman,S. Shodiya,G. M. Ngala,M.T. Baba,,,	27-Feb-20	10.15 AM - 12.30 PM	3 Faraday Hall, EEE Block	Thermal
8	TE058	Analysis of transmission oil condition for Nissan Serena S-Hybrid after 3 years operation Khairul Syazwani Shahruddin,Nadia Nurul Nabihah Ahmad Fuad,Mohamad Ali Ahmad,,,,	27-Feb-20	10.15 AM - 12.30 PM	3 Faraday Hall, EEE Block	Thermal
9	TE061	Effect of Preheating on Azadirachta indica biofuel and their performance analysis in a CI engine V. Praveena,S. Karthikeyan,Ilakkiya M,Vijay Ganesh,,,	27-Feb-20	10.15 AM - 12.30 PM	3 Faraday Hall, EEE Block	Thermal
10	TE063	Exploration of Zeolite 5A as catalyst in the after treatment system for a CI engine powered by plastic oil blend S. Premkumar,G. Balaji,,,,,	27-Feb-20	10.15 AM - 12.30 PM	3 Faraday Hall, EEE Block	Thermal
11	TE064	1-D mathematical modeling of a diesel oxidation catalyst for transient hot start drive cycle Sreeharsh Nair,Mayank Mittal,,,,,	27-Feb-20	2.30 PM - 5.00 PM	3 Faraday Hall, EEE Block	Thermal
12	TE065	A Numerical Approach to Study the Steady State Heat Transfer Characteristics of an Annular Porous Heat Exchanger Subhankar Ghosh,S. Senthilkumar,Dewanshu Deep,K. J. Bharanitharan,,,	27-Feb-20	2.30 PM - 5.00 PM	3 Faraday Hall, EEE Block	Thermal
13	TE074	Aerodynamics Characteristics of Flow over Two Unsymmetrical Tandemly Arranged Airfoils – Numerical Simulation Saransh Abbey,Kevin Dankhara,S. Senthilkumar,,,,	27-Feb-20	2.30 PM - 5.00 PM	3 Faraday Hall, EEE Block	Thermal
14	TE075	Design, Fabrication and Performance Test of a Turbine having NACA 2415 Blades and Feasibility Study of its Application in Cooling Tower Md. Wakil Ur Rahman,Dr. Barun Kumar Das,Safwan Bin Jahangir,,,	27-Feb-20	2.30 PM - 5.00 PM	3 Faraday Hall, EEE Block	Thermal
15	TE078	Development and test of a new carbon capture system using Zeolite with addition of Activated carbon and Monoethanolamine for IC engines Ajith Kumar P S,Akhil Varghese,Vaishanth S S,Balaji G,,,	27-Feb-20	2.30 PM - 5.00 PM	3 Faraday Hall, EEE Block	Thermal
16	TE080	Experimental investigation of performance and emission characteristics of CI engine fuelled with pine oil and cotton seed oil Mohd Quasim Khan,Itendra Joshi,Harshit Singh,Anurag Singh,Ayatullah,G. Manikandaraja,Malarmannan S	27-Feb-20	2.30 PM - 5.00 PM	3 Faraday Hall, EEE Block	Thermal
17	TE082	Experimental study on MWCNT Based Nanofluid Phase Change Material for cooling application Thode ranjith, A. Sathish kumar	27-Feb-20	2.30 PM - 5.00 PM	3 Faraday Hall, EEE Block	Thermal

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Sl.No.	Paper ID	TITLE OF PAPER	DATE	TIME	VENUE	TOPIC
18	TE002	HOW TO BURN? STRAIGHT VS HORIZONTAL VS UPENDED Rakshantha M; Yeleti Bunny Venkat; Gousik R and Kannan B T	27-Feb-20	2.30 PM - 5.00 PM	3 Faraday Hall, EEE Block	Thermal
19	TE004	Smoldering Combustion of Hexagonal Incense Material in a Forced Air Flow Yeleti Bunny Venkat; Rakshantha M; Sanjana S; Sri Vijay Prabhu R; Kannan B T	27-Feb-20	2.30 PM - 5.00 PM	3 Faraday Hall, EEE Block	Thermal
20	TE005	Design and Development of Impinging Jet Facility for Flow Visualization Studies "Abdul Hamid Rather", "Kannan B T"	27-Feb-20	2.30 PM - 5.00 PM	3 Faraday Hall, EEE Block	Thermal
21	TE018	Effect Of Nozzle Hole Number On Diesel Engine Using Diesel And Biodiesel Blends S Sabareesh kumar; P Raghu	27-Feb-20	2.30 PM - 5.00 PM	3 Faraday Hall, EEE Block	Thermal
22	TE011	A REVIEW ON THERMOELECTRIC COOLING TECHNOLOGY AND ITS APPLICATIONS suhani baru;sonal bhatia	27-Feb-20	2.30 PM - 5.00 PM	3 Faraday Hall, EEE Block	Thermal
23	TE029	Solar Powered Waste Removal and Segregation System Nehal Mahuli; Kshetrimayum Christopher Singh; Shubham Aditya; Harshita Sarmah; Madhulika Goswami; S. Bharath Subramaniam; G. Manikandaraja	28-Feb-20	10.15 AM - 12.30 PM	3 Faraday Hall, EEE Block	Thermal
24	TE041	Waste Heat Recovery Cycle using Flue Gas in Thermal Power Plants using Aspen V9 . NEMADE ANIKET CHANDRAKANT; MR S PONSANKAR ; LIPI SIKARWAR	28-Feb-20	10.15 AM - 12.30 PM	3 Faraday Hall, EEE Block	Thermal
25	TE047	Elementary Characterization of Smoke Tunnel using Flow over a Circular Cylinder Keerthana K ; Kannan B T	28-Feb-20	10.15 AM - 12.30 PM	3 Faraday Hall, EEE Block	Thermal
26	TE053	On the effect of repulsive magnetic field on partially premixed flames A.V. Revanth, G. Malaikannan, Vinayak Malhotra	28-Feb-20	10.15 AM - 12.30 PM	3 Faraday Hall, EEE Block	Thermal
27	TE054	Combust-o-Acoustics: Energy Transitions and Implications Aarohi Anmol Mudholkar; Mohammed Shazaan Hussain; Vikram Ramanan; Vinayak Malhotra	28-Feb-20	10.15 AM - 12.30 PM	3 Faraday Hall, EEE Block	Thermal
28	TE060	Numerical investigation of flow around four in-line circular cylinders D.Siva Krishna Reddy; Kartik Luthra; Iyer Rohan Jaykumar; Ajay Rana Communication Author - D.Pankaj Kumar	28-Feb-20	10.15 AM - 12.30 PM	3 Faraday Hall, EEE Block	Thermal
29	TE116	Design of finned Spherical Enclosures and Thermal Performance evaluation under Natural Convection Nainar Palani, Shaik Subhani, Rajendran Senthil Kumar, Ganesan Dhanushkodi	28-Feb-20	10.15 AM - 12.30 PM	3 Faraday Hall, EEE Block	Thermal
30	TE066	A computational study and experiments to investigate the combustion and emission characteristics of a small naturally aspirated diesel engine through changes in combustion chamber geometry, injection parameters and EGR Pradeep Menon; Tushar Kamble; Mayank Mittal	28-Feb-20	10.15 AM - 12.30 PM	3 Faraday Hall, EEE Block	Thermal
31	TE068	Development of a CFD Model and Validation with PIV-data to Study the Fluid Motion in a Small PFI SI Engine Afaque Alam; Gaurav Shinde; Mayank Mittal	28-Feb-20	10.15 AM - 12.30 PM	3 Faraday Hall, EEE Block	Thermal
32	TE140	EXPERIMENTAL INVESTIGATION OF CI ENGINE FUELED WITH DIESEL BLENDED NEEM OIL WITH METHANOL AS ADDITIVES Ramanathan N.R.;Balasekhar C.S.K.;P.Tanish;Manikandaraja G;Malarmannan S	28-Feb-20	10.15 AM - 12.30 PM	3 Faraday Hall, EEE Block	Thermal
33	TE076	Preparation and Characterization of Green Synthesized Cerium Oxide nano Particle doped with biodiesel blends "A.Murugesan," " R.Prakash," " S.Srinithi," " L.Ranjith Kumar," "S.Parthiban," " K.Pavithran,"	28-Feb-20	2.30 PM - 5.00 PM	3 Faraday Hall, EEE Block	Thermal
34	TE084	Analysis and Performance improvements of Photovoltaic system by using fins for heat reduction by CFD Mundrathi Karthikeyan ; Mr. Joggi johnson	28-Feb-20	2.30 PM - 5.00 PM	3 Faraday Hall, EEE Block	Thermal
35	TE087	Numerical study of thermal and hydraulic performance for fin and tube heat exchanger with elliptical tube and upward rectangular winglet vortex M Sudharsan and Dr.M.Cheralathan	28-Feb-20	2.30 PM - 5.00 PM	3 Faraday Hall, EEE Block	Thermal
36	TE088	A Review on Solar Tracking Methods D V Nithin Kumar ; M R Stalin John	28-Feb-20	2.30 PM - 5.00 PM	3 Faraday Hall, EEE Block	Thermal
37	TE094	Numerical Simulation of Flowfields over Slender Bodies at Transonic Mach number at Low Angle of Attacks D. Siva Krishna Reddy ; Jai Makhija ; Rishabh.	28-Feb-20	2.30 PM - 5.00 PM	3 Faraday Hall, EEE Block	Thermal
38	TE097	Experimental examination on physicochemical properties of the Tamarind seed biodiesel in comparison with petroleum diesel Ganesh Bharathi Ravikrishnan; S. Venkatesan; Bright Samuel	28-Feb-20	2.30 PM - 5.00 PM	3 Faraday Hall, EEE Block	Thermal
39	TE142	Effect on solidification of Deionized water based PCM in a spherical encapsulation- An Experimental study P Sundaram, A Kalaiselvane	28-Feb-20	2.30 PM - 5.00 PM	3 Faraday Hall, EEE Block	Thermal
40	TE106	Preliminary Studies on Compressible Jet Flow from a Pipe with Hexagonal Cross-section Avinash S; Tinesh K; Kannan B T	28-Feb-20	2.30 PM - 5.00 PM	3 Faraday Hall, EEE Block	Thermal

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41	TE110	EXPERIMENTAL INVESTIGATION ON THERMAL PERFORMANCE OF A CAVITY RECEIVER WITH SHORT TERM THERMAL ENERGY STORAGE FOR A SOLAR PARABOLIC DISH CONCENTRATOR V.Thirunavukkarasu; Vivek U Nair; Kunal Tiwari; M.Cheralathan	28-Feb-20	2.30 PM - 5.00 PM	3 Faraday Hall, EEE Block	Thermal
42	TE096	Comparison of the effect of 1st order and 2nd order fluctuating temperature field on convective heat transfer coefficient in an unsteady laminar-bounding layer. Dr SHASHI BHUSHAN GUPTA	28-Feb-20	2.30 PM - 5.00 PM	3 Faraday Hall, EEE Block	Thermal
43	TE009	Thermal Stress Analysis of Thermoelectric Cooler N. Vijay Krishna; S. Manikandan.; C. Selvam	28-Feb-20	2.30 PM - 5.00 PM	3 Faraday Hall, EEE Block	Thermal
44	TE135	EXPERIMENTAL INVESTIGATION ON PERFORMANCE AND EMISSION CHARACTERISTICS OF CI ENGINE FUELLED WITH LINSEED OIL AND ETHYL-TERT-BUTYL-ETHER AS ADDITIVE HARSHIT SHUKLA; MALARMANNAN S.	28-Feb-20	2.30 PM - 5.00 PM	3 Faraday Hall, EEE Block	Thermal
45	TE016	Effect of Internal Heat Generation on Solidification of Molten Fuel Droplet during its Interaction with Coolant in a Nuclear Reactor M Chandra Kumar; A Jasmin Sudha; D Ponraju; S Athmalingam	29-Feb-20	10.15 AM - 12.30 PM	3 Faraday Hall, EEE Block	Thermal
46	TE056	Combustion and Propulsive Characteristics of Potential Hybrid Solid Rocket Propellant Mr. Rahul Sunil, Mr. Aditya G. Virkar, Mr. Vinayak Malhotra, Mr. Vignesh Kumar, Mr. Iynthezhuthon Krishnamoorthy	29-Feb-20	10.15 AM - 12.30 PM	3 Faraday Hall, EEE Block	Thermal
47	TE017	Computational Studies on Performance of Thermoelectric Cooling System with Phase Change Materials. Rohan Bhuiya; Nlank Shah; Divanshu Arora; N. Vijay Krishna; S. Manikandan; C. Selvam.	29-Feb-20	10.15 AM - 12.30 PM	3 Faraday Hall, EEE Block	Thermal
48	TE039	Mathematical modeling and analysis of solar water collector with flat and v-groove absorber plate with helical water flow path tubes S Navakrishnan; P Sudhakar	29-Feb-20	10.15 AM - 12.30 PM	3 Faraday Hall, EEE Block	Thermal
49	TE057	Self- Inducing Fires: The Heat Source Effect Sneha Gayen; Pritha Pal; Prayas Bhawalkar; Vinayak Malhotra; T. Selvakumaran	29-Feb-20	10.15 AM - 12.30 PM	3 Faraday Hall, EEE Block	Thermal
50	TE069	FLOW SEPARATION CONTROL AND ENHANCED EXPANSION OF SERN NOZZLE FLOWS USING DIELECTRIC BARRIER DISCHARGE NISHA R; MOOSA NAINA A B; SURENDRA BOGADI	29-Feb-20	10.15 AM - 12.30 PM	3 Faraday Hall, EEE Block	Thermal
51	TE093	Influence of geometric and operating parameters on the flow behavior of the helical capillary tube for the R744 refrigerant Pravin Jadhav; Neeraj Agrawal; Anjan Sahu	29-Feb-20	10.15 AM - 12.30 PM	3 Faraday Hall, EEE Block	Thermal
52	TE099	Numerical investigation of flow field over four Cylinders in square arrangement for different spacing ratios P.GOUTAM ; D.SIVA KRISHNA REDDY	29-Feb-20	10.15 AM - 12.30 PM	3 Faraday Hall, EEE Block	Thermal
53	TE100	Integrated Single Stage Photovoltaic Solar Inverter (Stand-alone) Souvik Nanda; P. Sudhakar	29-Feb-20	10.15 AM - 12.30 PM	3 Faraday Hall, EEE Block	Thermal
54	TE103	Study on thermal transport properties of nanofluid phase change material for space cooling in sustainable buildings A. Sathishkumar; M. Cheralathan	29-Feb-20	10.15 AM - 12.30 PM	3 Faraday Hall, EEE Block	Thermal
55	TE107	Preliminary Studies on Compressible Jet Flow from a Pipe with Square Cross-section Tinesh K; Avinash S; Kannan B T	27-Feb-20	10.15 AM - 12.30 PM	6 CIM Lab, Mech C block	Thermal
56	TE108	Design and Development of a Modular Atmospheric Boundary Layer Wind tunnel Murukesh Muralidhar; Saneesh C Joy; Akhil Mohammed P; Kannan B T	27-Feb-20	10.15 AM - 12.30 PM	6 CIM Lab, Mech C block	Thermal
57	TE109	Assessment of Turbulence Models on a Backward Facing Step flow using OpenFOAM Anugya Singh;Aravind S;K Srinadhi;Kannan B T	27-Feb-20	10.15 AM - 12.30 PM	6 CIM Lab, Mech C block	Thermal
58	TE113	Experimental and Numerical Modeling of a Sensible Heat Thermal Energy Storage Using Local Thermal Non-Equilibrium Model. Piyush Sharma; Christopher Kshetrimayuma; Tabish Ahmed Faruquia; Ankit Chauhana; Pankaj Kumara	27-Feb-20	10.15 AM - 12.30 PM	6 CIM Lab, Mech C block	Thermal
59	TE122	MEMS BASED HEAVY METAL: MERCURY AND CADMIUM ION DETECTION IN LAMINAR FLOW OF WATER Rahul Gowtham Poola, Vimala Juliet A , S. Akshya	27-Feb-20	10.15 AM - 12.30 PM	6 CIM Lab, Mech C block	Thermal
60	TE025	Experimental Investigation of effect of CI engine Fueled with Camphor Oil Diesel Blend with additive of DTE Aditya Sharma, Shukla Harshit Kiritibhai, Manikandaraja.G, A.Sathish Kumar, Malarmannan.S	27-Feb-20	10.15 AM - 12.30 PM	6 CIM Lab, Mech C block	Thermal
61	TE034	STUDY OF SOLIDIFICATION CHARACTERISTICS OF PCM IN A SPHERICAL CAPSULE USING RECTANGULAR FINS D.Premnath; Dr.P.Chandrasekaran; Dr.L.R.Ganapathy Subramanian; Srivaths Balaji; Rahul Joseph and Juswen Mathew	27-Feb-20	10.15 AM - 12.30 PM	6 CIM Lab, Mech C block	Thermal
62	TE059	CFD Studies of Rocket Nozzle Flows With Supersonic Film Cooling D. Siva Krishna Reddy	27-Feb-20	10.15 AM - 12.30 PM	6 CIM Lab, Mech C block	Thermal
63	TE073	EXPERIMENTAL INVESTIGATION OF PERFORMANCE AND EMISSION CHARACTERISTICS OF CI ENGINE FUELED WITH LINSEED OIL WITH METHANOL ADDITIVES PANNEERSELVAM.S ; MATHANRAJ.V	27-Feb-20	10.15 AM - 12.30 PM	6 CIM Lab, Mech C block	Thermal

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64	TE081	Study of expansion ratio on dual bell nozzle of LOX-RP1 engine for replacing the existing bell nozzle to dual bell nozzle Ashis Kumar Samanta, Santhosh K S, Khalid Rashid & Jayashree A	27-Feb-20	2.30 PM - 5.00 PM	6 CIM Lab, Mech C block	Thermal
65	TE092	Performance, combustion and emission characteristics of compression ignition engine using hydrogen, Simarouba oil, and massive EGR. "Mathanraj Vijayaragavan; Ganapathy Subramanian Lalgudi Ramachandran; Panneer Selvam Srinivasan"	27-Feb-20	2.30 PM - 5.00 PM	6 CIM Lab, Mech C block	Thermal
66	TE095	Performance analysis of solar concentrator dish by various reflector and absorbent "T. Lakshmanan;G. Leela Prasad; Aniketh Vittal H. K; Abhik Kumar; Akashdeep Ghosh;"	27-Feb-20	2.30 PM - 5.00 PM	6 CIM Lab, Mech C block	Thermal
67	TE098	Design, analysis and fabrication of Lanthanum Strontium Manganite Catalytic Converter Pushpit Jain; Abhishek Tibrewal; Vignesh Krishna Kumar ; R K Barathraj	27-Feb-20	2.30 PM - 5.00 PM	6 CIM Lab, Mech C block	Thermal
68	TE104	Investigation on reduction of charging time of waster based NFPCM for cooling application MALARMANNAN S; CHANDRASEKARAN P; Mohd Quasim Khan	27-Feb-20	2.30 PM - 5.00 PM	6 CIM Lab, Mech C block	Thermal
69	TE111	Thermal Property Enhancement on Water based PCM in Spherical Container for Cold Storage Applications Saven Jude Sajen; Cyriac Tomy Yogaveedu; P. Sundaram	27-Feb-20	2.30 PM - 5.00 PM	6 CIM Lab, Mech C block	Thermal
70	TE112	Numerical Study of Thermal Performance with Nanoparticles and Grooves in Microchannel Ayush Mishra, Amit Varakhedkar, Vishnu Teja Mantripragada, Pankaj Kumar	27-Feb-20	2.30 PM - 5.00 PM	6 CIM Lab, Mech C block	Thermal
71	TE114	Effect of surfactants on solidification characteristics of DI water based PCM for Cold Thermal Energy Storage. Abhinav Saboo;Mohd Tauseef Ansari;Vivek Vijayan;P Sundaram	27-Feb-20	2.30 PM - 5.00 PM	6 CIM Lab, Mech C block	Thermal
72	TE115	Experimental and Numerical investigation of flow boiling inside microchannel "J. Thavamani", "Kumar Pankaj"	27-Feb-20	2.30 PM - 5.00 PM	6 CIM Lab, Mech C block	Thermal
73	TE117	Numerical study of natural convection around a square cylinder inside a square enclosure for different orientations Rahul Ryan Savio ; Shaik Subhani ; Rajendran Senthil Kumar	27-Feb-20	2.30 PM - 5.00 PM	6 CIM Lab, Mech C block	Thermal
74	TE118	Natural convection heat transfer enhancement of circular obstacle within square enclosure Shaik Subhani, Rajendran Senthil Kumar	27-Feb-20	2.30 PM - 5.00 PM	6 CIM Lab, Mech C block	Thermal
75	TE119	Study on Performance of Nano (CNT) fluids for Heat Transfer by considering a Differentially Heated Square Enclosure Akash Pravinkumar Patel; Divyang Bhatnagar; Rajendran Senthil Kumar; Sethuramalingam Prabhu	27-Feb-20	2.30 PM - 5.00 PM	6 CIM Lab, Mech C block	Thermal
76	TE120	Effect of confinement on flow around a square cylinder with downstream control cylinders Nikhil T S; Amit Varakhedkar; Rajendran Senthil Kumar	28-Feb-20	10.15 AM - 12.30 PM	6 CIM Lab, Mech C block	Thermal
77	TE121	Numerical study on the effect of extensions on lateral sides of a square cylinder Ahin Honymon ; Amit Varakhedkar ; Rajendran Senthil Kumar	28-Feb-20	10.15 AM - 12.30 PM	6 CIM Lab, Mech C block	Thermal
78	TE123	Numerical study on performance enhancement of a square enclosure with a circular cylinder of varying geometries Ronak Jain S; Shaik. Subhani; Rajendran Senthil kumar	28-Feb-20	10.15 AM - 12.30 PM	6 CIM Lab, Mech C block	Thermal
79	TE127	Performance Evaluation of Bifacial and Monofacial modules using PVSyst Varun M, and Dr.S.Manikandan	28-Feb-20	10.15 AM - 12.30 PM	6 CIM Lab, Mech C block	Thermal
80	TE128	HEAT TRANSFER ENCHANCEMENT USING TITANIUM NITRIDE NANOFUID IN A SHELL AND TUBE HEAT EXCHANGER ARULKUMAR S ; MATHANRAJ V	28-Feb-20	10.15 AM - 12.30 PM	6 CIM Lab, Mech C block	Thermal
81	TE130	ANALYSIS ON IMPACT OF ENERGY EFFICIENT TECHNIQUES TO ENHANCE THE BUILDING PERFORMANCE "Prerna sharma;" "V.R. Prasathkumar;" "R. Senthil kumar;" "L. Krishnaraj;"	28-Feb-20	10.15 AM - 12.30 PM	6 CIM Lab, Mech C block	Thermal
82	TE132	Experimental Investigation of Performance and Emission Characteristics of CI Engine Fuelled With Mahua Oil – Pine Oil Blend Chittiboyina.SAI JAIDEEP; K.HEMANTH; D.SUDHAKAR; P.PRAKHYATH; Rohit M; G Manikandaraja;	28-Feb-20	10.15 AM - 12.30 PM	6 CIM Lab, Mech C block	Thermal
83	TE133	Experimental Investigation of Performance and emissions of CI engine fuelled with Mahua oil blended Camphor fuel Tanay KVR, M.Vikram, J.Sreenath Reddy, K.Manideep, Krishna Bharadhwag, K, G. Manikandaraja	28-Feb-20	10.15 AM - 12.30 PM	6 CIM Lab, Mech C block	Thermal
84	TE134	Experimental investigation of Performance, combustion and Emission characteristics of CI engine Fuelled with Turpentine oil Diesel Blend, Camphor oil Diesel Blend, Lemongrass oil Diesel Blend, Mahua oil Diesel Blend, Karanja oil Diesel Blend. G. Manikandaraja"; " P. Chandrasekaran	28-Feb-20	10.15 AM - 12.30 PM	6 CIM Lab, Mech C block	Thermal
85	TE136	Economic Evaluation of Grid connected & Standalone Photovoltaic systems Using PVSyst K N B AKSHAI; Dr. R SENTHIL	28-Feb-20	10.15 AM - 12.30 PM	6 CIM Lab, Mech C block	Thermal
86	TE138	Performance and Emission Characteristics Test on CI Engine Fuelled With Turpentine Oil-Diesel Blend with Dee as Additives R.V. Nanditta; S.R. Deenadayalan; G Manikandaraja; P.Udayakumar	28-Feb-20	2.30 PM - 5.00 PM	6 CIM Lab, Mech C block	Thermal

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87	TE139	Experimental Investigation of Performance and emissions of CI engine fuelled with Neem oil blended Turpentine fuel Chittiboyina saijaideep , koribilli Hemanth , M.Anirudh , KVV Sai charan, S.Laitheys, S.VinayKumar Reddy, P.Udayakumar, G Manikandaraja	28-Feb-20	2.30 PM - 5.00 PM	6 CIM Lab, Mech C block	Thermal
88	TE124	Numerical study on performance enhancement of a square enclosure with circular cylinder having confinement bodies nearer. Raunak Singh Matharu ; Shaik. Subhani ; Rajendran Senthil Kumar	28-Feb-20	2.30 PM - 5.00 PM	6 CIM Lab, Mech C block	Thermal
89	TE125	Numerical study on performance enhancement of a square enclosure with multiple hot circular obstacles R.SIDDHARTH; SHUBHANI S.; Dr. R. SENTHIL KUMAR	28-Feb-20	2.30 PM - 5.00 PM	6 CIM Lab, Mech C block	Thermal
90	TE141	PERFORMANCE AND EMISSION CHARACTERISTICS OF TURPENTINE COTTONSEED OIL BLEND, VARYING INJECTION PRESSURE P.Udayakumar; G Kasiraman	28-Feb-20	2.30 PM - 5.00 PM	6 CIM Lab, Mech C block	Thermal
91	TE001	Transient Thermal Behaviour of a Novel Annular Thermolectric Power Generator System S. Manikandan, Sajitha Kumari, C. Selvam, Ravita Lamba, S. C. Kaushik	28-Feb-20	2.30 PM - 5.00 PM	6 CIM Lab, Mech C block	Thermal
92	TE102	DEVELOPMENT AND INTEGRATION OF OXYGEN GENERATOR FOR HOME AIR CONDITIONER SHAIK SAMEER & P. ESWARAN	28-Feb-20	2.30 PM - 5.00 PM	6 CIM Lab, Mech C block	Thermal
93	TE143	Comparison of freezing characteristics of PCM in metallic and LDPE spherical capsules D.Premnath ; Srivaths Balaji ;Juswen Mathew ; Rahul Joseph	28-Feb-20	2.30 PM - 5.00 PM	6 CIM Lab, Mech C block	Thermal
94	TE144	Experimental Investigation of Performance and emissions of Crdi engine fueled with kapok ester oil blended with diesel Mehul Rawat; Aayush virat deo; Gokul Krishna. P; Harsh Rao Udayakumar.P	28-Feb-20	2.30 PM - 5.00 PM	6 CIM Lab, Mech C block	Thermal
1	MD003	A Bayesian Model for Prediction of Stroke with Voice Onset Time Seung Nam Min,Se Jin Park,Jung Nam IM,Murali Subramaniyam,,	27-Feb-20	10.15 AM - 12.30 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
2	MD008	Brainternet J.Jayapriya,D.Muruganandam,A.Abdul Wahid,A.Seyatha,,	27-Feb-20	10.15 AM - 12.30 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
3	MD011	Emotional Detection and Music Recommendation System based on User Facial Expression S Metilda Florence,M. Uma,,,	27-Feb-20	10.15 AM - 12.30 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
4	MD016	A Systematic Review on Visual Fatigue Induced by Tiny Screens (Smartphones) D. Bhanu Priya ,Murali Subramaniyam	27-Feb-20	10.15 AM - 12.30 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
5	MD022	COMPARATIVE REVIEW ON VARIOUS APPORACHES IN STRUCTURAL OPTIMIZATION OF REGULAR CONCRETE BEAMS Nabi,Abdul Rahim	27-Feb-20	10.15 AM - 12.30 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
6	MD001	Locating the Economic and other Performance Centres of Asia using Geodetic Coordinates, Haversine Formula and Weiszfeld's Algorithm BASKAR. A	27-Feb-20	10.15 AM - 12.30 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
7	MD002	Design and Evaluation of a self-charging battery electric two-wheeler Nishanth M Govindarajan; Velide Anirudh Kashyap; P.Baskara Sethupathi; S.Siluvaimuthu; Dr.Chandradass.J	27-Feb-20	10.15 AM - 12.30 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
8	MD023	PATH PLANNING OF AN UAV WITH THE HELP OF LIDAR FOR SLAM APPLICATION C.AAKASH ; V.MANOJ KUMAR	27-Feb-20	10.15 AM - 12.30 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
9	MD028	HOME/MEDICAL ASSISTANT ROBOT HARIKRISHNAN K S ; DANIEL GLAD STEPHEN	27-Feb-20	10.15 AM - 12.30 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
10	MD031	Analysis of Muscle Fatigue and Head Flexion angle while using Smartphone Ramnaath M; Sudharsan S; Sanjay Yadhav K; D. Bhanu Priya, S. Murali	27-Feb-20	10.15 AM - 12.30 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
11	MD090	APPLICATION OF BIM IN SUSTAINABLE INFRASTRUCTURE DEVELOPMENT Guru Kumar M S ; Balasubramanian M	27-Feb-20	2.30 PM - 5.00 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
12	MD035	Point of care device for diagnosing and treatment of diabetes related peripheral arterial disease. 1."K Srivishnuprasath;" 2. "Varshini Karthik;" 3. "D Ashok Kumar;"	27-Feb-20	2.30 PM - 5.00 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
13	MD041	Posture Alert System to Prevent Texting Neck due to prolonged neck flexion while using smart phones Zindahi S; Rashmi K.S; Dr. Varshini Karthik; Ashok Kumar;	27-Feb-20	2.30 PM - 5.00 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
14	MD045	Scope and Impact of Big Data on Indian Railways through IoT "S.Kingston Prabhu"; "W. Isaac Livingston"; "V.E. Muthu Kumar"; " Allene David Sherlyn".	27-Feb-20	2.30 PM - 5.00 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
15	MD046	Application of Machine Learning Algorithms in Autonomous Vehicle Navigation System Suriya Prasath G D ; M K RAHGUL Poopathi ; P Sarvesh ; A Samuel	27-Feb-20	2.30 PM - 5.00 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary

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Sl.No.	Paper ID	TITLE OF PAPER	DATE	TIME	VENUE	TOPIC
16	MD047	Design of Battery Management System for Electrical Vehicles Vinay Krishnan. V ; Vetrivel. A ; Varun Teja. P ; Sridhar. H	27-Feb-20	2.30 PM - 5.00 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
17	MD048	Current research and future prospects of Neuromorphic Computing in Artificial Intelligence R.vishwa ; R.karthikeyan ; R.Rohith ; A. Sabaresh ;	27-Feb-20	2.30 PM - 5.00 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
18	MD049	Role of data analytics and artificial intelligence in agriculture for indian scenario B.manivannan, koushek S Menon, Hari .v ,Hariharan T	27-Feb-20	2.30 PM - 5.00 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
19	MD050	Development of Advanced Driver Assistance Systems for indian cars Swaroop balaji;Sivaprakash.R;Sabareesh.S;Sivasundaram.M	27-Feb-20	2.30 PM - 5.00 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
20	MD052	Comparative Study on Flow Characteristics, Strength and Durability of GGBS Based Geopolymer Concrete Dodda Sravanthi, Y.Himath Kumar, B. Sarath Chandra Kumar	27-Feb-20	2.30 PM - 5.00 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
21	MD053	Service life prediction of Geopolymer concrete with respect to chloride ion penetration. A. RAZIYA TASNEEM; B. SARATHCHANDRA KUMAR; Y. HIMATH KUMAR.	27-Feb-20	2.30 PM - 5.00 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
22	MD055	STRENGTHENING OF RC BEAMS WITH M-SAND USING EXTERNAL BONDING OF STEEL PLATES "Pulikonda Suman ; Dr .B. Sarath Chandra Kumar ; Dr. K. Ramesh"	27-Feb-20	2.30 PM - 5.00 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
23	MD057	EFFECT OF FERROCEMENT WRAPPING SYSTEM ON STRENGTH AND BEHAVIOR OF GEOPOLYMER CONCRETE BEAM "Vaddeswaram Sangeetha"; "B. Sarath Chandra Kumar"	28-Feb-20	10.15 AM - 12.30 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
24	MD067	INFLUENCE OF CARBON STEEL FIBERS ON THE FLEXURAL CRACK WIDTH OF RC BEAM "Mr. Paruchuri Venkata Rao ; Dr .B. Sarath Chandra Kumar ; Dr. K. Ramesh"	28-Feb-20	10.15 AM - 12.30 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
25	MD026	A session key authentication system for smart homes Jeremy Varghese K; A. Vinnarasi	28-Feb-20	10.15 AM - 12.30 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
26	MD037	DEVELOPMENT OF PATIENT-SPECIFIC 3D PRINTED MANDIBL IMPLANT S S AARTHI@PRIYATHARSHINI; S P ANGELENE KIRUBHA	28-Feb-20	10.15 AM - 12.30 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
27	MD039	Thermal imaging method in the evaluation of obesity in various body regions – A preliminary study Richa Rashmi ; U.Snehalatha	28-Feb-20	10.15 AM - 12.30 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
28	MD040	Smart Helmet Arduino Kindled Optimization (SHAKO) Tuhin Sengupta; U.Snehalatha; T.Rajalakshmi	28-Feb-20	10.15 AM - 12.30 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
29	MD042	Affordable Human Motion Analysis System Babu C;Dr.Varshini Karthik;Dr.D.Ashok Kumar	28-Feb-20	10.15 AM - 12.30 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
30	MD043	Thermal Imaging Method in the Evaluation of Psoriasis in Upper Limb Region Meghna Sampath Raman; U.Snehalatha; Nelufer.K; Sakshi Srivastava; Murali Narasimhan	28-Feb-20	10.15 AM - 12.30 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
31	MD044	Design and manufacturing of Mimosa Pudica inspired smart window and analysis of scale dependent constraints Bhavana K, Anudeep Battu, Pavan kumar K, Sudhir Varadarajan V, Jayachandra Bingi	28-Feb-20	10.15 AM - 12.30 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
32	MD054	REALTIME CONTINUOUS WIRELESS VITAL PARAMETER A. Kevin Amos; Dr.T.Rajalakshmi; D.Raja	28-Feb-20	10.15 AM - 12.30 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
33	MD056	A handheld device to monitor Physiological changes using sweat Gayathri Natarajan; S. Shaik Mohamed Badhusha; R.Monisha; T.Rajalakshmi; U Snehalatha	28-Feb-20	2.30 PM - 5.00 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
34	MD036	Postural discomfort analysis of EOT crane operators R Anandakumar ; K R Balasubramanian ; S P Sivapirakasam ; Kurruva Gopanna	28-Feb-20	2.30 PM - 5.00 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
35	MD069	DEVELOP THE CLIMATIC CONDITION RATIO FOR THE TYPICAL BUILDING IN INDIA PAYAL JAIN.P, NAGA CHAITNAYA.K	28-Feb-20	2.30 PM - 5.00 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
36	MD088	Experimental Investigation on Impact of Labours Sleep Deprivation in Pramuk Meridian Project using Application Method- A Case Study SATHVIK S, L KRISHNARAJ	28-Feb-20	2.30 PM - 5.00 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
37	MD091	EXPERIMENTAL STUDIES ON REPLACEMENT OF STEEL STIRRUPS BY SISAL FIBER REINFORCED POLYMER STIRRUPS Dinesh Kumar Raju S , Balasubramanian M	28-Feb-20	2.30 PM - 5.00 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
38	MD092	EXPERIMENTAL INVESTIGATION ON CONCRETE USING TREATED RECYCLED AGGREGATE J.RAJPRASAD; N.PANNIRSELVAM	28-Feb-20	2.30 PM - 5.00 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary

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39	MD074	Attaining Green Building Rating through LEED System for Skill Development Building in KL University India Leela Krishna Siva Prasad Alapati, K. Naga Chaitanya	28-Feb-20	2.30 PM - 5.00 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
40	MD075	Attaining Green Building Rating through GRIHA System for Research and Development Building in KL University India Manaswini Bondili, K. Naga Chaitanya	28-Feb-20	2.30 PM - 5.00 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
41	MD080	Feasibility study and implementation of BIM in small scale projects Devi priya munagala, k.venkatesh	28-Feb-20	2.30 PM - 5.00 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
42	MD081	Performance and cost analysis of modified bitumen binder for flexible pavement "Haravindh vijay kumar","Bodapati Gnana Rahul"	28-Feb-20	2.30 PM - 5.00 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
43	MD089	ANALYSIS THE EFFECT OF CHROMOSOME AND GENERATION COUNT ON GENETIC ALGORITHM IN CONSTRUCTION PROJECTS: A CASE STUDY R. Aarth Reddy, Balasubramanian M	28-Feb-20	2.30 PM - 5.00 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
44	MD099	DIFFERENT TYPE OF NASTIES USING IN LINEAR PROGRAMMING PROBLEM P. Sumathi; N. Indhumathi	28-Feb-20	2.30 PM - 5.00 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
45	MD100	MINIMIZING THE COST USING AN INVENTIVE PROPOSAL IN TRANSPORTATION PROBLEMS P.Sumathi, C.V.Sathiya Bama	28-Feb-20	2.30 PM - 5.00 PM	4 Sir.Vishveswaraya Hall, CRC Block	Multi-Disciplinary
46	MD015	Optimization of shopping product strategy using automatic billing and machine learning enabled smart trolley S Vidhya Kamala Lakshmi; R V Elatchiya; S Balamurugan; Vignesh Shanmugam	29-Feb-20	10.15 AM - 12.30 PM	3 Faraday Hall, EEE Block	Multi-Disciplinary

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Sl.No.	Paper ID	TITLE OF PAPER	DATE	TIME	VENUE
1	TE010	Reduction of HC and CO emissions from diesel engine powered by plastic oil blend using fly ash as catalyst	27-Feb-20	10.30 AM - 12.30 PM	Mechanical Hangar, Main campus
2	TE055	EXPERIMENTAL INVESTIGATION OF LIGHT WEIGHT CEMENTITIOUS MATERIAL FOR THERMAL INSULATION	27-Feb-20	10.30 AM - 12.30 PM	
3	TE085	FRESNEL LENS TECHNOLOGY FOR DISTILLATION OF WATER WITH LDR sensor based tracking mechanism	27-Feb-20	10.30 AM - 12.30 PM	
4	TE086	Investigation on NOx Control in SI engine assisted with Hot and Cold EGR with regular fuel and fuel blends	27-Feb-20	10.30 AM - 12.30 PM	
5	TE105	DESIGN AND CFD ANALYSIS OF MINI SHELL AND TUBE HEAT EXCHANGER FOR LOW TEMPERATURE APPLICATIONS	27-Feb-20	10.30 AM - 12.30 PM	
6	DE068	Experiments and finite element simulations on Ti-6Al-4V.	27-Feb-20	10.30 AM - 12.30 PM	
7	DE072	Development of Rapid Numerical Quadrature in Finite Element Method	27-Feb-20	10.30 AM - 12.30 PM	
8	DE074	Design, fabrication and analysis of automatic pneumatic bumper and brake actuation before collision	27-Feb-20	10.30 AM - 12.30 PM	
9	DE084	Design & Analysis of Assembled Teeth Spur Gear	27-Feb-20	10.30 AM - 12.30 PM	
10	MD005	Rice husk ash based cementitious material for concrete canoe	27-Feb-20	10.30 AM - 12.30 PM	
11	MD032	Development of Hologram tripod for Accident Prevention	27-Feb-20	10.30 AM - 12.30 PM	
12	MD033	Development of Drone for fire suppression for High-rise buildings	27-Feb-20	10.30 AM - 12.30 PM	
13	MD034	Design and Development of Drone Control System	27-Feb-20	10.30 AM - 12.30 PM	
14	MD038	Fuzzy Environment Replacement Model	27-Feb-20	10.30 AM - 12.30 PM	
15	MD051	METHOD OF FINDING AN OPTIMAL SOLUTION FOR INTERVAL BALANCED AND UNBALANCED ASSIGNMENT PROBLEM	27-Feb-20	10.30 AM - 12.30 PM	
16	MD059	A NEW APPROACH FOR OPTIMALITY OF FULLY FUZZY ASSIGNMENT PROBLEMS	27-Feb-20	10.30 AM - 12.30 PM	
17	MD060	AN EFFICIENT ALTERNATIVE APPROACH FOR THE SOLUTION OF AN INTERVAL INTEGER TRANSPORTATION PROBLEM	27-Feb-20	10.30 AM - 12.30 PM	
18	MD072	Game Theory in Military Decision: An Anecdote	27-Feb-20	10.30 AM - 12.30 PM	
19	MD073	EXPERIMENTAL INVESTIGATION ON PARTIAL REPLACEMENT OF COARSE AGGREGATE WITH CERAMIC IN CONCRETE	27-Feb-20	10.30 AM - 12.30 PM	
20	MD077	An alternate method for finding optimal solution to solid transportation problem under fuzzy environment	27-Feb-20	10.30 AM - 12.30 PM	
21	MD086	CONCEPTUAL MODEL ANALYSIS ON EFFECTS OF DELAY IN CONSTRUCTION INDUSTRY BY IDENTIFYING VARIOUS CAUSES-A CASE STUDY	27-Feb-20	10.30 AM - 12.30 PM	
22	MD076	A solution approach for a fully fuzzy assignment problem	27-Feb-20	10.30 AM - 12.30 PM	
23	MD078	A comparative solution of fuzzy unconstrained optimization problems with triangular fuzzy numbers	27-Feb-20	10.30 AM - 12.30 PM	
24	MD084	ISOMETRIC PATH PARTITION NUMBER OF BUTTERFLY NETWORK AND X - TREES	27-Feb-20	10.30 AM - 12.30 PM	
25	ME066	Automated quality monitoring system for Ceramic Tiles	27-Feb-20	01.30 PM - 03.30 PM	
26	ME131	AN EXPERIMENTAL AND CHARACTERISTIC STUDY OF ABACA FIBER CONCRETE	27-Feb-20	01.30 PM - 03.30 PM	
27	ME133	Product Design & development of High-Pressure moulding machine and analysis, comparison of various mould properties which effect casting quality.	27-Feb-20	01.30 PM - 03.30 PM	
28	ME139	An Experimental Study on the Effect of Magnetized water on Mechanical properties of Concrete	27-Feb-20	01.30 PM - 03.30 PM	
29	ME143	Effect of Stone-Thrower-Walls Defect on Mechanical Properties of Bi-layer Graphene - A Molecular Dynamics Study	27-Feb-20	01.30 PM - 03.30 PM	
30	MD087	CHARACTERIZATION OF ZEOLITE INFLUENCE TO IMPROVE THE PERFORMANCE OF CONCRETE	27-Feb-20	01.30 PM - 03.30 PM	
31	MD093	STUDY ON ULTIMATE STRENGTH AND BUCKLING MODES OF COLD FORMED STEEL STRUCTURES	27-Feb-20	01.30 PM - 03.30 PM	
32	MD006	EXPERIMENTAL INVESTIGATION OF LOW DENSITY SOUND INSULATED CONCRETE FABRICATED WALL CLADDING TILES	27-Feb-20	01.30 PM - 03.30 PM	
33	MD058	SOLVING INTERVAL LINEAR PROGRAMMING PROBLEM USING GENERALIZED INTERVAL LU DECOMPOSITION METHOD	27-Feb-20	01.30 PM - 03.30 PM	
34	MD095	Study of Piled and Disconnected Piled Raft System with Raft Foundation in Cohesionless Soil	27-Feb-20	01.30 PM - 03.30 PM	
35	MD096	Investigation on Industrial Waste Material for Stabilizing the Expansive Soil	27-Feb-20	01.30 PM - 03.30 PM	
36	MD098	EFFECT OF PYROPHYLLITE ON BEHAVIOURAL STRENGTH OF CLAYEY SOIL	27-Feb-20	01.30 PM - 03.30 PM	
37	MS054	Study of age hardening process on Al/SiC/Al ₂ O ₃ composite	27-Feb-20	01.30 PM - 03.30 PM	
38	MS024	The Effect of cutting environment on surface roughness and tool life in milling AIAI4340	27-Feb-20	01.30 PM - 03.30 PM	
39	MD011	Emotional Detection and Music Recommendation System based on User Facial Expression	27-Feb-20	01.30 PM - 03.30 PM	
40	TE077	ANALYSIS OF CONCENTRATED SOLAR POWERED REACTOR	27-Feb-20	01.30 PM - 03.30 PM	
41	ME125	Influence of Shot Peening on Surface layer Characteristics of Case Hardened SAE9310 Material	27-Feb-20	01.30 PM - 03.30 PM	
42	MD020	ANALYSIS OF GESTURE RECOGNITION TO EVALUATE HAND SIGNALS	27-Feb-20	01.30 PM - 03.30 PM	
43	MD021	Landmark Detection Using Squeeze and Excitation Residual Neural Networks	27-Feb-20	01.30 PM - 03.30 PM	