

SRM Institute of Science and Technology
DEPARTMENT OF MECHANICAL ENGINEERING
ICRAMER 2021
TENTATIVE SESSION PLAN FOR ORAL PRESENTATION

Sl.No.	Paper ID	TITLE OF PAPER	Session Number	Date of Presentation	Time of Presentation	TOPIC	Meeting link
SESSION 1							
1	M102	Investigation of stress-strain behavior of nanocrystalline copper-tantalum alloy using simulation approach Mahesh Kumar Gupta	session 1	15-04-2021	11.30 AM to 1.00 PM	Composites/Materials	https://meet.google.com/sqh-eksu-uzk
2	M103	Experimental analysis on the mechanical properties of biodegradable PLA composite with jute and hemp reinforcement A.Felix sahayaraj	session 1	15-04-2021	11.30 AM to 1.00 PM	Composites/Materials	https://meet.google.com/sqh-eksu-uzk
3	M105	PLA based Bio Composite - Comprehensive Review A.Felix sahayaraj a , M.Muthukrishnan a , M. Kannan, R.Prem kumar a , S.S. Dhanaprabhu	session 1	15-04-2021	11.30 AM to 1.00 PM	Composites/Materials	https://meet.google.com/sqh-eksu-uzk
4	M106	Removal of Iron from Ground Water Using Low Cost FilterTechnique S.Vanitha *, Dr. N. K. Rajan and Shaik Mehar Afroz Begum	session 1	15-04-2021	11.30 AM to 1.00 PM	Composites/Materials	https://meet.google.com/sqh-eksu-uzk
5	M107	NO2 adsorption on rGO modified Pd-SnO2 for sensor applications: A DFT study Akshya S * & Vimala Juliet A	session 1	15-04-2021	11.30 AM to 1.00 PM	Composites/Materials	https://meet.google.com/sqh-eksu-uzk
6	M117	INVESTIGATION ON DIMENSIONAL DEVIATION AND SURFACE ROUGHNESS OF INCONEL 603 XL PLATE THROUGH WIRE ELECTRICAL DISCHARGE MACHINING S. DHANABALAN , GR. KISHOREKUMAR , R. MANOJ, M. HARIHARAN	session 1	15-04-2021	11.30 AM to 1.00 PM	Composites/Materials	https://meet.google.com/sqh-eksu-uzk
7	M127	To investigate the mechanical characterisation of glass fiber epoxy composite laminates and Glass fibre reinforced with SiC powder. Arjun Sharma, Rahul N Patel	session 1	15-04-2021	11.30 AM to 1.00 PM	Composites/Materials	https://meet.google.com/sqh-eksu-uzk
8	M132	Designing Hybrid Ionic Polymer-Metal Composite with Improved Performance for Soft Robots K. Sai Krishna Chaitanya, P. Shubhabrata Datta	session 1	15-04-2021	11.30 AM to 1.00 PM	Composites/Materials	https://meet.google.com/sqh-eksu-uzk
9	M133	Effect of Chemical Resistance on Aluminum Oxide and Silicon Carbide (1:1) Filled Woven E-Glass Fiber Reinforced Epoxy Composites. Rahul Sharma and Rahul Sen	session 1	15-04-2021	11.30 AM to 1.00 PM	Composites/Materials	https://meet.google.com/sqh-eksu-uzk

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Sl.No.	Paper ID	TITLE OF PAPER	Session Number	Date of Presentation	Time of Presentation	TOPIC	Meeting link
SESSION 2							
10	M112	Improvement of Green Sand-mould quality using Taguchi technique S BOOPATHI, V. GOPINATH, K.GOKUL, B.DHEIVEGAN, S.DILIP KUMAR	session 2	15-04-2021	11.30 AM to 1.00 PM	Design/Optimization	https://meet.google.com/zvj-ghoy-dks
11	M114	Design and evaluation of manual material handling equipment for the pump manufacturing industry Mr. P. Ashok*	session 2	15-04-2021	11.30 AM to 1.00 PM	Design/Optimization	https://meet.google.com/zvj-ghoy-dks
12	M118	Fixture Layout Optimization for Thin Plate Welding using Taguchi Method and Response Surface Methodology S.Selvakumar , G.Prabakaran	session 2	15-04-2021	11.30 AM to 1.00 PM	Design/Optimization	https://meet.google.com/zvj-ghoy-dks
13	M119	FAULT ASSESMENT OF 3PHASE FLAMEPROOF INDUCTION MOTOR V.Vetriselvan, D.Ananthapadmanaban 2C.Manimaran3 M.Sakthivel	session 2	15-04-2021	11.30 AM to 1.00 PM	Design/Optimization	https://meet.google.com/zvj-ghoy-dks
14	M129	Application of Fuzzy logic in Additive Manufacturing: A Review C.Arvind,	session 2	15-04-2021	11.30 AM to 1.00 PM	Design/Optimization	https://meet.google.com/zvj-ghoy-dks
15	M160	Design and Optimization of a Reusable Space Launch Vehicle Rakesh S, Akilan S, Barath S, Dr. R. Manikandan	session 2	15-04-2021	11.30 AM to 1.00 PM	Design/Optimization	https://meet.google.com/zvj-ghoy-dks
16	M162	PARAMETRIC OPTIMIZATION OF TOTAL HIP IMPLANT USING ANN Resmi S.L, Hashim V, Jesna Mohammed, P.N Dileep	session 2	15-04-2021	11.30 AM to 1.00 PM	Design/Optimization	https://meet.google.com/zvj-ghoy-dks
17	M166	Numerical investigations on bicycle suspension improvement by the use of Negative Stiffness Method Divya D, Venkata Ramana M, Jagadeesh V	session 2	15-04-2021	11.30 AM to 1.00 PM	Design/Optimization	https://meet.google.com/zvj-ghoy-dks
18	M167	Enhance the effect of process parameters on microcrack generation of machining borosilicate glass using abrasive water jet machining process Kingshuk Mukherjeea, T.Geethapriyanb*, Shilpi Shikha Saikiac	session 2	15-04-2021	11.30 AM to 1.00 PM	Design/Optimization	https://meet.google.com/zvj-ghoy-dks

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SESSION 3							
19	M122	Integration of Solar and Human Thermal Energy for Bio-Medical Wearable Devices S.Indirani*, Sridhar Arjunan, Varun Mony Abraham and Swaroop Santhosh	session 3	15-04-2021	11.30 AM to 1.00 PM	Energy/Sustainability	https://meet.google.com/gpi-jmyd-ivg?hs=122&authuser=0
20	M128	Optimal Utilization of Reactive Power Capability of Distributed Solar PV Inverter in Distribution Systems Mohsina Nazir * , Arjun Tyagi , V. V. Tyagi	session 3	15-04-2021	11.30 AM to 1.00 PM	Energy/Sustainability	https://meet.google.com/gpi-jmyd-ivg?hs=122&authuser=0
21	M150	BIOMATERIALS BASED ENERGY SOURCE FOR ELECTRICAL VEHICLES: A REVIEW Dr. M. Easwaramoorthi, A.ARUNRAJA,V.KATHIRVEL, S.V.KEERTHIVASAN, K.NAVEEN	session 3	15-04-2021	11.30 AM to 1.00 PM	Energy/Sustainability	https://meet.google.com/gpi-jmyd-ivg?hs=122&authuser=0
22	M152	Effects of CuO Nano Additives on Performance and Emission Characteristics of Putranjiva Biodiesel J.Arunprasad , T.Jayakumar , *R.Thirugnanasambantham R.Rajesh, S.Sugumar and T.Elango	session 3	15-04-2021	11.30 AM to 1.00 PM	Energy/Sustainability	https://meet.google.com/gpi-jmyd-ivg?hs=122&authuser=0
23	M156	Review paper on growth of renewable energy sector in J&K and Ladakh Shailender Mohan Sharma, Dr. Sanjeev Anand	session 3	15-04-2021	11.30 AM to 1.00 PM	Energy/Sustainability	https://meet.google.com/gpi-jmyd-ivg?hs=122&authuser=0
24	M201	A Prospective on Electric Vehicles in India: Scope and Barriers Muskan Sharma*, Arjun Tyagi1, V. V. Tyagi,	session 3	15-04-2021	11.30 AM to 1.00 PM	Energy/Sustainability	https://meet.google.com/gpi-jmyd-ivg?hs=122&authuser=0
25	M207	Development of Solar operated Seed Sowing and Water spraying machine S. Balakrishnan , K. Rajesh , P. Sivaraman , S. S. Tanikasalam , K. Panneer selvam	session 3	15-04-2021	11.30 AM to 1.00 PM	Energy/Sustainability	https://meet.google.com/gpi-jmyd-ivg?hs=122&authuser=0
26	M210	Infusion of Solar Photovoltaic and Biomass Plants into Micro-Grid for reliable power supply in rural areas: A Review Shailender Mohan Sharma , S. Anand	session 3	15-04-2021	11.30 AM to 1.00 PM	Energy/Sustainability	https://meet.google.com/gpi-jmyd-ivg?hs=122&authuser=0
27	M221	Advancements in Solar Still with and without thermal energy storage Azlee Anjum and V.V. Tyagi	session 3	15-04-2021	11.30 AM to 1.00 PM	Energy/Sustainability	https://meet.google.com/gpi-jmyd-ivg?hs=122&authuser=0

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Sl.No.	Paper ID	TITLE OF PAPER	Session Number	Date of Presentation	Time of Presentation	TOPIC	Meeting link
SESSION 4							
28	M121	Experimental analysis and optimization of machinability of superalloys using carbide inserts V Veeranaath*, Sai Krishna, Nitheesh S.K	session 4	15-04-2021	11.30 AM to 1.00 PM	Machining	https://meet.google.com/upm-waky-pny
29	M123	MITIGATION OF SECONDARY SPARK IN ELECTRO-DISCHARGE MACHINING OF MICRO HOLES USING COATED ELECTRODES Naveen Anthuvan Ra, Krishnaraj Va, Jayakrishnan Nampoothiria, Devi Rb	session 4	15-04-2021	11.30 AM to 1.00 PM	Machining	https://meet.google.com/upm-waky-pny
30	M124	Effect of cutting parameters on dry turning of Austenitic Stainless Steel (316L) Aby M Philip*, Dr. Kalyan Chakraborty	session 4	15-04-2021	11.30 AM to 1.00 PM	Machining	https://meet.google.com/upm-waky-pny
31	M136	Novel Synthesizing and Optimization of EDM for Electrode Wear Rate and Metal Removal Rate of Copper Metal Matrix Composite Reinforced with Tungsten Carbide Duraisivam.S a , Suresh.P b , Jamuna.E	session 4	15-04-2021	11.30 AM to 1.00 PM	Machining	https://meet.google.com/upm-waky-pny
32	M151	A Comparative Study on Drilling and End-Milling Characteristics on Banana and Human hair Fibres composite material BOOPATHI, SAMPATH, V. GOPINATH, K.GOKUL, B.DHEIVEGAN, S.DILIP KUMAR	session 4	15-04-2021	11.30 AM to 1.00 PM	Machining	https://meet.google.com/upm-waky-pny
33	M197	Finite element simulation of machining superalloys using carbide inserts V Veeranaath*, Sai Krishna, Nitheesh S.K	session 4	15-04-2021	11.30 AM to 1.00 PM	Machining	https://meet.google.com/upm-waky-pny
34	M204	Investigation on Effect of TiN, TiAlN & DLC -Triple Layer Coated Carbide Tool in Machining of Al-Si 4032 Alloy Kamatchi Hariharan.M, b Ravikumar.K, c M.D.Rajkamal	session 4	15-04-2021	11.30 AM to 1.00 PM	Machining	https://meet.google.com/upm-waky-pny
35	M216	EVALUATION OF OPTIMUM PROCESS PARAMETERS FOR END MILLING OF EN24 MATERIAL USING REGRESSION ANALYSIS AND FUZZY LOGIC R.Murugan, G.Gnanakumar, G.SenthilKumar and N.Nithyanandan	session 4	15-04-2021	11.30 AM to 1.00 PM	Machining	https://meet.google.com/upm-waky-pny
36	M217	Performance Evaluation of Laser Surface Textured Tools during Dry Machining of Aluminium Alloy AA2024 R.Gowri Manohar, Dr.K.Duraivelu	session 4	15-04-2021	11.30 AM to 1.00 PM	Machining	https://meet.google.com/upm-waky-pny

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SESSION 5							
37	M120	Experimental investigations on surface roughness during Ultrasonic Assisted Turning of Titanium alloy Umasekar V G*, Sriram Nandakumar, Jibran Ahmed, Stalin John M R	session 5	15-04-2021	11.30 AM to 1.00 PM	Manufacturing	meet.google.com/zqi-yxwu-gss
38	M125	Machine Vision Based Enhanced Self-Navigation for Agricultural Mobile Robot M. Ramkumar and M. R. Stalin John	session 5	15-04-2021	11.30 AM to 1.00 PM	Manufacturing	meet.google.com/zqi-yxwu-gss
39	M130	Technology Overview of Metal Additive Manufacturing Processes Pratheesh Kumar S , Naveen Anthuvan R, Ramakrishna J R, Sanjith Raj S, Sachin Dhaman P M, Santhosh Kumar M	session 5	15-04-2021	11.30 AM to 1.00 PM	Manufacturing	meet.google.com/zqi-yxwu-gss
40	M134	Investigation And Optimization Of Piston Head And Air Flow Through The Combustion Chamber Using CFD M. Easwaramoorthi and S. Balakrishnan	session 5	15-04-2021	11.30 AM to 1.00 PM	Manufacturing	meet.google.com/zqi-yxwu-gss
41	M135	Characterization of Biomasses Suitable for Gasification Sanjaya Kumar Mishra, Premananda Pradhan, Shakti Prakash Jena	session 5	15-04-2021	11.30 AM to 1.00 PM	Manufacturing	meet.google.com/zqi-yxwu-gss
42	M138	Mechanical behavior of Carbon fiber reinforced sheets: Numerical investigation on ANSYS Rajesh Kumar M A * , Abdul Zubar Hameed , Nandhini N	session 5	15-04-2021	11.30 AM to 1.00 PM	Manufacturing	meet.google.com/zqi-yxwu-gss
43	M139	Experimental and numerical investigations on the effect of tool geometry in single point incremental forming Pratheesh kumar S*, Elangovan S, Boopathi S	session 5	15-04-2021	11.30 AM to 1.00 PM	Manufacturing	meet.google.com/zqi-yxwu-gss
44	M141	Performance and optimization analysis for micro canal using analysis of variance Abdul Zubar Hameed *	session 5	15-04-2021	11.30 AM to 1.00 PM	Manufacturing	meet.google.com/zqi-yxwu-gss
45	M144	INVESTIGATION AND ANALYSIS OF LIGHTWEIGHT ELECTRIC BIKE STRUCTURES Dr.M. Easwaramoorthi, J. Keerthiaravind, V. Piraneash, S. Muruganatham	session 5	15-04-2021	11.30 AM to 1.00 PM	Manufacturing	meet.google.com/zqi-yxwu-gss

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SESSION 6							
46	M176	Violent Activity Detection Using Optical Flow & Long Short-Term Memory (LSTM) Technique in Real World Vidushi Srivastava	session 6	15-04-2021	11.30 AM to 1.00 PM	Miscellaneous	meet.google.com/bfu-cxti-vaa
47	M196	FAULT DIAGNOSIS ON CENTRIFUGAL PUMPS USING CONVOLUTION NEURAL NETWORK – A THEORETICAL FRAMEWORK Manikandan S*, Duraivelu K	session 6	15-04-2021	11.30 AM to 1.00 PM	Miscellaneous	meet.google.com/bfu-cxti-vaa
48	M198	EFFECTIVE UTILIZATION OF BATTERY SYSTEM FOR ELECTRIC VEHICLES Rahul Va, Rajarajan Sa Paramasivam Ab, Vidhushini Pc, Arunprakash Nd	session 6	15-04-2021	11.30 AM to 1.00 PM	Miscellaneous	meet.google.com/bfu-cxti-vaa
49	M208	STUDY ON EFFECT OF SMARTPHONE (TEXTING/GAMING) ON THUMB MUSCLE ACTIVITIES Janaarthanane T, Sai Venkat K V, D. Bhanu Priya, Murali Subramaniyam	session 6	15-04-2021	11.30 AM to 1.00 PM	Miscellaneous	meet.google.com/bfu-cxti-vaa
50	M211	DESIGN AND FABRICATION OF SELF SYNCHRONOUS DC MOTOR FOR BETTER TORQUE-SPEED CHARACTERISTICS M ANAND, P.ARUNARANI*	session 6	15-04-2021	11.30 AM to 1.00 PM	Miscellaneous	meet.google.com/bfu-cxti-vaa
51	M218	Steps Controller in Heavy Duty Vehicles M Ashwin, M Ashwin, P Sanjay Kumar, Z Mohamed Farman, Dr C Elanchezhian	session 6	15-04-2021	11.30 AM to 1.00 PM	Miscellaneous	meet.google.com/bfu-cxti-vaa
52	M233	Comparative Analysis of Reversible Logic Based Multiplier Designs using Soha Maqbool Bhat, Suhaib Ahmed and Vipin Kakkar	session 6	15-04-2021	11.30 AM to 1.00 PM	Miscellaneous	meet.google.com/bfu-cxti-vaa
53	M237	Secured Manual Food Delivery System MADHAVAN R., VINOThAGAN	session 6	15-04-2021	11.30 AM to 1.00 PM	Miscellaneous	meet.google.com/bfu-cxti-vaa
54	M249	AUTOMATIC BREAK FAILURE INDICATION SYSTEMS ESWARAN S, RAGHUL A, RAGUL D, SUDHAKAR S, VIGNESH M	session 6	15-04-2021	11.30 AM to 1.00 PM	Miscellaneous	meet.google.com/bfu-cxti-vaa

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SESSION 7							
55	M100	Subject Tracking Robotic Manipulator using Pan-Tilt Mechanism S. Fouziya Sulthana	session 7	15-04-2021	11.30 AM to 1.00 PM	Robotics	https://meet.google.com/ios-rfnv-fgt?hs=122&authuser=0
56	M101	Walking Gadget for Partially Disabled Person H.MOHAMMED ALI	session 7	15-04-2021	11.30 AM to 1.00 PM	Robotics	https://meet.google.com/ios-rfnv-fgt?hs=122&authuser=0
57	M104	Line Follower Robot based Room Service Automation in Hospital Environment Cross T. Asha wise and Fouziya Sulthana S.	session 7	15-04-2021	11.30 AM to 1.00 PM	Robotics	https://meet.google.com/ios-rfnv-fgt?hs=122&authuser=0
58	M116	Hydraulic Robotic Arm for Medical Assitance in Quarintine Centers VLVS Chaitanya, , S. Bala Sathish Reddy, M.Gunasekaran	session 7	15-04-2021	11.30 AM to 1.00 PM	Robotics	https://meet.google.com/ios-rfnv-fgt?hs=122&authuser=0
59	M126	Design and Simulation of Agricultural Mobile Robot for Ploughing and Spraying Operation with Controlled by IOT M. Ramkumar and M. R. Stalin John	session 7	15-04-2021	11.30 AM to 1.00 PM	Robotics	https://meet.google.com/ios-rfnv-fgt?hs=122&authuser=0
60	M131	Tendon Driven Dextrous Prosthetic Arm Using s-EMG Technique K. Sai Subhash , S. Prabhu* , Ch. Vasanth Kumar	session 7	15-04-2021	11.30 AM to 1.00 PM	Robotics	https://meet.google.com/ios-rfnv-fgt?hs=122&authuser=0
61	M140	Design and simulation of motion controlled robotic arm using hand gestures Balaji Murugan,S. Prabhakaran,Mr. S. Kolli Balasivarama Reddy	session 7	15-04-2021	11.30 AM to 1.00 PM	Robotics	https://meet.google.com/ios-rfnv-fgt?hs=122&authuser=0
62	M146	DESIGN AND ANALYSIS ON SOFT GRIPPER FINGER WITH PARALLELOGRAM CHAMBERS V Desiga Sabarish and Sandipan Roy	session 7	15-04-2021	11.30 AM to 1.00 PM	Robotics	https://meet.google.com/ios-rfnv-fgt?hs=122&authuser=0
63	M154	DESIGN ANALYSIS AND FABRICATION OF TELEPRESENCE ROBOT FOR MEDICAL PURPOSE BY USING SLAM Sk. Nazeer Basha, D.Vamsi Krishna* , Sk.Sameer	session 7	15-04-2021	11.30 AM to 1.00 PM	Robotics	https://meet.google.com/ios-rfnv-fgt?hs=122&authuser=0

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SESSION 8							
64	M137	EXPERIMENTAL STUDY ON FIBRE METAL LAMINATE COMPOSITES Suresh Balaji M , Prem Kumar M , I. Infanta Mary Priya	session 8	15-04-2021	11.30 AM to 1.00 PM	Composites/Materials	https://meet.google.com/yas-tpd-vmr
65	M142	Study on mechanical properties of natural fiber reinforced polymer matrix composites Rahul Alagusundaram , S.Shakthivel	session 8	15-04-2021	11.30 AM to 1.00 PM	Composites/Materials	https://meet.google.com/yas-tpd-vmr
66	M143	AN INVESTIGATION OF EDM PROCESS PARAMETERS AND MICROSTRUCTURE DURING MACHINING OF DIFFERENT ALLOY MATERIALS S.Dhandapani * ,R.Giri , C.Devanathan	session 8	15-04-2021	11.30 AM to 1.00 PM	Composites/Materials	https://meet.google.com/yas-tpd-vmr
67	M148	Fabrication of Polymer Nano-composites with Polylactic Acid/Basalt via Friction Stir Processing Arun N, Sathvik VD, Chhavi Paramhans	session 8	15-04-2021	11.30 AM to 1.00 PM	Composites/Materials	https://meet.google.com/yas-tpd-vmr
68	M153	Analysis of natural frequencies of a gas turbine blade using Ansys & Matlab Suraj Kumar Naik,	session 8	15-04-2021	11.30 AM to 1.00 PM	Composites/Materials	https://meet.google.com/yas-tpd-vmr
69	M165	Friction Stir Welding of heat treatable and non-heat treatable dissimilar Aluminium Alloys AA 6061-T6 and AA5083-H111 R.Manikandan, G. Elatharasan	session 8	15-04-2021	11.30 AM to 1.00 PM	Composites/Materials	https://meet.google.com/yas-tpd-vmr
70	M172	ANALYSIS ON DISC BRAKE WITH DIFFERENT MATERIAL AND THICKNESS BY USING ANSYS N.Dheepanath, Yuvaraj.S, Praveen.M,Manivel.R	session 8	15-04-2021	11.30 AM to 1.00 PM	Composites/Materials	https://meet.google.com/yas-tpd-vmr
71	M173	Microstructure Based Fracture Analysis on Particles Dispersed Polymer Matrix Composites Elamvazhudi.B , Dr.S.Gopalakannan , Mohamed Ashif	session 8	15-04-2021	11.30 AM to 1.00 PM	Composites/Materials	https://meet.google.com/yas-tpd-vmr
72	M174	MECHANICAL BEHAVIOUR OF ALUMINIUM 8081 BASED METAL MATRIX COMPOSITE REINFORCED WITH B 4 C S.Vijay R.Jegadeeswaran A.Jeyanth R.Gurubaran	session 8	15-04-2021	11.30 AM to 1.00 PM	Composites/Materials	https://meet.google.com/yas-tpd-vmr

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SESSION 9							
73	M169	Optimization of Aluminium foams for improved cellular structure Bulusu Rakesh	session 9	15-04-2021	2.30 PM to 4.00 PM	Design/Optimization	https://meet.google.com/nxm-rxcg-upz
74	M171	Experimental Investigation of process parameter influences of Electrochemical Micro Machining Process on Al Metal Matrix Composite V.Sathiyamoorthy , S.Balamurugan and S.Palani	session 9	15-04-2021	2.30 PM to 4.00 PM	Design/Optimization	https://meet.google.com/nxm-rxcg-upz
75	M179	EFFECT OF WELDING RESIDUAL STRESS ON BUCKLING LOAD FACTOR OF THIN LOW CARBON STEEL PLATES Sivasubramanian N. S.a and Joy Varghese V.M.b	session 9	15-04-2021	2.30 PM to 4.00 PM	Design/Optimization	https://meet.google.com/nxm-rxcg-upz
76	M180	PRODUCTIVITY IMPROVEMENT OF PRODUCTION LINE SYSTEM USING REDUCTION OF CYCLE TIME Vidhushini Pa, Paramasivam Ab, Aruprakash Nc	session 9	15-04-2021	2.30 PM to 4.00 PM	Design/Optimization	https://meet.google.com/nxm-rxcg-upz
77	M186	Study on Characteristics and Performance of Butterfly Valve using Numerical Methods - A Review K. Yuvaraj	session 9	15-04-2021	2.30 PM to 4.00 PM	Design/Optimization	https://meet.google.com/nxm-rxcg-upz
78	M191	DESIGN AND FABRICATION OF AUTOFEED PNEUMATIC PUNCHING AND RIVETING MACHINE Velayutham.pon, Tison Antonio.j	session 9	15-04-2021	2.30 PM to 4.00 PM	Design/Optimization	https://meet.google.com/nxm-rxcg-upz
79	M193	Optimization of surface roughness in ultrasonic vibration assisted turning of titanium alloy Ti6Al4V Umasekar V G*, Stalin John M R	session 9	15-04-2021	2.30 PM to 4.00 PM	Design/Optimization	https://meet.google.com/nxm-rxcg-upz
80	M195	Optimization of Process Parameters for Surface Roughness and Tool Nose Radius Deviation in Face Milling of AZ31 Alloy using Taguchi with Grey Relational Analysis J.Santhakumar and U. Mohammed Iqbal	session 9	15-04-2021	2.30 PM to 4.00 PM	Design/Optimization	https://meet.google.com/nxm-rxcg-upz
81	M200	DESIGN AND OPTIMIZATION OF AN ASSEMBLY LINE IN A PUMP Ravirajvarma M	session 9	15-04-2021	2.30 PM to 4.00 PM	Design/Optimization	https://meet.google.com/nxm-rxcg-upz

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Sl.No.	Paper ID	TITLE OF PAPER	Session Number	Date of Presentation	Time of Presentation	TOPIC	Meeting link
SESSION 10							
82	M223	Market Power of Renewable Energy Sources: A Review Dikshit Langer, S. Anand	session 10	15-04-2021	2.30 PM to 4.00 PM	Energy/Sustainability	https://meet.google.com/lookup/f6r4vt3wwwu
83	M224	Performance Assessment of Solar powered Organic Rankine cycle based Thermal Power Plant Prateek Tripathi, S Anand	session 10	15-04-2021	2.30 PM to 4.00 PM	Energy/Sustainability	https://meet.google.com/lookup/f6r4vt3wwwu
84	M235	Improvement in Efficiency of Solar Photovoltaic Panels Saman Aijaz Sidiqi, Divanshi Gupta	session 10	15-04-2021	2.30 PM to 4.00 PM	Energy/Sustainability	https://meet.google.com/lookup/f6r4vt3wwwu
85	M236	Development in Renewable Energy Policy and Implementation for Jammu & Kashmir Pallavi Sarngal, V.V. Tyagi1 and Amit Verma	session 10	15-04-2021	2.30 PM to 4.00 PM	Energy/Sustainability	https://meet.google.com/lookup/f6r4vt3wwwu
86	M241	Determination of suitability of bio-ethanol from citrus fruit peelings for fuel blends N.Lakshminarayanan, Dr.K.G.Muthurajan, Prof.T.Rajasekaranc	session 10	15-04-2021	2.30 PM to 4.00 PM	Energy/Sustainability	https://meet.google.com/lookup/f6r4vt3wwwu
87	M248	Recent Progress on thermal energy storage based Solar Water Heating System Hardik Sharma	session 10	15-04-2021	2.30 PM to 4.00 PM	Energy/Sustainability	https://meet.google.com/lookup/f6r4vt3wwwu
88	M289	Study of energy analysis of a residential building and its daylight optimisation Sandhra Thersa Benedict, N. Ganapathy Ramasamy	session 10	15-04-2021	2.30 PM to 4.00 PM	Energy/Sustainability	https://meet.google.com/lookup/f6r4vt3wwwu
89	M290	Gaseous Fuel Combustion in Porous Radiant Burners – A Review Kishan Dash, and Sikata Samantaray	session 10	15-04-2021	2.30 PM to 4.00 PM	Energy/Sustainability	https://meet.google.com/lookup/f6r4vt3wwwu
90	M293	Single Phase Flow and Heat Transfer Analysis in a Rectangular Microchannel Using ANSYS Fluent Dasari Ajay, G.A.Vivek, Ravi Kumar Panthangi	session 10	15-04-2021	2.30 PM to 4.00 PM	Energy/Sustainability	https://meet.google.com/lookup/f6r4vt3wwwu

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Sl.No.	Paper ID	TITLE OF PAPER	Session Number	Date of Presentation	Time of Presentation	TOPIC	Meeting link
SESSION 11							
91	M263	Performance studies of drilling process parameters on AA6061 using Taquchi Grey relational Analysis Mohammed Iqbal, Santhakumar J, Gajendra Sharma, Rishav Singh,	session 11	15-04-2021	2.30 PM to 4.00 PM	Machining	https://meet.google.com/lookup/ejxa6k77c7?authuser=0&hs=179
92	M286	Sustainable alternatives for conventional cutting fluid applications in metal cutting for improved machinability: a review HIRAN GABRIEL D J	session 11	15-04-2021	2.30 PM to 4.00 PM	Machining	https://meet.google.com/lookup/ejxa6k77c7?authuser=0&hs=179
93	M300	A review of machine learning for the prediction and optimization of metal forming process S. P Sundar Singh Sivam,S.E. SAIRAGHAV, S. Shariq Ibrahim	session 11	15-04-2021	2.30 PM to 4.00 PM	Machining	https://meet.google.com/lookup/ejxa6k77c7?authuser=0&hs=179
94	M312	Experimental Study Of Micro-EDM On EN24 Steel With Normal Brass, Tin Coated Brass, Cryogenic Treated Brass Tool by Varying the Machining Parameters . D.Elil raja*, K.Ganasekaran, K.Ramesh, S.Jagadeesh, S.Prathap Singh	session 11	15-04-2021	2.30 PM to 4.00 PM	Machining	https://meet.google.com/lookup/ejxa6k77c7?authuser=0&hs=179
95	M314	EXPERIMENTAL INVESTIGATION OF DRILLING AND REAMING PROCESSES A.THIRUGNANAM,AISHIK BANERJEE, KUMAR PUSHKAR,Dr. M.R. STALIN JOHN	session 11	15-04-2021	2.30 PM to 4.00 PM	Machining	https://meet.google.com/lookup/ejxa6k77c7?authuser=0&hs=179
96	M322	PERFORMING BURNISHING OPERATION ON ALUMINIUM SILICON CARBIDE COMPOSITE USING ROLLER BURNISHER KUSHAL KUMAR.I, PRAVEEN.K.R , Dr.M.R.STALIN JOHN	session 11	15-04-2021	2.30 PM to 4.00 PM	Machining	https://meet.google.com/lookup/ejxa6k77c7?authuser=0&hs=179

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SESSION 12							
100	M145	DEVELOPMENT OF INTEGRATED 2 & 3-WHEELS ELECTRIC CYCLE Dr. M. Eswaramoorthi, M. Manikandan, P. Manikandan, Muhammed salim	session 12	15-04-2021	2.30 PM to 4.00 PM	Manufacturing	https://meet.google.com/pyj-emri-zdz
101	M147	Development Of Automatic Document Storing And Retrieval System I.Aadil Mohamed, V.Aadhii Seshan, S.U.Aakash , E.Shankar	session 12	15-04-2021	2.30 PM to 4.00 PM	Manufacturing	https://meet.google.com/pyj-emri-zdz
102	M149	Surface Finish Quality Prediction of Welded Joints using Convolutional Neural Networks Samrat Sakha, S. Rohit and S. Panneer Selvan*	session 12	15-04-2021	2.30 PM to 4.00 PM	Manufacturing	https://meet.google.com/pyj-emri-zdz
103	M155	Experimental Investigation of the Mechanical Properties of the Carbon/Epoxy Laminates Modified with Halloysite Nanotubes(HNT) at Elevated Temperatures. Shebaz Ahamed J P, Hari Karan V, Gokul L	session 12	15-04-2021	2.30 PM to 4.00 PM	Manufacturing	https://meet.google.com/pyj-emri-zdz
104	M157	Prediction of optimal parameters of three-dimensional manufacturing process using Taguchi Method Boopathi Sampatha *, Jeyakumar Ma, Yuvaraj Tc	session 12	15-04-2021	2.30 PM to 4.00 PM	Manufacturing	https://meet.google.com/pyj-emri-zdz
105	M158	A Brief Study on Additively Manufactured Soft Pneumatic Actuators Pranjul Pal and Dr. Anand Kumar	session 12	15-04-2021	2.30 PM to 4.00 PM	Manufacturing	https://meet.google.com/pyj-emri-zdz
106	M170	Online monitoring system for milling process by ANFIS S. Palani , V.Sathiyamoorthy and S.Balamurugan	session 12	15-04-2021	2.30 PM to 4.00 PM	Manufacturing	https://meet.google.com/pyj-emri-zdz
107	M177	Optimisation of process parameters in EDM of AISI 304 Stainless steel using Taguchi technique Suresh T, Suresh P	session 12	15-04-2021	2.30 PM to 4.00 PM	Manufacturing	https://meet.google.com/pyj-emri-zdz
108	M178	High speed machining of Ti-6Al-4V alloy on the microstructure and the wear behavior of carbide insert under dry lubrication condition Umapathy A ,I. Infanta Mary Priya	session 12	15-04-2021	2.30 PM to 4.00 PM	Manufacturing	https://meet.google.com/pyj-emri-zdz

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SESSION 13							
109	M273	ANALYSIS OF SUPPLY CHAIN MANAGEMENT IN BOP MARKETS Dr.P.Maheswari	session 13	15-04-2021	2.30 PM to 4.00 PM	Miscellaneous	meet.google.com/ivr-ggnc-fwu
110	M277	Investigation of Low and Medium Frequency Instabilities Using Multi Jessima Parveen H, Thanigaiyarasu.G	session 13	15-04-2021	2.30 PM to 4.00 PM	Miscellaneous	meet.google.com/ivr-ggnc-fwu
111	M283	Technical Invoice Data Extraction System: State of the Art, Research Gayathri M., Oshi Varma, Samarth Srivastava	session 13	15-04-2021	2.30 PM to 4.00 PM	Miscellaneous	meet.google.com/ivr-ggnc-fwu
112	M284	Regenerative Braking of BLDC Motor applied to Electric Vehicles. M Arun Noyal Dossa, Anuja T.A.b, K.N.D.V Sai Eswarb, M.Vinoth Rajac, V.S. Ramasubramaniand, E.Shalinie, S.Priyaf	session 13	15-04-2021	2.30 PM to 4.00 PM	Miscellaneous	meet.google.com/ivr-ggnc-fwu
113	M285	STUDY ON THE MECHANICAL PROPERTIES AND COST EFFECTIVE OF STEEL RECRON HYBRID FIBRE CONCRETE EFFECTIVE OF STEEL RECRON HYBRID FIBRE CONCRETE. *Jacob Varkey. A. Arokia Prakash	session 13	15-04-2021	2.30 PM to 4.00 PM	Miscellaneous	meet.google.com/ivr-ggnc-fwu
114	M288	EXPERIMENTAL INVESTIGATION OF SELF HEALING CONCRETE USING TAGUCHI'S METHOD Mr.Dinesh chandar.K, Mr.N.Ganapathy Ramasamy,	session 13	15-04-2021	2.30 PM to 4.00 PM	Miscellaneous	meet.google.com/ivr-ggnc-fwu
115	M294	ANALYSIS AND DESIGN OF CYCLONE SHELTER ALONG EAST COAST OF TAMIL NADU D. Anburaja * and R. Nagalakshmi ,	session 13	15-04-2021	2.30 PM to 4.00 PM	Miscellaneous	meet.google.com/ivr-ggnc-fwu
116	M295	NUMERICAL INVESTIGATION OF CONCRETE ENCASED EQUAL-LEG ANGLE STEEL COMPOSITE COLUMN USING ABAQUS, Arya Vinod P, G.Senthil Kumar	session 13	15-04-2021	2.30 PM to 4.00 PM	Miscellaneous	meet.google.com/ivr-ggnc-fwu
117	M296	Study on structural behaviour of light gauge steel sheet with concrete under flexure for V-shaped shear connector S. Sivakamasundari, Agil Jose Cyriac	session 13	15-04-2021	2.30 PM to 4.00 PM	Miscellaneous	meet.google.com/ivr-ggnc-fwu

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SESSION 14							
118	M161	SIMULATION OF TWO-AREA POWER SYSTEM USING VARIOUS CONTROLLERS IN A DEREGULATED ENVIRONMENT. AKSHAY KUMAR KHAIWAL	session 14	15-04-2021	2.30 PM to 4.00 PM	Robotics	https://meet.google.com/pwc-kkdt-jvg?hs=122&authuser=0
119	M163	Design and Analysis of Assistant Mobile Robot for Isolated Patients Dhruba Jyoti Sut, S. Prabhu *, Ch. Vasanth Kumar	session 14	15-04-2021	2.30 PM to 4.00 PM	Robotics	https://meet.google.com/pwc-kkdt-jvg?hs=122&authuser=0
120	M164	Artificial Intelligence Based Human Assist Robot R Anbarasan and Manojkumar	session 14	15-04-2021	2.30 PM to 4.00 PM	Robotics	https://meet.google.com/pwc-kkdt-jvg?hs=122&authuser=0
121	M190	Design and Control of Exoskeleton Robotic arm Using EEG Signals Karan Ashok Jalwani ,A.Vijaya	session 14	15-04-2021	2.30 PM to 4.00 PM	Robotics	https://meet.google.com/pwc-kkdt-jvg?hs=122&authuser=0
122	M214	Human Activity Recognition Through Smartphones Using Machine Learning: A Review Bushra Ali, Ms. Sonika Gupta	session 14	15-04-2021	2.30 PM to 4.00 PM	Robotics	https://meet.google.com/pwc-kkdt-jvg?hs=122&authuser=0
123	M220	Design and Development of Compliant Mechanisms using various sensors and actuators: A Review Arun B. Mali and G. Arunkumar	session 14	15-04-2021	2.30 PM to 4.00 PM	Robotics	https://meet.google.com/pwc-kkdt-jvg?hs=122&authuser=0
124	M229	ADVANCED BUS TRACKING SYSTEM USING IOT MADHAVAN R, VINOTHAGAN S	session 14	15-04-2021	2.30 PM to 4.00 PM	Robotics	https://meet.google.com/pwc-kkdt-jvg?hs=122&authuser=0
125	M231	CNN-based Malware Code Detection with Hybrid Optimization Arshi kumari*, Dr. Sunanda	session 14	15-04-2021	2.30 PM to 4.00 PM	Robotics	https://meet.google.com/pwc-kkdt-jvg?hs=122&authuser=0
126	M232	DEVELOPMENT OF PIPELINE INSPECTION ROBOT USING ADDITIVE MANUFACTURING Mr. Steve James and Mrs R. Ambigai	session 14	15-04-2021	2.30 PM to 4.00 PM	Robotics	https://meet.google.com/pwc-kkdt-jvg?hs=122&authuser=0

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Sl.No.	Paper ID	TITLE OF PAPER	Session Number	Date of Presentation	Time of Presentation	TOPIC	Meeting link
SESSION 15							
127	M175	Fabrication and characterization of aluminium matrix hybrid composites S Arun Prasath , V Veeranaath , K Pavan Teja , Bijay Prasad	session 15	15-04-2021	2.30 PM to 4.00 PM	Composites/Materials	https://meet.google.com/qzb-ytrs-fhh
128	M181	structure analysis of 410 stainless steel by Nd: YAG laser metal joining Bala kumaran M * and Rajavel R	session 15	15-04-2021	2.30 PM to 4.00 PM	Composites/Materials	https://meet.google.com/qzb-ytrs-fhh
129	M182	A Survey on Experimental Characterization of SaccharumMunja Grass Fibers Vatsal Vajpai, a) and Dr. VinayPratap Singh	session 15	15-04-2021	2.30 PM to 4.00 PM	Composites/Materials	https://meet.google.com/qzb-ytrs-fhh
130	M183	Analysis of Damage mode on ballistic Impact response of the Fiber metal laminate Vijayan Ma,*, SelladuraiVa, Balaganesan Gb	session 15	15-04-2021	2.30 PM to 4.00 PM	Composites/Materials	https://meet.google.com/qzb-ytrs-fhh
131	M184	A Review on Machining of Austempered Ductile Iron (ADI) using different Conventional Machining Process AnandRonald . B, Sharun. V	session 15	15-04-2021	2.30 PM to 4.00 PM	Composites/Materials	https://meet.google.com/qzb-ytrs-fhh
132	M188	Design And Analysis Of Solid Rocket Motor Casing Made of Composite Materials Using Creo 3.0 and ANSYS Pidaparthy Maheshbabu Dr.R.Ramkumar Kolluri Venkateswara Rao	session 15	15-04-2021	2.30 PM to 4.00 PM	Composites/Materials	https://meet.google.com/qzb-ytrs-fhh
133	M189	Tensile test on glass – Epoxy composite laminates by varying proportions of glass – epoxy with hand lamination Ahmed Abdul Baseer	session 15	15-04-2021	2.30 PM to 4.00 PM	Composites/Materials	https://meet.google.com/qzb-ytrs-fhh
134	M202	Investigation of corrosion behaviour of Al 7075 / B4C / Al2O3 hybrid metal matrix composite M.Sambathkumar, R.Saravanan,M. Vijayanand	session 15	15-04-2021	2.30 PM to 4.00 PM	Composites/Materials	https://meet.google.com/qzb-ytrs-fhh
135	M206	Mechanical investigation of magnesium composite with boron carbide and graphite as reinforcements processed by equal channel angular pressing Ravikumar.K b Dr.Karthikeyan.S, c Kamatchi Hariharan.M	session 15	15-04-2021	2.30 PM to 4.00 PM	Composites/Materials	https://meet.google.com/qzb-ytrs-fhh

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SESSION 16							
136	M205	Prediction and Optimization of surface roughness in Turning process using ANFIS integrated with GA Karthik Pandiyan G, Prabakaran T, Jafrey Daniel James D	session 16	15-04-2021	2.30 PM to 4.00 PM	Design/Optimization	meet.google.com/bzc-wyea-kon
137	M226	Numerical Analysis of Dynamic Stability of a Cantilever Boring Tool using Impact Damper Muthu EI, Harshini N, Linsha Pious S	session 16	15-04-2021	2.30 PM to 4.00 PM	Design/Optimization	meet.google.com/bzc-wyea-kon
138	M227	A REVIEW ON DESIGN AND DEVELOPMENT OF MULTI DEGREE OF FREEDOM COMPLIANT MECHANISM Prasad V. Suryawanshi, G. Arunkumar	session 16	15-04-2021	2.30 PM to 4.00 PM	Design/Optimization	meet.google.com/bzc-wyea-kon
139	M234	Analysis of Elastomeric Engine Mount Material Characteristics Using FEA of Diesel Engine Sedan Vehicles for NVH Optimization V.Velmurugan, V. Paramasivam	session 16	15-04-2021	2.30 PM to 4.00 PM	Design/Optimization	meet.google.com/bzc-wyea-kon
140	M243	Optimum Engineering Design of spur gear sets B. Rajesh Kumara, K. Vigneshwarana, D. Abraham Antonya	session 16	15-04-2021	2.30 PM to 4.00 PM	Design/Optimization	meet.google.com/bzc-wyea-kon
141	M244	Analysis of fatigue and fracture behavior of Aluminium casting B. Rajesh Kumara, K. Vigneshwarana, D. Abraham Antonya	session 16	15-04-2021	2.30 PM to 4.00 PM	Design/Optimization	meet.google.com/bzc-wyea-kon
142	M247	Numerical Analysis of Tube Reduction Forming Process using Cold Drawn Welded Tube K. Bharath Kumar a, U. Mohammed Iqbalb, G. Saravananc	session 16	15-04-2021	2.30 PM to 4.00 PM	Design/Optimization	meet.google.com/bzc-wyea-kon
143	M257	Optimization of process parameters for dissimilar joining of IN617 and 304H using Double Pulse MIG Welding. Preet Shah, Pradip Bajpai	session 16	15-04-2021	2.30 PM to 4.00 PM	Design/Optimization	meet.google.com/bzc-wyea-kon
144	M259	Optimized Master Production Schedule for yarn processingPlantUsing Modified Theory of Constraints S.B.Viswanath. Dr.D.Sudarsan	session 16	15-04-2021	2.30 PM to 4.00 PM	Design/Optimization	meet.google.com/bzc-wyea-kon

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SESSION 17							
145	M185	INDUSTRY 4.0 Sudharsan S, Chitrrasu P, Deepak A	Session 17	16-04-2021	11.00 AM to 1.00 PM	Manufacturing	https://meet.google.com/sqh-eksu-uzk
146	M192	Modelling of conventional tyre with different 3D printing materials Muhammad Abraar*,D.Ananthapadmanaban	Session 17	16-04-2021	11.00 AM to 1.00 PM	Manufacturing	https://meet.google.com/sqh-eksu-uzk
147	M199	An Insight into Welding of Magnesium R. Rohith Renish , V.K. Bupesh Raja*, Pushkaraj D Sonawane, Ajay Shivsharan Reddy,	Session 17	16-04-2021	11.00 AM to 1.00 PM	Manufacturing	https://meet.google.com/sqh-eksu-uzk
148	M203	INVESTIGATION ON MECHANICAL PROPERTIES OF FRICTION STIR WELDED AA6061-T6 & AA7075 S.Vijay,V.Ragul, K.Naveen,T.Rajkumar	Session 17	16-04-2021	11.00 AM to 1.00 PM	Manufacturing	https://meet.google.com/sqh-eksu-uzk
149	M209	Specimen Geometry and its Effect on Flow Curve in Torsion Testing – A Review K. Bharath Kumar and U. Mohammed Iqbal,	Session 17	16-04-2021	11.00 AM to 1.00 PM	Manufacturing	https://meet.google.com/sqh-eksu-uzk
150	M222	EXTRUSION DIE PROFILE DESIGN USING SIMULATED ANNEALING ALGORITHM AND PARTICLE SWARM OPTIMIZATION R.VENKETESAN, K.MURUGESAN	Session 17	16-04-2021	11.00 AM to 1.00 PM	Manufacturing	https://meet.google.com/sqh-eksu-uzk
151	M225	Optimization of process parameters of multichannel angular twist extrusion (MATE) to process AA2024 alloy S. Muralidharana and U. Mohammed Iqba	Session 17	16-04-2021	11.00 AM to 1.00 PM	Manufacturing	https://meet.google.com/sqh-eksu-uzk
152	M238	A Critical review of Non-destructive evaluation techniques on Additive manufacturing components P.S.Gowthaman	Session 17	16-04-2021	11.00 AM to 1.00 PM	Manufacturing	https://meet.google.com/sqh-eksu-uzk
153	M239	Friction Stir Processing: A Review Arun N, Dr. Prakash, Sathvik VD, Chhavi Paramhans	Session 17	16-04-2021	11.00 AM to 1.00 PM	Manufacturing	https://meet.google.com/sqh-eksu-uzk

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SESSION 18							
154	M270	FIRE RESISTANCE ROBOT WITH DETECTION OF HUMAN A. Udhaya murthy , V. Manoj kumar* , R. Abishek ,P. Sakthivel	Session 18	16-04-2021	11.00 AM to 1.00 PM	Robotics	https://meet.google.com/zvj-ghoy-dks
155	M271	MINING EXPLORE & SAMPLE COLLECTING ROBOT P. Sakthivel ,M. Prakash * , R. Abishek,A. Udhaya murthy	Session 18	16-04-2021	11.00 AM to 1.00 PM	Robotics	https://meet.google.com/zvj-ghoy-dks
156	M272	SWARM ROBOTS FOR SEARCHING OPERATION R. Abishek , M.Prakash * , A.Udhaya murthy ,P. Sakthivel	Session 18	16-04-2021	11.00 AM to 1.00 PM	Robotics	https://meet.google.com/zvj-ghoy-dks
157	M280	A Microcontroller based Spider Bot using Klann Mechanism A. Rajkumar	Session 18	16-04-2021	11.00 AM to 1.00 PM	Robotics	https://meet.google.com/zvj-ghoy-dks
158	M281	An Exoskeleton Bionic Chair with Simple Link Mechanism for Human use A. Rajkumar	Session 18	16-04-2021	11.00 AM to 1.00 PM	Robotics	https://meet.google.com/zvj-ghoy-dks

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SESSION 19							
163	M212	CORROSION RESISTANCE IMPROVEMENT ON MILD STEEL PARTS OF AUTOMOTIVE EXHAUST SYSTEMS BY ALUMINIZING AND HEAT RESISTANCE COATING S. KARTHIKEYAN, N. DINAKAR	session 19	16-04-2021	11.00 AM to 1.00 PM	Composites/Materials	https://meet.google.com/mcn-zhfr-izc?hs=122&authuser=0
164	M213	Performance study on graphene oxide coated zinc anode for batteries Dr. M. Raja a, Dr. S. Sivalakshmi b, B. Saravananc	session 19	16-04-2021	11.00 AM to 1.00 PM	Composites/Materials	https://meet.google.com/mcn-zhfr-izc?hs=122&authuser=0
165	M215	Experimental investigation on vibrational characteristics of nano fillers of polyurethane/glass fibre composite with vinyl ester Selvaraj M	session 19	16-04-2021	11.00 AM to 1.00 PM	Composites/Materials	https://meet.google.com/mcn-zhfr-izc?hs=122&authuser=0
166	M228	Evaluation of Mechanical behavior of Banana fibers reinforced polymeric composite with Aluminium-powder filler Robson Balcha, Bhaskaran J, Perumalla Janaki Ramulu	session 19	16-04-2021	11.00 AM to 1.00 PM	Composites/Materials	https://meet.google.com/mcn-zhfr-izc?hs=122&authuser=0
167	M245	Enhancing the corrosion resistance of AA6061-T6 aluminium alloy by severe plastic deformation process Rithin Dasa, U. Mohammed Iqbala*, Anandu Pushpana, S. Muralidharana	session 19	16-04-2021	11.00 AM to 1.00 PM	Composites/Materials	https://meet.google.com/mcn-zhfr-izc?hs=122&authuser=0
168	M246	Morphological and Mechanical Characterization of Kevlar/Human Hair/Silicon carbide Hybrid Composite K. Loganathan, K. Vigneshwaran, N. Venkateshwaran and N. Vinothbabu	session 19	16-04-2021	11.00 AM to 1.00 PM	Composites/Materials	https://meet.google.com/mcn-zhfr-izc?hs=122&authuser=0
169	M250	Synthesis and Characterization Study on Aegle Marmelos dispersed Epoxy Composites Manivannan U and Arul Jeya Kumar A	session 19	16-04-2021	11.00 AM to 1.00 PM	Composites/Materials	https://meet.google.com/mcn-zhfr-izc?hs=122&authuser=0
170	M252	EXPERIMENTAL INVESTIGATION ON MECHANICAL BEHAVIOR OF FLYASH AND TIRE REINFORCED ALUMINUM HYBRID COMPOSITE G. Senthil a, P. Muruganandhan b	session 19	16-04-2021	11.00 AM to 1.00 PM	Composites/Materials	https://meet.google.com/mcn-zhfr-izc?hs=122&authuser=0
171	M253	STRUCTURAL ANALYSIS OF HYBRID COMPOSITE FOOTREST BRACKET IN TWO WHEELER R Gayathri and S M Sivagami	session 19	16-04-2021	11.00 AM to 1.00 PM	Composites/Materials	https://meet.google.com/mcn-zhfr-izc?hs=122&authuser=0

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TENTATIVE SESSION PLAN FOR ORAL PRESENTATION

Sl.No.	Paper ID	TITLE OF PAPER	Session Number	Date of Presentation	Time of Presentation	TOPIC	Meeting link
SESSION 20							
172	M260	Multi objective Optimization and Experimental Investigation of Electrochemical Machining on Copper Alloy M.Kumaresan, P. Athi sankar, and S.Kumaravel	session 20	16-04-2021	11.00 AM to 1.00 PM	Design/Optimization	https://meet.google.com/upm-waky-pny
173	M261	WARPAGE ANALYSIS OF AOVER MOLDED CHIP ON SCALE ELECTRONIC PAGKAGE USING FINITE ELEMENT METHODS Y Venkata Naga Chandana	session 20	16-04-2021	11.00 AM to 1.00 PM	Design/Optimization	https://meet.google.com/upm-waky-pny
174	M265	PROCESS PARAMETER OPTIMIZATION IN ARC WELDING OF SUPER 304H STAINLESS STEEL Srinath S a, M. Shrinivasan, Deepan Bharathi Kannan T	session 20	16-04-2021	11.00 AM to 1.00 PM	Design/Optimization	https://meet.google.com/upm-waky-pny
175	M267	Methodology Review for Profile Scanning and Validation Using 3D Reconstruction by Context capture and Comparevidia Vasanth Kumar. CH, Raghavendra Rao.V, Dr. Joshan Athanesious , Ann Medona.	session 20	16-04-2021	11.00 AM to 1.00 PM	Design/Optimization	https://meet.google.com/upm-waky-pny
176	M275	Implementation of Coral Reefs Optimization Algorithm for Optimization of Various Casting Processes Papin Kumar Garnayak, Ranjan Kumar Hasda*, Shivraj Gahir	session 20	16-04-2021	11.00 AM to 1.00 PM	Design/Optimization	https://meet.google.com/upm-waky-pny
177	M276	DESIGN-ANALYSIS AND IMPLEMENTATION OF MODIFIED FRAME FOR E-BICYCLE S.Monisha* ,S. Arulmurugana , M. Rajkumara, M.Keerthikab, N. Vinoth Babua	session 20	16-04-2021	11.00 AM to 1.00 PM	Design/Optimization	https://meet.google.com/upm-waky-pny
178	M278	Multi-objective optimization of EDM process parameters on Titanium Grade 9(Ti3Al2.5V) using Artificial Neural Network and Grey Analysis U. Mohammed Iqbal, Santhakumar J , Suyash Dixit	session 20	16-04-2021	11.00 AM to 1.00 PM	Design/Optimization	https://meet.google.com/upm-waky-pny
179	M279	DESIGN , ANALYSIS , TOPOLOGY OPTIMIZATION AND FABRICATION OF ELECTRIC HOVERBOARD Koushic M, Rajkumar.M, Vinoth Babu.N and Vigneshwaran.K	session 20	16-04-2021	11.00 AM to 1.00 PM	Design/Optimization	https://meet.google.com/upm-waky-pny
180	M308	Design and Development of Mechanical Bird SATRUDHAN KUMAR SAH and SUMIT PRAMANIK	session 20	16-04-2021	11.00 AM to 1.00 PM	Design/Optimization	https://meet.google.com/upm-waky-pny

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SESSION 21							
181	M301	Investigation and Optimization of Piston Head and Air Flow Through the Combustion Chamber using CFD M.Easwaramoorthi and S.Balakrishnan	session 21	16-04-2021	11.00 AM to 1.00 PM	Energy/Sustainability	meet.google.com/cre-cmfp-axy
182	M310	Use of Biomass in High Rise Buildings Vidushi Sharma	session 21	16-04-2021	11.00 AM to 1.00 PM	Energy/Sustainability	meet.google.com/cre-cmfp-axy
183	M318	Redesign and Analysis of a Thermostat valve using CFD P. Jeyaraman, Rohith Renish R, Niruban Projoth T	session 21	16-04-2021	11.00 AM to 1.00 PM	Energy/Sustainability	meet.google.com/cre-cmfp-axy
184	M319	Experimental investigation on thermal analysis of multi walled carbon nano tube composites S.Dinesh,R.K Barathraj, C. Bala Suthager, K. Vigneshwaran	session 21	16-04-2021	11.00 AM to 1.00 PM	Energy/Sustainability	meet.google.com/cre-cmfp-axy
185	M325	DESIGN AND ANALYSIS OF SAVONIUS WIND TURBINE M.K. MUSHARAF , GURU PRASATH , Dr.M.R.STALIN JOHN	session 21	16-04-2021	11.00 AM to 1.00 PM	Energy/Sustainability	meet.google.com/cre-cmfp-axy
186	M109	Thermal, Hardness and Water Absorption Properties of Zea Natural Fiber Reinforced Polymer Composites N.S.Balaji *	session 21	16-04-2021	11.00 AM to 1.00 PM	Thermal Analysis	meet.google.com/cre-cmfp-axy
187	M113	Synthesis of Thermal energy storage PCM with Silicon carbide for Bio-Medical Applications S.Indirani , Sridhar Arjunan ,	session 21	16-04-2021	11.00 AM to 1.00 PM	Thermal Analysis	meet.google.com/cre-cmfp-axy
188	M194	IMPROVE THE EFFICIENCY OF BATTERY COOLING SYSTEM IN E VEHICLE BY NANO-FLUIDS WITH CFD ANALYSIS Vinoth Kumar H, Saravanakumar S , Gokul M , Jagadheeswaran S, Manikandan M	session 21	16-04-2021	11.00 AM to 1.00 PM	Thermal Analysis	meet.google.com/cre-cmfp-axy
189	M219	NUMERICAL MODELLING OF THERMAL PHENOMENON IN FRICTION STIR WELDING OF ALUMINUM PLATES AA5083 MILITARY GRADE ALUMINIUM ALLOY JOINTS BY UNDERWATER CONDITIONS SaravanaKumar. R,LinshaPious. S, Harshini. N, T. Rajasekaran,	session 21	16-04-2021	11.00 AM to 1.00 PM	Thermal Analysis	meet.google.com/cre-cmfp-axy

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Sl.No.	Paper ID	TITLE OF PAPER	Session Number	Date of Presentation	Time of Presentation	TOPIC	Meeting link
SESSION 22							
190	M240	Incremental forming of welded joints- A review Vignesh A, Mohammed Iqbal U	session 22	16-04-2021	11.00 AM to 1.00 PM	Manufacturing	meet.google.com/bfu-cxti-vaa
191	M242	Review on Machine learning approaches in Sheet metal forming S.SHARIQ IBRAHIM S.E.SAIRAGHAV	session 22	16-04-2021	11.00 AM to 1.00 PM	Manufacturing	meet.google.com/bfu-cxti-vaa
192	M251	ENHANCING THE WELD PENETRATION IN TIG WELDING – AN OVERVIEW G. Senthil a , S. Gopalakrishnan b , P. Muruganandhan c	session 22	16-04-2021	11.00 AM to 1.00 PM	Manufacturing	meet.google.com/bfu-cxti-vaa
193	M256	Productivity improvement in an auto component manufacturing industry Dr.M.Parthiban, Ram Kumar P	session 22	16-04-2021	11.00 AM to 1.00 PM	Manufacturing	meet.google.com/bfu-cxti-vaa
194	M262	ROLE OF TOOL PIN PROFILE ON MECHANICAL PROPERTIES AND MICROSTRUCTURAL BEHAVIOUR OF FRICTION STIR WELDED AA7075-T651 AND AA6061 DISSIMILAR ALLOY JOINTS YUVARAJ K P, SOWMYA S, HARIBABU L	session 22	16-04-2021	11.00 AM to 1.00 PM	Manufacturing	meet.google.com/bfu-cxti-vaa
195	M266	An Investigation of Mechanical Properties of Friction Stir Welded AA7075 SaravanaKumar. R, T. Rajasekaran, T V S Venkateswar Vishnu, V Srivathsan	session 22	16-04-2021	11.00 AM to 1.00 PM	Manufacturing	meet.google.com/bfu-cxti-vaa
196	M282	Designing Ti alloy for hard tissue implant: a machine learning approach A.C. Arun Raj and ShubhabrataDatta	session 22	16-04-2021	11.00 AM to 1.00 PM	Manufacturing	meet.google.com/bfu-cxti-vaa
197	M291	Wire arc additive manufactured (WAAM) of Al5356 alloy: Experimental study and simulation Ahin honymon , V. Apramayan , Rahul Ryan Savio , Sagar Telrandhe , P. Sundarsingh Sivam , N. Harshavardhana	session 22	16-04-2021	11.00 AM to 1.00 PM	Manufacturing	meet.google.com/bfu-cxti-vaa
198	M292	Effect of heat treatment on additive manufacturing SS316L steel: microstructure and property correlation J.I. Gokulnath, B. Bala Yudhistran, N. Harshavardhana*	session 22	16-04-2021	11.00 AM to 1.00 PM	Manufacturing	meet.google.com/bfu-cxti-vaa

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SESSION 23							
199	M254	Microscopic and Structural analysis of Al-Cu-TiC Ruchir Sadana, Mr. S. Kolli Balasivarama Reddy	session 23	16-04-2021	11.00 AM to 1.00 PM	Composites/Materials	https://meet.google.com/gdt-ebeg-bva
200	M255	MELT FLOW ANALYSIS ON POLYMER BASED COMPOSITES USING FUSED FILAMENT FABRICATION aDr.M.Prakash, bA.Vamsi	session 23	16-04-2021	11.00 AM to 1.00 PM	Composites/Materials	https://meet.google.com/gdt-ebeg-bva
201	M258	Influence of chopped fibers on the flexural behavior of sandwich composites Kolagani vikram kumar, Akhil G arlapati, D.selwyn j ebadurai	session 23	16-04-2021	11.00 AM to 1.00 PM	Composites/Materials	https://meet.google.com/gdt-ebeg-bva
202	M264	INVESTIGATION AND ASSESSMENT OF MECHANICAL PROPERTY ALUMINIUM AND BORON WITH MAGNESIUM COMPOSITE MATERIAL K. Venkatesh a, S. Kannan b, T.E. Arunbalaji c	session 23	16-04-2021	11.00 AM to 1.00 PM	Composites/Materials	https://meet.google.com/gdt-ebeg-bva
203	M269	Experimental study on the tribological properties of polymer composites Vibhor Choudhary, Fouzan Ashan Ali and I. Infanta Mary Priya*	session 23	16-04-2021	11.00 AM to 1.00 PM	Composites/Materials	https://meet.google.com/gdt-ebeg-bva
204	M274	INFLUENCE OF AGEING USING NORMAL WATER ON FUSION DEPOSITION MODELLING PRINTED COMPOSITES Arun.A, Vigneshwaran.K, Vinoth Babu.N and Paneerselvan.S	session 23	16-04-2021	11.00 AM to 1.00 PM	Composites/Materials	https://meet.google.com/gdt-ebeg-bva
205	M287	Experimental Investigation on TiAl alloy processed by powder metallurgy Dhanasekaran Ma*, Sanchit singhb, Rahul kumar swainb, Zeeshan razab	session 23	16-04-2021	11.00 AM to 1.00 PM	Composites/Materials	https://meet.google.com/gdt-ebeg-bva
206	M297	Experimental investigation of aluminium composites reinforced with boron carbide I. Aatthisugan, Vishisht Misra, Nishant Agarwal*	session 23	16-04-2021	11.00 AM to 1.00 PM	Composites/Materials	https://meet.google.com/gdt-ebeg-bva
207	M309	Development of High Strength Heat Resistant Biowaste Hybrid Composites Ritaksha Colvalcar, Vivek Rajeevan, and Sumit Pramanik*	session 23	16-04-2021	11.00 AM to 1.00 PM	Composites/Materials	https://meet.google.com/gdt-ebeg-bva

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SESSION 24							
208	M298	A comparative study of Surface Roughness on varying % CNT inclusion in CBN wheels. Deborah Stephen Serenade, AmalSenan , Arjun JS	session 24	16-04-2021	11.00 AM to 1.00 PM	Manufacturing	https://meet.google.com/hx-kouh-mdh
209	M302	Effect of different solid lubricants towards friction stability in a non-asbestos disc brake pad P. Baskara Sethupathi and J.Chandradass*	session 24	16-04-2021	11.00 AM to 1.00 PM	Manufacturing	https://meet.google.com/hx-kouh-mdh
210	M304	COLD FORMING OF ALUMINUM AUTO COMPONENTS R.Murugesan,R.Roshan Jameer,D.Bharat, M. V.Ravinder	session 24	16-04-2021	11.00 AM to 1.00 PM	Manufacturing	https://meet.google.com/hx-kouh-mdh
211	M305	Study of Shaped Castings using Vertical Centrifugal Casting Method. R.Murugesan, PuritipatiRohit Reddy, Rahul Pabolu, and M.V.Ravinder	session 24	16-04-2021	11.00 AM to 1.00 PM	Manufacturing	https://meet.google.com/hx-kouh-mdh
212	M307	APPLICATION OF STATISTICAL PROCESS CONTROL ANALYSIS TO MEASURE AND IMPROVE PERFORMANCE CONSISTENCY IN GEAR MANUFACTURING INDUSTRY Nishant Kant, Dr T.Karthick, Dr M.Parthiban	session 24	16-04-2021	11.00 AM to 1.00 PM	Manufacturing	https://meet.google.com/hx-kouh-mdh
213	M313	OPTIMIZATION OF PROCESS PARAMETERS IN DISSIMILAR WELDING OF SS304H – INCONEL 617 Arivarasan J, Deepan Bharathi Kannan T*, Vignesh K, Gaurav Joshi	session 24	16-04-2021	11.00 AM to 1.00 PM	Manufacturing	https://meet.google.com/hx-kouh-mdh
214	M315	Study of wear resistance of different piston ring coatings R.Murugesan, Suhail Zargar, Venkatesh Ragunathan, and B Rajesh	session 24	16-04-2021	11.00 AM to 1.00 PM	Manufacturing	https://meet.google.com/hx-kouh-mdh
215	M326	Development of Inconel 625 using Wire arc additive manufacturing: microstructure and property correlation G.Adhinathan, N.Harshavardhana	session 24	16-04-2021	11.00 AM to 1.00 PM	Manufacturing	https://meet.google.com/hx-kouh-mdh
216	M331	Tribological properties of Wagner Industrial Oil Additive added Commercial Gear Oil Walter Wagner, Shubrajit Bhaumik, Arupanjana Mukherji, Agum Swaroop Srivastava, Nikhil Verma, Sumit Pramanik	session 24	16-04-2021	11.00 AM to 1.00 PM	Manufacturing	https://meet.google.com/hx-kouh-mdh

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SESSION 25							
217	M299	Navigational Tool for the Blind Priyalakshmi B ,Nitya Baskar Sidharth Tyagi Nishitha Vivek	session 25	16-04-2021	2.00 PM to 3.00 PM	Miscellaneous	https://meet.google.com/khp-jgny-woq
218	M303	ANALYSIS OF SINGLE STAGE 3-PHASE SOLAR PV INVERTER CONNECTED TO GRID USING PI CONTROLLER aDr. S.Vijayalakshmi, bDharshani Raj Dwarapu	session 25	16-04-2021	2.00 PM to 3.00 PM	Miscellaneous	https://meet.google.com/khp-jgny-woq
219	M306	Enhanced data privacy preservation model for Mobile crowd sensing system using blockchain technology M.Arulprakash and R.Jebakumar	session 25	16-04-2021	2.00 PM to 3.00 PM	Miscellaneous	https://meet.google.com/khp-jgny-woq
220	M316	Prediction of Denial of Service Attack Using Machine Learning Algorithm S. Nithya, C.Gomathy, U. Sabura Banu	session 25	16-04-2021	2.00 PM to 3.00 PM	Miscellaneous	https://meet.google.com/khp-jgny-woq
221	M317	SENSITIVITY ANALYSIS ON SWITCHED RELUCTANCE MOTORS FOR POSSIBLE APPLICATION IN ELECTRIC VEHICLES VIJAYALAKSHMI K, K.N.SRINIVAS	session 25	16-04-2021	2.00 PM to 3.00 PM	Miscellaneous	https://meet.google.com/khp-jgny-woq
222	M321	A SURVEY ON SOLVING DILEMMAS OF ADAPTING BLOCKCHAIN IN DIFFERENT APPLICATIONS C.Vijayalakshmi, Dr. S. Metilda Florence , *, Dr.S.Suthir	session 25	16-04-2021	2.00 PM to 3.00 PM	Miscellaneous	https://meet.google.com/khp-jgny-woq
223	M327	A REVIEW OF MONITORING AND ANALYSIS OF PHOTOVOLTAIC GRID SYSTEM Mohammad Usman Wani* Mr. Amit Verma	session 25	16-04-2021	2.00 PM to 3.00 PM	Miscellaneous	https://meet.google.com/khp-jgny-woq
224	M328	Automated Audiometerfor Home Based Health Care Using Mobile App Niryukta, U.Snehalatha*, T.Rajalakshmi	session 25	16-04-2021	2.00 PM to 3.00 PM	Miscellaneous	https://meet.google.com/khp-jgny-woq
225	M329	Effective use of Biometric details and smart control of Automobiles P.S.Ramapraha,T.Kalaichelvi,N.Revathi,T.Tamilchelvi, A.Arunthavaraj	session 25	16-04-2021	2.00 PM to 3.00 PM	Miscellaneous	https://meet.google.com/khp-jgny-woq

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SESSION 26							
226	M330	A parametric nonlinear programming approach to analyzing cyclic queueing networks in fuzzy environments H. Merlyn Margareta and P. Thirunavukarasub	session 26	16-04-2021	2.00 PM to 3.00 PM	Miscellaneous	https://meet.google.com/df-t-ocfq-bqo?hs=122&authuser=0
227	M333	BEHAVIOUR OF COMPOSITE RECTANGULAR RC BEAMS ENCASED WITH STEEL I-SECTION UNDER FLEXURE C. Devasena reddy, R. Rajkumar, N. Umamaheswari	session 26	16-04-2021	2.00 PM to 3.00 PM	Miscellaneous	https://meet.google.com/df-t-ocfq-bqo?hs=122&authuser=0
228	M334	NON-LINEAR STATIC AND DYNAMIC ANALYSIS OF IN-PLANE AND OUT OF PLANE DISCONTINUITY IN VERTICAL LATERAL FORCE RESISTING ELEMENTS Hikmat Lamsal, C.Arunkumar, N.Umaheswari	session 26	16-04-2021	2.00 PM to 3.00 PM	Miscellaneous	https://meet.google.com/df-t-ocfq-bqo?hs=122&authuser=0
229	M335	FLEXURAL BEHAVIOUR OF COMPOSITE RECTANGULAR STEEL BEAMSFILLED WITH CONCRETE Irrinki Mounica, S.A.Vengadesh Subramanian, N. Umamaheswari	session 26	16-04-2021	2.00 PM to 3.00 PM	Miscellaneous	https://meet.google.com/df-t-ocfq-bqo?hs=122&authuser=0
230	M336	Experimental investigation on behavior of concrete beams without web reinforcement and reinforced with longitudinal GFRP rebars R. RAJKUMAR AND N. UMAMAHESWARI	session 26	16-04-2021	2.00 PM to 3.00 PM	Miscellaneous	https://meet.google.com/df-t-ocfq-bqo?hs=122&authuser=0
231	M268	NUMERICAL INVESTIGATION OF NUMBER OF BLADES AND STAGES OF CONVENTIONAL SAVONIOUS ROTOR D V Nithin Kumar, M R Stalin John	session 26	16-04-2021	2.00 PM to 3.00 PM	Thermal Analysis	https://meet.google.com/df-t-ocfq-bqo?hs=122&authuser=0

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SESSION 27							
235	M323	Tribological studies on Aluminium based Functionally Graded Materials Himadri Shankar Paul, Chitransh Johari, R.Ambigai,S.Dinesh	session 27	16-04-2021	2.00 PM to 3.00 PM	Composites/Materials	https://meet.google.com/pg-tfsr-txz
236	M324	Fabrication and Analysis of Mechanical and Thermal Properties of Hybrid Aluminium Composites Alafiya Taliba, Ishan Nitin Thakreb, R. Ambigai*c	session 27	16-04-2021	2.00 PM to 3.00 PM	Composites/Materials	https://meet.google.com/pg-tfsr-txz
237	M332	Experimental study on strengthening of damaged steel flexural members using CFRP composite wraps G Arun Kumar, S A Vengadesh Subramanian and N Umamaheswari	session 27	16-04-2021	2.00 PM to 3.00 PM	Composites/Materials	https://meet.google.com/pg-tfsr-txz
238	M337	An investigation on stainless wire-mesh reinforced Fibre Metal Laminate composites for aerospace applications Kumaran D, Sundar Singh Sivam*, Nikhil Sharma, Anubhav Sinha, Achintya Srivastava	session 27	16-04-2021	2.00 PM to 3.00 PM	Composites/Materials	https://meet.google.com/pg-tfsr-txz
SESSION 28							
244	M311	Design and Development of Autotrashbot for segregating and dumping waste NIKHIL KOTHIFODA, Dr.A.Vijaya	session 28	16-04-2021	2.00 PM to 3.00 PM	Design/Optimization	https://meet.google.com/ng-twtr-fyp
245	M320	APPLICATION OF GRA OPTIMIZATION TECHNIQUE IN DOUBLE PULSE MIG WELDING OF IN617- SUS 304H Arivarasan J, Deepan Bharathi Kannan T *, Sampath kumar S, Preetshah, Pradeep Kumar Bajpai	session 28	16-04-2021	2.00 PM to 3.00 PM	Design/Optimization	https://meet.google.com/ng-twtr-fyp

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