

TECHNICAL PAPER PRESENTATION

Ref. No.	Wednesday, 29 July 2015	HALL D	14.00 hrs to 15.30 hrs
80	Integration of UAVS or Drones into the Indian Civilian Air Space Siddappaji . B, Ashok Rangan .V, Maharajan .V		
116	Methodical Evaluation and Exploration of Bluemix - A Versatile Platform as a Service (Xpaas) that is Built to Disrupt - Shubhradeep Nandi		
82	Adaptive Noise Cancellation Technology in Management of Chronic Tinnitus: A Biodesign Based Study - Shreya Sridhar, Madhuri K R, Shreyas Shah, Jagdish Chaturvedi, A Vijayarajan , Abhishek M Appaji		
98	Taoist Directions for Excellence in Manufacturability for Transforming India as a Global Manufacturing Hub - Er. Ramalingam K S		
2	Investigation on WIG (Adv. Marine) Craft Aerodynamic Characteristics Bharatam Anil Kumar, Prof. PVJ Mohan Rao		
10	Target Tracking and Obstacle Avoidance Robot Model - Rahul Madbhavi, Shreepad Potadar, Sylvester Jerome D'souza, Thennavarajan Subramanian, K.V. Gangadharan		
32	Design and Analysis of Power Converter for Hybrid Energy Storage System Palanisamy. S, C. Govindaraju		
180	Optimization of Cutting Parameters for Surface Roughness and MRR by using Grey Based Taguchi Method on CNC Turning Machine - M. Ramamohan, Dr. V. Venugopal Reddy		
177	Facility Layout Planning using Computerized Algorithms Jagadish .K.E, K. Venkata Subbaiah, Mallikarjun. K		
Ref. No.	Wednesday, 29 July 2015	HALL E	14.00 hrs to 15.30 hrs
33	Framework for Utilization of Red Mud as an Alternative Building Material Achal Garg, Harinder Yadav		
11	Throttle Valve Control using Regenerative Electromagnetic Suspensions Rajat Bhat, Shubham Mahalank, Shubham Jain, Sridhar Kulkarni, Prashant Achari		
12	Dynamic Analysis of Counter Rotor with Integral S-Shaped Squeeze Film Damper Thennavarajan Subramanian, Maruthi M D, Hemantha Kumar		
17	Reliability Improvement of Wireless Sensor Networks using a Hybrid Meta-Heuristic Algorithm A. Banerjee, M. Gavrilas, O. Ivanov, S. Chattopadhyay		
18	Medical Image Registration and Fusion using Contour Let Transform Akshata M, Aparna BV, Sathyasri Donthi, Nupur Jain, Dr. Saritha Chakrasali		
19	Computation of Laminar Flow Past a Circular Cylinder with Integrated Wake Spoiler Rishitosh Ranjan, Sushant Putatunda		
20	Aspects of Sustainable Shale Gas in India Akaash Kumar, Avinash Sharma, Ankit Kumar, Atul, Dr. Vikas Matho, Dr. U.S. Yadav		
92	A Secure Acknowledgment based Intrusion Detection System (EAACK) for Manets Feon Jaison, Seenia Francis		
70	An Improved KNN Algorithm for Activity Recognition - Pinky Paul, Thomas George		
31	Lecture Video Categorization using Video Annotation - Reshma Davis, Jyothis.T.S		

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Ref. No.	Wednesday, 29 July 2015	HALL D	16.00 hrs to 17.30 hrs
21	Intelligent Automatic Braking System Raj Anvekar, Prithviraj Kadiyala, Rohit M G, Sachin Kodliwad, Prof. Arun L. Kakhandki		
22	A Study on Students' Perception of Current Teaching-Learning Classroom Environment Rajesh R, Revathy S, Nisha C T		
30	Indoor Daylight Harvesting with Improved Efficacy by Color Temperature Tuning Saijo Prathap, Sonia Sunny, Aju S Nair		
35	Image Tampering Detection by Exploiting Bag of Features - Twinkle Antony, Kumary R Soumya		
36	Safety Features and Technologies used by Passenger Coaches over Indian Railways Dr. Suresh D. Mane		
37	Single Image Based Rain Streaks Removal and Gaussian DE-Noising using FCM Clustering Reshma Kurian, Namitha T.N		
38	Optimization of 3D Printing Process Parameters using Meta Heuristics A. Alagaraj, R. Karthikeyan		
55	Theoretical Analysis of The Performance and Emission of Vegetable Oil Ester operated CI Engine for Various Injection Pressure - Sundarapandian. S, Devaradjane. G		
84	Design of 16-Bit Successive Approximation Analog to Digital Converter in 180Nm CMOS Technology - N. Hima Shailaja, D. Nageshwara Rao, K. Rama Krishna Reddy		
58	Solar Tree an Artistic Design to Arrange Solar Panels - Abdul Khadar. Shai, J.S.R. Annamayya		
Ref. No.	Wednesday, 29 July 2015	HALL E	16.00 hrs to 17.30 hrs
23	Design and Hardware Implementation of SVC using Thyristorised Control for Improving Power Factor - Manan Y. Pathak, Dr. J.G. Jamnani		
27	Recent Development and Opportunities in the Research of Shape Memory Alloys Swapnil Pagare, Vijay Vaishampayan, Atul Adale		
61	Utilization of Clean Energy Resources With Sustainable Design and Smart Technology Abhilash B.L.		
64	The Study of Theoretical & Practical Requirements of Energy for Melting Steel in a Foundry – Review - Ch.Parameshwar, Prof. R. Markandeya		
66	Conversion of Sound Energy to Electrical Energy Shaik Abdul Khadar, Prasanthreddy .B		
71	Exploring the Role of Social Media as a New Marketing Strategy Tool - J.F. Jith, R. Rajesh		
72	A Review of the Determinants of Cloud ERP Adoption Elaine Petricia K., Asish O. Mathew		
75	Big Data Computing and Services for IOT - Neethu Myshri R , Dr. Preethi N		
79	Medical Image Authentication by Difference Processes Deepak. A. B. C, P. S. Shilpashree		
83	Delta Sigma Analog to Digital Converter in 180Nm CMOS Technology D. Nageshwara Rao , J. Jyothi , K. Rama Krishna Reddy		

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25	Simulation of Vortex Induced Vibration in an Elastically Mounted Circular Cylinder Rishitosh Ranjan, Sushant Putatunda, Sourav Kumar Kar		
26	Security Enhanced Authentication System using Virtual Fingerprints - Athira Ram. A, Jyothis T.S.		
103	Health Informatics: Transforming & Consolidating Health Records Management System Through Information Technology Driven Effective Approach Jatin Sethi, Pranav Gour, Aniket Kumar, Himanshu Sahu		
107	Formulation of Effective Maintenance Strategy for Electricity Distribution Networks Aneesh M, R. Rajesh, Ebin Mathew		
108	Role of District Cooling in Development of Smart Cities in India Naddunuri Kumar		
109	BURR Formation, Control and Measurement - Satisha Prabhu , Dr. Abhishek Kumar K		
112	Failure Analysis of Fibre - Reinforced Composites under Impact, Fatigue & Shock Loading Conditions - T. Sessaiah, Dr. M. Ananda Rao, Dr. Vijaya Kumar Reddy		
113	A Futuristic Approach for Secure Advertisement Distribution in Vanet V. Padmapriya, D.N. Sujatha		
115	Healthcare Data Analytics and Operational Data Integration to Analyze and Abate the Prevalence Incidence of Non-Communicable Diseases - Vanishri Arun, Shyam V., S.K. Padma		
118	A Simple Laccase Based Amperometric Biosensor for Detection of Phenolic Compounds - A Comparative Study on Different Membranes as Immobilization Supports C. Sarika, K. Rekha, B. Narasimha Murthy		
Ref. No.	Thursday, 30 July 2015	HALL E	09.30 hrs to 11.00 hrs
28	Certificate Revocation in Manet using Threshold Jissmol Jose, Swapna B Sasi		
29	Simulation of Laminar Flow Around a Rectangular Cylinder Rishitosh Ranjan, Sourav Kumar Kar, Harshit Mishra		
119	Application of Rapid Impact Assessment Matrix Analysis in Municipal Solid Waste Management of Indian Cities: A Review - Hridya K K, R Rajesh		
68	Development of Geopolymer Concrete for Sustainable Construction - Ashray R Manohar		
120	Modification of Risk Management System in A Power Plant Industry to Reduce Uncertainty K. Veena, Swapnesh .S		
121	Assessment of Work Related Musculoskeletal Disorder: A Study Conducted in an Electronics Connector Manufacturing Industry in Kerala - Mathen John, Rajesh. R, Antony Jk		
123	Futuristic Trends in Car Crash Management and its Reduction using Seat Mechanism and Crash-Box Plate - Saurabh Sharma		
126	Formulation of an Incentive Scheme in a Transformer Industry Muneera Nourin, P. Biju Augustine		
127	Stock Control Model for a Chemical Firm: An EOQ Analysis Divya. Devarajan, M. S. Jayamohan		

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Ref. No.	Thursday, 30 July 2015	HALL D	11.30 hrs to 13.00 hrs
148	Design and Simulation of Pneumatic Clamping Fixture to Minimize the Idle Time and Maximize the Production Rate in Welding Process T. Anji Babu, D. Vidyasagar Reddy, Dr. V. Venugopal Reddy		
149	Design, Analysis and Fabrication of Vertical Axis Wind Mill - B. Mahesh, M. Rajesh		
160	Effect on Optimization of Cutting Parameter in EDM using RSM Method D. Venkatesh Naik, Dr. D.R. Srinivasan, Dr. V. Venugopal Reddy		
154	Fracture Analysis of Femur Bone and Selection of Implant Material for Double Plate System K. Jagath Narayana, Y. Rameswara Reddy, Dr. V. Venugopal Reddy		
155	Ground Water Quality Assessment using GIS - B.J.S. Varaprasad, E. Sanjeeva Rayudu		
156	A Study on Remediation of Alkaline Soils using Industrial Wastes for Agricultural Purposes E. Sanjeeva Rayudu, M. Srimurali, K. Venkaiah		
9	Glucose Level Measurement using Digital Image Processing and Color Science Sarthak Singhal, Prabhat Ralhan, Nishtha Jatana		
161	Modeling and Analysis of Functionally Graded Material for Disc Plate under Mechanical Loads P. Hari Krishna, Sri R. Vishnu Vardhan Reddy		
162	Design and Analysis of Car Bumper using Honeycomb Structure S. Pavan Kumar, Sri. S. Prateep Kumar		
Ref. No.	Thursday, 30 July 2015	HALL E	11.30 hrs to 13.00 hrs
166	A Framework Study on Indian Hospitals in Smart City Initiatives by Big Data Analytics (Mapreduce) - T S Sandeep, Dr. N Sudhakar Reddy		
168	Influence of Material Hardness in Hard Turning with Wiper Ceramic Insert on Surface Roughness CH. Raju, Dr. K. Venkata Subbaiah, CH. Suresh		
169	Prioritization of Railway Passenger'S Service Quality Attributes using Factor Analysis and AHP Methodology – A Case Study - CH. Suresh, Dr. K. Venkata Subbaiah, CH. Raju		
172	QFD Approach to Road Safety - A Case Study Dr. G. Rambabu, Prof. K. Venkatasubbaiah, CH. Suresh, D. Balaji Naik		
173	Optimization of Buffer Allocation in CONWIP based JIT Manufacturing System using SOS Algorithm - K. L. Narasimhamu, Dr. V. Venugopal Reddy, C. S. P. Rao		
5	Mercury Vortex Technology from Ancient Text of Vimanas - Ashish Gupta		
8	A Novel Approach for Recognition of Tamil Sign Language Static Gestures - Mrs. R.R. Aparna		
174	Phytosynthesized Green Nanosilveras Reinforcing Ecofriendly Additive to Epoxy Coating for Augmented Anticorrosive and Antimicrobial Behavior Manjumeena. R, Venkatesan. R, Kalaichelvan. P.T		
175	Intelligent Tutoring System with Virtual Learning Centre and Content Management System with Open Source Tool Drupal - Ramasamy Mariappan, Pavan Kumar .P		
176	Review of Step Compliant NC (STEP-NC) Dr. K. Suresh Babu, Dr. D. Nageswara Rao, Dr. A. Balakrishna, Dr. K. Brahma Raju		

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87	Sustainable Refurbishment for Traditional Buildings in an Urban City - Vinay Kumar Mandaloju		
88	Geometrical Analysis of Weld Bead Shape for Titanium Alloy (Grade 5) Cruciform Welded Joint Srinivasareddy Vempati, Dr. K. Brahmaraju, Dr. K. Venkata Subbaiah		
90	Wear Behavior of Micro Size B4C Particulates Reinforced Al2024 Alloy Metal Matrix Composites - Madeva Nagaral, Pavan R, B. K. Shivananda, V. Auradi		
95	Perception on Undertaking Secondary Tasks while Driving: A Study on In-Vehicle Distraction among Drivers in Kerala - Srinath .R, Rajesh .R, Sasikumar .R, Subin .B		
99	Enhancing the Quality Standards of Higher Education Sector through Implementing Total Quality Management Principles - Vishnula N, Muhammed Thabsheer, Pradeep kumar P		
128	Process Improvement in a Health Care Industry using Value Stream Mapping Shamsheer Khan .A, Swapnesh .S		
100	A Study of Dielectric Properties on the Effects of Milk Concentration and Freshness at Radio/ Microwave Frequencies - Najmin, Usha, Sanjeev kumar		
182	Static Structural Analysis of Multiplate Clutch With Different Friction Materials H. Sreedhar, B. Vamsidhar Reddy, Dr. V. Venugopal Reddy		
102	Critical Crack Length and SIF Computation of High Grade Steel C45 K. Balaji, Dr. K. Brahma Raju, Dr. K.V. Subbayya		
Ref. No.	Thursday, 30 July 2015	HALL E	14.00 hrs to 15.30 hrs
130	Simulation and Analysis of Humidity Measurement using MEMS Based Saw Sensor for Aerospace Industry - Sai Pavan Rajesh. Valluru		
134	Production Planning Optimization in an Oil Palm Industry - Dayana .K. N, Dr. R. Sasikumar		
138	Pilot Studies on Tool Box Design in Administering Medicine to the Elderly Sagar Shenoy M, Adithya Pasulupeti, Venkatesh D		
139	A Review on Reduction of Defects in Manufacturing Industries using Quality Tools: A Comparative Study - Asha .K, Dr. Ciby Thomas		
178	Static and Modal Analysis of Gearbox Casing using Catia and Ansys Workbench M. Mahesh Babu, Y. Rameswara Reddy		
143	Feasibility Study on Replacement of Horizontal Ball Mill by Vertical Roller Mill in Cement Company - Premkumar M, Swapnesh S		
144	Development of Robot Simulation Program for Polishing Shrouded 3D Impeller K Venkata Narayana Raju, V. Venugopal Reddy, B. Yeswanth Kumar Reddy		
145	Development The Prototype of Merry - Go - Round Pump - M. Sampath Kumar, C. Chandra Sekhar Reddy		
147	Optimization of Machining Parameters for MRR and Surface Roughness by using Response Surface Methodology and Grey TAGUCHI Technique on Electric Discharge Machine K. Anusha, Dr. V. Venugopal Reddy		
181	Critical Study of Challenges and the Opportunities of Rural Marketing Gowtham .U, Dr. S.K. Prasad		