



**NMAM Institute of Technology, Nitte**  
**7th International Conference on Emerging Trends in Engineering, ICETE 2017**  
**12th May 2017**



**Paper selected for oral presentation at the conference**

SI No.	Title of the Paper	Authors	Paper-ID
1	A Secure Data Transmission using Audio Steganography Based on Randomized LSB Technique	Shalaka B, Balasubramani R and Sudeepa K B	S2.CS.055
2	A Survey on Security and Privacy in the Internet of Things	Prenitha Lobo and Kavya A	S2.CS.035
3	Brief survey on Evalvid - A toolset for video quality evaluation	Sharada Shenoy, Sharmila Kumari M and Abhijna Kambli	S2.CS.051
4	Digital ECG Data Acquisition System	P.S Avanimandana, Vasista Balasubramanya, Bhandary Abhir, Datha Prasanna and Rakesh	S2.CS.088
5	Evaluation of multimedia transmission for wireless multi hop networks using the Evalvid tool	Sharada Shenoy, Lavanaya, Udaya Kumar K Shenoy, Sharmila Kumari M	S2.CS.001
6	Image and video de-hazing algorithm using color attenuation prior	Radha E G and Suresha D	S2.CS.058
7	Mitigation Mechanism for Node Replication Attack in MANETs	Aishwarya Jain N B and Karthik Pai B. H.	S2.CS.082
8	Performance Analysis of Text Encryption Algorithm using Pell's Equation	Rashmitha Shetty, Raghunandan K R and Ganesh Aithal	S2.CS.057
9	Performance Evaluation of WRP, DSR and AODV Protocol Using CBR Traffic in Mobile Nodes	Suhail Ahamed Nisar Shaha, Vasudeva Pai and Udaya Kumar K Shenoy	S2.CS.095
10	Prevention Mechanism for WormHole Attack Using DSR and TORA in MANETs	Nandini T and Karthik Pai B. H.	S2.CS.081
11	Survey on Pose Invariant Face Recognition	Amrutha Bhat and John Prakassh Veigas	S2.CS.011
12	Utilization of WebRTC on Healthcare: A Survey	Divyashri Somayaji, Rashmi Naveen, Sandeep Patil and Arjun Js	S2.CS.072
13	Analysis of Diaphragm Wall in Berthing Structures of NMPT Using PLAXIS 3D	Anjana S Rao, Padma Nagesh Naik and Akshata Shetty	S1.CV.080
14	Empirical expression for masonry strength and modulus of elasticity of brick and block assemblages.	Chaitra K, Mangala Keshava and Vidyadhara V	S1.CV.083
15	Experimental study on caisson breakwater	Ajay Bhargav G, Kumaran V, Manu and Subba Rao	S1.CV.104
16	Experimental Study on Pervious Concrete Pavers with Addition of Polypropylene Fibers	Vignesh and Y Umashankar Shetty	S1.CV.066
17	Flow Behavior Analysis at Critical Bus Stop Locations	Harsha M M, Madhuri Kashyap N R and H R Muralidhara	S1.CV.017
18	Geospatial Analysis of Dharmasthala Grama Panchayat, Karnataka for Sustainable Development	Raghava K R and Radhakrishnan K	S1.CV.056
19	Investigation on the Behaviour of Solid Masonry Blocks Manufactured Using Alkali Activated Geo-Polymer Concrete	Vishnu Pasada Kalluraya M and Anil Kumar	S1.CV.078
20	Predicting Wave Transmission Over Submerged Reef of Tandem Breakwater using ANFIS Algorithm	Sanket Band and Subba Rao	S1.CV.117
21	Smart City Mangaluru as an Economic Growth Centre-a SWOT Analysis	Pooja Rani, Srinath Shetty and Dharmaraj	S1.CV.062
22	Virtual Reality Enabled User Interface Design in Civil Construction	Pradeep Kapali and Bhavana Navayugan	S1.CV.060
23	Water management of Mangaluru as a smart city	Jayaraj, Udayakumar G and Dharmaraj	S1.CV.063

24	A Study of PID controller	Srinidi, Anusha Upadhya and Prabha Niranjana	S3.EC.030
25	Analysis of INSAT-3D Rainfall Products	Pruthvi B G and Pradeep Kumar C	S3.EC.032
26	Android 5.0 porting on MAGIK2 based on i.MX6 Quad core processor	Monika Karune, Rajeshwari B S and Shilpa Saraguru	S3.EC.034
27	Application of TTCN-3 in Testing GSM Base Transceiver Station	Kavya Shree and Kiran V	S3.EC.085
28	Design of 3-bit Flash ADC using ITC and PTL Encoder in 45 nm CMOS Technology	Harisha and Satheesh Rao	S3.EC.048
29	Linux 4.1 Based Yocto Porting On MAGIK-2 Platform Having i-mx6 Quad Processor	Krupa Nayaka, Dr. G.N. Keshava Murthy and Vivek Kaushik	S3.EC.036
30	Performance Analysis of ANN and Parallelepiped Classifiers over Remotely Sensed Data	Prathiba K.P. and Shivakumar B.R.	S3.EC.026
31	Performance Evaluation of Orthogonal Matching Pursuit for Sparse Channel Estimation and Channel Equalization in OFDM Systems	Atiqa Arif Hasan and Rashmi Halemane	S3.EC.119
32	Rainfall Estimation Using Dual-Polarization Radar and Comparing Radar Rainfall with Gauge-based Rainfall Estimates	Bhagyashri K Rao, Pradeep Kumar C and K Rajesh Shetty	S3.EC.033
33	Software Implementation of (255,215,5) BCH Codes based on Mathematical Derivations.	Kavya H N and Satheesh Rao .	S3.EC.092
34	Target Detection in Satellite Images	Annette Nayana Palanna and Veenadevi Shastrimath.V	S3.EC.071
35	Upward Directed Manipulator on an Aerial Robot for High Altitude Applications	Hannibal Paul, Koji Ono, Sunitha Lasrado and Kazuhiro Shimonomura	S3.EC.112
36	Vehicle Density Computation in Video Streaming using Simulink Blockset	Shahla Parveen and Sunitha Lasrado	S3.EC.016
37	CIM integration for SCADA-DMS-OMS Technology in an Electrical Power Distribution System – An experimental setup with Kernel Virtual Machines on a Linux platform	Jora Gonda, Stavan Limbadia and Mohanan P. G.	S3.EE.089
38	Design and Implementation of DC Power Supply Using Flyback Converter	Nutana Shetty and Pradeep Kumar	S3.EE.110
39	High Performance Single Phase Online Ups With Unity Power Factor	Devika Hebbal and Naveen J	S3.EE.100
40	Instrument Cluster Testing using Vision System and LabVIEW	Deeksha K, Sandeep Reddy Cherukupalli and K Vasudeva Shettigar	S3.EE.049
41	Temperature Based Moving Object Tracking Using Infrared Thermopile Array Sensor	Akshaya D. Shetty	S3.EE.025
42	Three Port Converter for LES and PV System	Rakesh M S and Vasudeev Shettigar K	S3.EE.093
43	Configuration Selection and Fuel System Design for Microlight Aircraft	Jibin T Joseph, Vinay C A and Ravikiran Kamath B	S4.ME.021
44	Design Analysis and Fabrication of a 3-DOF Robotic Arm	Vidya Shree and Muralidhara Rao	S4.ME.073
45	Design and Analysis of Piezo-Actuated Flapping Mechanism for Micro Air Vehicles	Waseem Akram Mohammed, Muralidhara Rao and Vincent Linish D'Souza	S4.ME.024
46	Design Optimization of High $\alpha$ -Test Rig for the Fighter Aircraft	M Manoj Kumar, Dr.S.B Kandagal and Nithin Kumar	S4.ME.069
47	Design, Analysis and Fabrication of Active Vibration Isolation System Using Flexurally Amplified Piezoactuator	Praveen Pai, Muralidhara Rao and Divijesh P	S4.ME.102
48	Design, Simulation and Fabrication of Piezoelectric Inchworm Drive	Nirmith R Jain, Muralidhara Rao and Rajath N Rao	S4.ME.065

49	Development of tool Indexing mechanism for in-situ tool grinding in micro-EDM	Amith Kumar, Muralidhara Rao and Venugopal T R	S4.ME.068
50	Effect of geometric parameters and friction on strain in ECAP - 3D FEM investigation and validation	Manish and Melwyn R Castelino	S4.ME.079
51	Effect of High Energy Ball Milling on Aluminium Metal Matrix Composites	Prajwal Jain and Udaya D	S1.ME.061
52	Fatigue Testing of Aluminium 7079 Metal Matrix Composites Reinforced with Nickel Coated Carbon Fibres	Shree Pannaga, B Vishwash, Anantha Krishna Somayaji and Narasimha Marakal	S4.ME.041
53	Multi-constraint optimization of a composite layup of a sensor support structure	Hithesh Joshy S., Vivek Prabhakar and Dr. Narasimha Marakala	S4.ME.094
54	Smart Skins – A Review	Nayana G, Neelakantha Londhe and Sathyanarayana Ganiga	S4.ME.028