

National Conference on Emerging Trends in Science and Engineering
(NCETSE-2017)

Shri Madhwa Vadiraja Institute of Technology and Management

Paper presentation schedule

Date: Thursday, 23 February, 2017
 Venue: LH - 205, Admin block
 Session Chairman: **Prof.Dr. Vasudeva**
 Session Co-Chairman:
 Time: 3:30 PM to 5:30 PM

Sl. No.	Paper code	Title	Author Names	Remark
1	NCETSE-CS-01	Simulation and Modelling of DDOS Attacks on DSDV and AOMDV	Ms. Aishwarya Jain Mr. Karthik Pai B H	
2	NCETSE-CS-02	MICROBOTS, ITS REALTIME DEVELOPMENTS, FUTURE ENHANCEMENT, AND ITS APPLICATIONS	Anirudh M V and Ambrish C 1	
3	NCETSE-CS-03	Home Automation System Using Web Application	Anjali R , Prasad K Saralaya 2	
4	NCETSE-CS-04	Analysis and Implementation of Constrained Application Protocol in Contiki Operating System	Kanchana P Naik, Mr. Rakesh Joshi U.	
5	NCETSE-CS-05	Comparing theRPL and LIBP Routing Protocol for the Internet of Things	Kanchana P Naik, Mr. Rakesh Joshi U	
6	NCETSE-CS-06	Performance Anyalsis Of DDoS Attack Using DSR and TORA Protocol	Nandini T, Karthik Pai B H	
7	NCETSE-CS-07	Human Action Recognition in Video Streams Using Graph Based Methods	BhagyaJyothi K L , Dr. Vasudeva	
8	NCETSE-CS-09	Design and Implementation of video haze removal algorithm using color attenuation prior	Radha E G , Mr. Suresha D	
9	NCETSE-CS-08	A Novel Pair and Matching Algorithm for Embedding Secret Messages in Images	P N Priya, R Ranjitha, Yashaswini Naik, Shrilekha , Rama Moorthy H	
10	NCETSE-CS-24	Enhancing RFID Security and Privacy during Money Transaction	Spoorthy D Shetty, Shrvayashree	

11	NCETSE-CS-22	Administration of systems in a network using cell phone	Deekshitha Shetty,Chaithra J Bangera	
12	NCETSE-CS-23	CAMPUS NAVIGATION SYSTEM	Deepa Kini, Disha J Malisha fernandes, mishel baretto	
13	NCETSE-CS-21	Statistical and linguistic approach to text summarization	Amrusha HM , Priyanka	

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Date: Thursday, 23 February, 2017
 Venue: **LH - 204, Admin block**
 Session Chairman: **Dr. Reena Kumari**
 Session Co-Chairman: **Mr. Nagaraja Bhat**
 Time: 3:30 PM to 5:30 PM

Sl. No.	Paper code	Title	Author Names	Remark
1	NCETSE-CS-14	Subtractive Clustering Method In HadoopSystem For Effective Cluster Management	Shreenath Waramballi , Sunil.B.N	
2	NCETSE-CS-15	Internet of Things for Water Level Detection and Controlling in Homes	Varsha V, Shraddha Kamath K , Suresha D	
3	NCETSE-CS-16	Automated Visual Inspection For Quality Control	Vidya V V, Mr. Suresha D	
4	NCETSE-CS-17	Survey of m-Health Care Cloud Computing	B.R.Mohan,Goutam.R	
5	NCETSE-CS-25	NON WORD ORIENTED STREAM CIPHER TO ENHANCE SECURITY	Abhir Bhandary, Sannidhan M S	
6	NCETSE-CS-18	Synchronized Throttled Load balancing for virtual machine utilization efficiency	Navyashree Shetty B, Demian Antony D'Mello	
7	NCETSE-CS-26	A Secure Data Transmission using Audio Steganography Based on Randomized LSB Technique	Ms. Shalaka Dr. Balasubramani R. Mr. Sudeepa	
8	NCETSE-CS-11	Enhanced Security Enhancement Model for MANET Using Genetic Algorithm	Goutam R, DR B R Mohan	
9	NCETSE-CS-12	A novel Android-based Application system for blind and visually impaired individuals	Sapna S , Shobha N Kamath	
10	NCETSE-CS-13	A hybrid architecture using Genetic Algorithm and Fuzzy Algorithm for image data enhancement	Shobha N Kamath , Sapna S, Anjali R S	

11	NCETSE-CS-19	Design and analysis of algorithm for Optimized Virtual Machine Tree based Scheduling Technique based on K-way Trees	Reshma M, Dr.Demian Antony D'Mello	
12	NCETSE-CS-20	Process of learning enhanced using Mobile Augmented Reality	Afsana & Hazra Shanuda	
13	NCETSE-CS-10	A Novel Algorithm In Steganography Using Weighted Analogous Technique	P N Priya, R Ranjitha, Yashaswini Naik, Shrilekha, Rama Moorthy H	

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Date: Thursday, 23 February, 2017
 Venue: **Seminar hall - EC block**
 Session Chairman: **Dr. Balachandra Achar**
 Session Co-Chairman: Dr. Lolitha Priya
 Time: 3:30 PM to 5:30 PM

Sl. No.	Paper code	Title	Author Names	Remark
1	NCETSE-EC-01	Virtual Reality and Its Application In Near Future	AJAY K S ,KAVYA 2	
2	NCETSE-EC-02	SUPER DRIP BOT - EMBEDDED SYSTEM APPLICATION IN AGRICULTURE MONITORING	Bhargavi K Ra,Velen Ruben Aranha, Sudharma S Hegde	
3	NCETSE-EC-03	FIBRE OPTICS AND SATELLITE COMMUNICATIONS	EeshaPoonja,Krathika K Amin	
4	NCETSE-EC-04	Fibre Optics and Satellite Communication	HarshithAdyanthaya,Meghanashree R K,	
5	NCETSE-EC-05	A Proposal for a Satellite Communication System for Distributed Cooperative Work	Jeevitha, Farhana	
6	NCETSE-EC-06	SMS BASED WIRELESS ELECTRONIC NOTICE BOARD USING GSM/3G MOBILE PHONE	KHANDOBA.R RAHUL PATIL SHARANABASAPPA.S	
7	NCETSE-EC-07	Wireless networking through IoT (Internet of Things)	Krithi B Shetty, Krithi Shetty	
8	NCETSE-EC-08	Fibre Optics communication	Manasa Shetty,Krithi	
9	NCETSE-EC-09	Design of Embedded System for Real Time Monitoring of Mountaineer's Health	M.V.Ramana Murthy	
10	NCETSE-EC-10	Comparative study of techniques for detection of abnormalactivities from video stream	Rashmi, Nagaraja N S, Vasudeva	
11	NCETSE-EC-11	Performance Analysis of Various Multipliers using 8T-Full adder with 180nm technology	Sai Venkatramana Prasada G S,Dr.G Seshikala, Dr.Niranjana S	

12	NCETSE-EC-12	Fingerprint Combination for Privacy Protection	Sowmya, Roopashree	
13	NCETSE-EC-13	The Speech Signal Processing View for snoring problem by Implementing ANC technology	Rakshith.G.Amin, Keerthan Kulal	
14	NCETSE-EC-14	Study of Prescription Drug Abuse Control System	Abhilash K,Anitha, Anusha V Pai C A Adarsh	
15	NCETSE-EC-15	Study On ZIGBEE Technology	Banjan Pooja Raghuveer,Aisha Ruzna	
16	NCETSE-EC-16	SMART DOOR CONTROL SYSTEMUSINGRASPBERRY PI	Akash s devadiga ,Abhilash , Adithya	
17	NCETSE-EC-17	Analysis of Osteoarthritis in Knee X-Ray Image	Divya.M.Shetty, Anupa, Deepikaraj Ballal, Rakshitha	
18	NCETSE-EC-18	A survey on Image Analysis to determine Strain distribution in Geosynthetics	Ashwini T. P. Balachandra Achar H. V.	
19	NCETSE-EC-19	EMBEDDED ELECTRO-MECHANICAL BICYCLE	Glan Edbarg Mathias ,Nandha Kumar,Pradeep,Sachin Prabhu	
20	NCETSE-EC-20	Design of Real Time Human Tracking Robot using Depth Sensing Camera	Lahari Vaidya, Harshini, Lekhana Bhandary , Namratha, Sachin bhat	

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Date: Thursday, 23 February, 2017
 Venue: **EC LH - 010, EC Block**
 Session Chairman: **Sri. Chandrashekar Rao Kuthyar**
 Session Co-Chairman: Mr. Nagaraj Rao
 Time: 3:30 PM to 5:30 PM

Sl. No.	Paper code	Title	Author Names	Remark
1	NCETSE-EC-21	SYSTEM OF AUTOMATIC REGULATION OF REACTIVE POWER BY MEANS OF FUZZY LOGIC	Mahesh Krishna Devadiga, Manish Shetty	
2	NCETSE-EC-22	SMART INTERSECTION MANAGEMENT SYSTEM	Shaikh Mohd Rahil, Shreelaxmi, Suhas Meti, Vishwanath G.N.	
3	NCETSE-EC-23	TONGUE OPERATED WHEELCHAIR	Ashwini Shet, Archana Rao, Namratha Karkera, Shahana	
4	NCETSE-EC-24	Wireless Sensor Network Controlled Automated Drip Irrigation System	Namratha D, Jesna D'sa, Nayana, Anusha, Vinay Kumar	
5	NCETSE-EC-25	WIRELESS BOMB DISPOSAL ROBOT WITH ANDROID CONTROL	Krishna Sandeep Achar N, Ashwini M, Pallavi P, Jasmitha Jogi, Laxmi Shetty	
6	NCETSE-EC-26	SURVEILLANCE AND DEFENCIVE ROBO SECURITY GUARD	Pawan Kumar Shetty, Parithosh Amin, Shilpa K Vasudev, Varsha K Uchill	
7	NCETSE-EC-27	Smart Vehicle Protection System	Shishira, Pavan Acharya G, Sahana S Udyavar, Suthesh Bhat, Arun Upadhyaya	

8	NCETSE-EC-28	WI-MOB: Power transmission system for charging smart-phones using Wi-Fi through energy harvesting circuit	Pratheeksha, Pratheeksha, Saritha , Prajna	
9	NCETSE-EC-29	Order and Access	Rohith, Swathi N Rao , Sweeda Noronha, Ujwala J Shetty; Wilson Samuel Mathias	
10	NCETSE-EC-30	Intelligent Helmet for Coal Miners with Voice over Zigbee Environmental Monitoring	Sowparnika K N , Sonia Keerthilatha Soans Sushmitha	
11	NCETSE-EC-31	CAN BASED VEHICLE CONTROL SYSTEM	Shilpa ,Shwetha ,Sushma, Sushmitha.M	
12	NCETSE-EC-32	Wireless USB to USB and Mobile Data Transfer	Uma B B, Ramya ,Vanishree, R Ashwini	
13	NCETSE-EC-33	Solar Tracking Vehicle	Vasantha Pai,Sunil Mendan, Rakesh Y Sridevi	
14	NCETSE-EC-34	Restaurant Wi-Fi Easy Order and Access System	Swathi N Rao, , Rohith, Sweeda Noronha, Ujwala J Shetty, Wilson Samuel Mathias Balachandra Achar H V	
15	NCETSE-EC-35	WIRELESS SENSOR NETWORK AND COMMUNICATION	Navaneeth, Anuraj Chouta	
16	NCETSE-EC-36	ADVANCED POWER GENERATION USING PIEZOELECTRIC CON	Flyacid Rodrigues, Christon Anthony Cardoza, Deekshitha N Jathan,Brenda Nishita Lewis	
17	NCETSE-EC-37	Creation of Super Plants by insertion of Nanotubes in Chlorop	Charithra	
18	NCETSE-EC-38	Segmentation and Optical Character Recognition of Handwritt	Anusha V Bhat, Jasmitha, Nisha N Shetty	
19	NCETSE-EC-39	Colour Sorting and Grading System for Cashew Kernel	Brian Sachin Sequeira, Derick Sunny Mathias, Akhila V Rao,Rashmitha.R.	
20	NCETSE-EC-40	E-Generation using Sewing Machine	Charithr, Archana George	

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Date: Thursday, 23 February, 2017
 Venue: **Seminar Hall, Admin Block**
 Session Chairman: **Prof.Dr. S.M. Hegde**
 Session Co-Chairman: **Porf.Dr. Srinivasan K K**
 Time: 3:30 PM to 5:30 PM

Sl. No.	Paper code	Title	Author Names	Remark
1	NCETSE-BS-01	Corrosion Characterization of Aluminium-6013 / Red Mud Metal Matrix Composites in Neutral Chloride Medium	Chndrashekara, K.N.	
2	NCETSE-BS-02	Comparative study on growth and synthesis of Ca ⁺² , Sr ⁺² mixed cadmium oxalate crystals	Nagaraja K P	
3	NCETSE-BS-03	Endohedral Fullerene with Water Molecules	Sathyan N	
4	NCETSE-BS-04	Crystal growth and characterization of an efficient phase matching organic chalcone material	<u>Ramakantha Puranik H</u>	
5	NCETSE-BS-05	Synthesis, single crystal growth and characterization of (1E,6E)-1,7-bis[4-(methylsulfanyl)phenyl]hepta-1,6-diene-3,5-dioneChalcone	Sandhya	
6	NCETSE-BS-06	Difference Labeling of Some Classes of Digraphs	SunitaPriya D Silva	
7	NCETSE-BS-07	Fabrication and Characterization of Rope from stem of Eupatorium Odoratum	Suryanarayana.K	
8	NCETSE-BS-08	Gracefulness of some oriented graphs	Kumudakshi	
9	NCETSE-BS-09	Effect of donor moiety on the NLO properties of Schiff base derived from chalcones	Usha.H	
10	NCETSE-BS-10	Synthesis, Crystal Growth and Characterization of Single crystals of Chlorine Substituted DBA	VijayaKumari	
11	NCETSE-BS-11	D-distance magic labeling on trees	Chaithra K	

12	NCETSE-BS-12	A Smart Material for Plastic Electronic Devices	Ishwar Naik	
13	NCETSE-BS-13	Third-Order Nonlinear Optical and Optical Power Limiting Properties of Nickel Metal–Organic Complex	Manjunatha K.B.	
14	NCETSE-BS-14	Effect of high energy Electron Irradiation on Electrical and Optical properties of γ - Glycine single crystals	K Ravindraswami	
15	NCETSE-BS-15	One-pot, two-step synthesis of 2-furanoates from biomass-derived furfural using tert-butyl hypochlorite as a green oxidant	Saikat Dutta	
16	NCETSE-BS-16	Eco-friendly Inhibition by Rutin towards Acid Corrosion of AA6063	Divya kumari	
17	NCETSE-BS-17	Structural, Thermal Properties of New Chalcone Co-crystal for Nonlinear Optical Applications	Clavian L M	
18	NCETSE-BS-18	Spectral Tuning of P-N Junction Blend for Plastic Solar Cell	Shahana Syed	
19	NCETSE-BS-19	Corrosion Inhibition of Aluminium 6061 Alloy in 0.5 M HCl Solution Using Some Pyrazoline Derivatives	Vranda Shenoy .K	

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Date: Thursday, 23 February, 2017
Venue: **Civil LH - 101, Civil Block**
Session Chairman: **Dr. Radheshyam B.**
Session Co-Chairman: Mr. Sunil Suresh Haldankar.
Time: 3:30 PM to 5:30 PM

Sl. No.	Paper code	Title	Author Names	Remark
1	NCETSE-CV-01	GREEN BUILDINGS-Materials And Technology	Akshata.A.Mulgund	
2	NCETSE-CV-02	COMPARISON BETWEEN NEAT BITUMEN (VG30) AND MODIFIED BITUMEN WITH VARYING COMPACTION EFFORT AND VARYING PERCENTAGE OF BITUMEN	Arun H R	
3	NCETSE-CV-03	Performance Analysis of Bio- Enzyme Stabilized Soil by using KENPAVE Software	Ramyashree	
4	NCETSE-CV-04	A Review on– Stability of Caisson Breakwater	Ajay Bhargav	
5	NCETSE-CV-05	INTELLIGENT SETTLEMENT DETECTING DEVICE	Kishor	
6	NCETSE-CV-06	Simulation and Validation of Coastal Rigid Emerged Vegetation Using Open Source CFD Tool: REEF3D	Arunakumar H S	
7	NCETSE-CV-07	Temporal Analysis of Forest Cover Change in Dakshina Kannada District, Karnataka using Remote Sensing and GIS	Rinnet Francis	
8	NCETSE-CV-08	Study on optimizing the ratio of Rice Husk Ash to Lateritic Soil for producing Geopolymeric Interlocking Pavers	Roshan S Kotian	
9	NCETSE-CV-09	Application of soft computing techniques in breakwater analysis study –A review	Sanket Band	

10	NCETSE-CV-10	A STUDY ON CHANGING PATH OF THE DAKSHINA KARNATAKA COASTLINE	R Kranthi	
11	NCETSE-CV-11	REVIEW ON APPLICATION OF SOFT COMPUTING TECHNIQUES IN WAVE HEIGHT FORECASTING IN MARINE ENVIRONMENT	Akhil C P	
12	NCETSE-CV-12	Review on application of machine learning in breakwater studies	Karthik S	

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Date: Thursday, 23 February, 2017
 Venue: **Mech. LH - 001, Mechanical Block**
 Session Chairman: **Dr. Sudharshan Rao**
 Session Co-Chairman: (Dr.) Pavan Kumar
 Time: 3:30 PM to 5:30 PM

Sl. No.	Paper code	Title	Author Names	Remark
1	NCETSE-ME-01	Study of indentation creep behaviour of aluminium based carbon fibre reinforced metal matrix composites	Anantha Krishna Somayaji	
2	NCETSE-ME-02	Study of Flank wear and Cutting zone temperature in turning of AISI 4340 steel with different tool inserts	Sudarshan K	
3	NCETSE-ME-03	Influence of Calcium Carbonate Nanoparticles as a fuel additive on the Performance and Emission characteristics of a C.I. Engine	Rolvin S. D'Silva	
4	NCETSE-ME-04	NANOSENSORS	Deekshith N Moily	
5	NCETSE-ME-05	Application of Taguchi techniques to study the effect of Alkaline Treatment and Fiber Length on Mechanical Properties of Coconut Coir Reinforced Epoxy Composites	Ravikantha Prabhu	
6	NCETSE-ME-06	A Review on Wear Behaviour and Mechanical Characterization of E-glass/epoxy Composites	Jishnu K	
7	NCETSE-ME-07	USAGE OF MECHANICALLY CHOPPED ARECA LEAF SHEATH AS AN ALTERNATIVE FOR DRY FODDER	Swasthik M Holla	
8	NCETSE-ME-08	STUDY OF MECHANICAL AND HEAT RESISTING PROPERTY OF NATURAL FIBRE REINFORCED COMPOSITE MATERIALS	Sudarshan M L	
9	NCETSE-ME-09	DEVELOPING THE PRODUCTIVITY BY IMPLEMENTING LEAN MANUFACTURING	Sukesh M	