

EASWARI ENGINEERING COLLEGE

Technical Paper Publications in National Conference in the Year 2019

Department of Automobile Engineering

1. Dr.S.Sathiyamurthy, Automated Parking Brake System, National Conference on Recent Development in Automobile and Mechanical Engineering, March 2019.
2. Mr.A.K.Babu, “Fuel Efficiency Improvement in a Petrol Engine using Water Injection”, National Conference on Recent Development in Automobile and Mechanical Engineering, March 2019.
3. Mr.S.Saravanakumar, “Performance Analysis of an Opposed Piston Engine using Computational Fluid Dynamics (CFD)”, National Conference on Recent Development in Automobile and Mechanical Engineering, March 2019.
4. Mr.P.Gopi, “Depletion of Cold Start Emission in Automotive Catalytic Converter using Thermal Energy Conservation System”, National Conference on Recent Development in Automobile and Mechanical Engineering, March 2019.
5. Mr.P.Sakthivel, “Detection of Alcohol Consumption and Driven Exhaustion (Based on Robust Visual Analysis of Eye State) using Raspberry PI”, ‘National Conference on Recent Development in Automobile and Mechanical Engineering, March 2019.
6. Mr.M.Muniyappan Automatic Anti-Dazzling Headlight System, National Conference on Recent Development in Automobile and Mechanical Engineering, March 2019.
7. Mr.NaveenVenkatesh, “Electromagnetic Engine an Alternative to Internal Combustion Engine”, National Conference on Recent Development in Automobile and Mechanical Engineering, March 2019.
8. Mr.V.Vishnukumar, “Vehicle to Vehicle Communication using Li-Fi Wifi Black Box”, National Conference on Recent Development in Automobile and Mechanical Engineering, March 2019.
9. Mr.C.Hariharan, “Jojoba oil Biodiesel as a Suitable Alternative to be used in C.I. Engine”, National Conference on Recent Development in Automobile and Mechanical Engineering, March 2019.

10. Dr.S.Sathiyamurthy, “Traction Controlled Brake Assist System using Pneumatic Controls”, National Conference on Recent Development in Automobile and Mechanical Engineering, March 2019.
11. Dr.S.Sathiyamurthy, “Automated Braking System”, National Conference on Recent Development in Automobile and Mechanical Engineering, March 2019.

Department of Civil Engineering

1. A.MOHAN, “Partial Replacement of cement by GGBS in Steel Fiber Reinforced Concrete”, National conference on Emerging Trends in Civil Engineering, S.A Engineering college, Chennai. 26th March 2019.
2. A.MOHAN, “Seismic Analysis and Design of Mono Column Structure”, National conference on Modern Construction Materials and Techniques for Sustainable Development , St.Peter’s college of Engineering and Technology, Chennai. 19th March 2019.

Department of Computer Science and Engineering - Nil

Department of Electronics and Communication Engineering - Nil

Department of Electrical and Electronics Engineering

1. P. Pushpakarthick, “Power Monitoring Using Microcontroller Based Energy Meter In Real Time”, TAPSPEE, March 2019, PP.No:13-19.
2. P. Pushpakarthick, “Power Quality Improvement In Low-Voltage Distribution Grids”, TAPSPEE, March 2019, PP.No:20-26.
3. Dr.K.Mala, “Smart Segregation Dustbin With Fuel Cell”, TAPSPEE March 2019, PP.No:62-65.
4. D.Chandrakala, “Mitigation of Voltage Sag And Harmonic Distortion By Using Hybrid Multilevel Inverter Based Statcom”, TAPSPEE, March 2019, PP.No:66-69.
5. D.FathemaFarzana, “Road Accidents Preventing Smart Helmet Using EEG Sensor”, TAPSPEE, March 2019, PP.No:70-75.
6. Dr.E.Kaliappan, “Design And Development Of Automatic Cloth Folding And Pressing Machine”, TAPSPEE, March 2019, PP.No:76-79.

7. B.Ponkarthika, “Gesture Based Communication And Automation System”, TAPSPEE, March 2019, PP.No:80-83.
8. D.Chandrakala, “Interfacing of Solar And Wind Energy Conversion System Using Solid State Transformer”, TAPSPEE, March 2019, PP.No:98-102.
9. V.Vijeesh, “Design and Implementation of Smart Shoe for Visually Impaired Using Lifi and Solar Reviver Technology”, TAPSPEE, March 2019, PP.No:103-107.
10. J.Lydia, “Security Management for Vehicles”, TAPSPEE, March 2019, PP.No:108-112.
11. J.Lydia, “Secured Voting System With Multi-Factor Authentication”, TAPSPEE, March 2019, PP.No:113-116.
12. G. Vignesh, “Incremental Conductance Mppt Based Solar Powered Real Time Led Display”, TAPSPEE, March 2019, PP.No:117-121.
13. P. Pushpakarthick, “IoT Based Smart Waste Disposal Detection And Intimation System”, TAPSPEE, March 2019, PP.No:122-124.
14. Dr.E.Kaliappan, S.Vijayakumar, “Microcontroller Based Intelligent Battery Charging Station”, TAPSPEE, March 2019, PP.No:125-129.
15. K.A.InduSailaja, “Automated Plastic Bottle Recycling Machine”, TAPSPEE, March 2019, PP.No:130-134.
16. K.A.InduSailaja, P.MarishKumar, “Automatic Smartcity Power Consumption Control Unit”, TAPSPEE, March 2019, PP.No:135-139.
17. Dr.E.Kaliappan, “Implementation of Mqtt Protocol for Wireless Monitoring of Industrial Drives Using Internet of Things Technology”, TAPSPEE, March 2019, PP.No:140-145.
18. Vignesh.G, “IoT Based Prognostic Distributive Charging Mechanism For Lead Acid Battery”, TAPSPEE, March 2019, PP.No:146-148.
19. Dr.E.Kaliappan, S.Vijayakumar, “Human Machine Interface for Tracking and Controlling Intelligent Charging”, TAPSPEE, March 2019, PP.No:149-153:.
20. P.MarishKumar, K.A.InduSailaja, “Design and Analysis of Elementary Additional Series Positive Output Super Lift Converter Using Sliding Mode Controller”, TAPSPEE, March 2019, PP.No:154-157.
21. P.MarishKumar, K.A.InduSailaja, “Energy Efficient Regenerative Braking In Vehicles”, TAPSPEE, March 2019, PP.No:158-161.

22. P.MarishKumar, K.A.InduSailaja, “Voice Based Agro-Bot”, TAPSPEE, March 2019, PP.No:162-165.
23. P.MarishKumar, K.A.InduSailaja, “Solar Powered Soft Switched Cuk Converter Fed DC Motor Drive”, TAPSPEE, March 2019, PP.No:166-170.
24. K.V.Thilagar, “Intelligent Gas Detection And Elimination of Blockage in Sewage Using Robot Mechanism”, TAPSPEE, March 2019, PP.No:175-178.

Department of Electronics and Instrumentation Engineering

1. Dr.Gunaselvi Manohar, “Underwater Data Transmission Using Light Fidelity”, Proceedings of National Conference on Design Automation in Electronics and Communication (DAEC’19), April 2019, pp.no.7-11.
2. Dr.Gunaselvi Manohar, Mrs.PearleyStanley, “Reconfigurable On-Board Diagnosis”, Proceedings of National Conference on Design Automation in Electronics and Communication (DAEC’19), April 2019, pp.no.85-93.
3. Mrs.R.Lakshmi, “Agribot for Agricultural Innovation Using AVR Microcontroller”, Proceedings of National Conference on Design Automation in Electronics and Communication (DAEC’19), April 2019, pp.no.94-97.
4. T.Kalaiselvi, K.R.Sughashini, “Accident Warning System Using Electroencephalogram”, Proceedings of National Conference on Design Automation in Electronics and Communication (DAEC’19), April 2019, pp.no.98-100.

Department of Mechanical Engineering - Nil

Department of Information Technology - Nil

Department of Physics

1. Dr. G. Mariappan, Dr. J. Sivashankari&Dr. S. Nirmala has presented a paper titled ‘Structural and Optical properties of Rare earth doped Mgo Nanoparticles’ in NCHSM 2019 organised by Department of Physics, SRMIST Ramapuram campus on 22nd and 23rd Feb. 2019
2. C. Manjula, Comparative Study of L-Lysine and NaCl Additives on the growth and Physical Properties of Potassium Hydrogen Phthalate Crystals, NCHSM 2019 organised by Department of Physics, SRMIST Ramapuram campus on 22nd and 23rd Feb. 2019.

Department of Chemistry

1. Dr. S. Praveen kumar, Dr.R. Suresh, “Photocatalytic degradation of Acid Blue 3 by using ZnO nanostructures”, NCRACR-2019, 12th SEP 2019, SRM institute of Science and Technology.
2. Dr.R. Suresh, Dr, S. Praveen kumar, “Detection of Paracetamol with the aid of Manganese II Schiff base complex modified GCE”, NCRACR-2019,12th SEP 2019, SRM institute of Science and Technology

Department of Mathematics

1. Dr.S.R.Ananthalakshmi, “Performance Analysis of unreliable single server Queueing system with glue period”, National conference on recent trends in pure and applied mathematics
2. Dr.T.K.Suresh, “Majorization properties for certain subclass of analytic functions associated with integral operator”, National conference on recent trends in pure and applied mathematics.
3. S.Deepa, “On certain Domination parameters of Uniform Theta Graphs”, National conference on recent trends in pure and applied mathematics.
4. P.Agilan, “Mixed Q5S6,S7O8,N9D10 Functional equations”, National conference on recent trends in pure and applied mathematics.
5. S.Logu , “On a Subclass of Close-to-Star Functions”, National conference on recent trends in pure and applied mathematics.
6. “Oscillatory Behavior of Third-Order Half-Linear Neutral Differential Equations” in International Conference on Mathematical Computer Engineering ,21 - 22 February 2020 at VIT CHENNAI.

Department of English - Nil

Department of Management Studies

1. **Mrs. R. Banureka, Mrs. S. Sasirekha** “A Study on Investor Attitude and Perception in Capital Markets with special reference to Chennai City” National Conference on Emerging Management and Technology Practices - NCEMTP 2019 organized by Periyar Maniammai University