

## **EASWARI ENGINEERING COLLEGE**

### **Technical Paper Publications in National Conference in the Year 2017**

#### **Department of Civil Engineering**

1. G Bharath kumar , M.Amala, “A Comparative Study of Self Supporting And Guyed Tower- 220kv S/C (Horizontal Configuration)” National conference on Latest Advancements In Civil Engineering, R.M.K Engineering College. April 2017
2. R Swaminathan, L S Kannan, E Yazhini ,”Evaluation of Modulus of Elasticity of Higher Grades of Concrete with Partial Replacement of Cement By GGBS” - National conference on Latest Advancements In Civil Engineering, R.M.K Engineering College. April 2017
3. A Sarathkumar, L S Kannan, V Pradap ,”Evaluation of Young’s Modulus for higher Grades of Concrete with Partial Replacement of Cement by Fly ash” - National conference on Latest Advancements In Civil Engineering, R.M.K Engineering College. April 2017
4. Balaji M, Lavanyaprabha S, Swetha Madhusudanan ,”A Comparative Study on Energy Flow Between Conventional Building and Building Made Out of Industrial Waste” - National conference on Latest Advancements In Civil Engineering, R.M.K Engineering College. April 2017
5. Sanjay J, Prabha G ,”Design of 45m Height Stainless Steel Reinforcement High Performance Concrete Clock Tower” - National conference on Latest Advancements In Civil Engineering, R.M.K Engineering College. April 2017
6. B.R.Harini, Surendar M ,LavanyaPrabha S, “Utilization of agro by products Prosopis – Juliflora in construction Industry”, National conference on QACE 2017, SRM University, March 2017.
7. C.Shalin, J.Daniel Ronald Joseph, J.Prabakar, M.Neelamegam, “Experimental and Analytical study on prototype water tank constructed using flowable cement composites” National conference on QACE 2017,SRM University - March 2017.

#### **Department of Electronics and Communication Engineering**

1. Senthamizh Selvi.R, “Single Channel Speech Enhancement using Metaheuristic Algorithm”, March 2017, Ncet-SETMA’17.

2. Senthamizh Selvi.R, “Speech Enhancement Using Separable Deep Auto Encoder”,April 2017, NCEAI 2K17.

### **Department of Electrical and Electronics Engineering**

1. Dr.R.Murugan “Low Cost Efficient Gesture Control Automated Landmine Detecting Rover”, Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017.
2. Dr.R.Murugan, “Genesis of Smart Cart”, Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017.
3. Dr.R.Murugan, “An Optimal and Learning Based Demand Response and Energy Management System” Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017.
4. Dr.K.Mala, “Home Energy Management System Using Arduino” Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017
5. Dr.K.Mala, “Affordable Diagnostic Infused Thermal Incubator”, Sixth National Conference on Technological Advancements in Power Systems and Power ElectronicsEngineering (TAPSPEE’17), April 2017.
6. Dr.K.Mala, “Torque ripple control of BLDC motor used in hybrid electric vehicle using modified switching technique”, Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017.
7. Dr.K.Mala, “An Affordable Wearable Device For Continuous Monitoring Of Children’s Pneumonia”, Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017.
8. Dr.R.Karpagam, “Anuraksh-Wearable for women safety with self defense syatem using Bluetooth and Raspberry- pi”,Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017.

9. Dr.R.Karpagam, “E-Vehicle- Automatic speed control using Zig bee Module”, Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017.
10. Mrs. A.Joseline Metilda, “ Smart Patch For Stress Relief For Hypertension Patients”, Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017.
11. Mrs. A.Joseline Metilda, “Vertical Axis Wind Turbine Power Generation And Load Sharing Using PIC Controller”, Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017.
12. Mrs. A.Joseline Metilda, “Fault Diagnostics of SVM Inverter Fed Induction Motor Drive”, Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017.
13. Mrs. M.Deva Brinda, “Real Time Solar Conditioning Unit With InterleavedBuck Converter Using Model Predictive Control”,Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017
14. Mrs. M.Deva Brinda, “MPPT for PV based Sepic inverter cascaded system” Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017
15. Mr. P.Marish Kumar, “High Performance Solar PV Panel With High Efficient DC-DC Converter”, Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017.
16. Mrs. K.A.Indu Sailaja, “Target Indication Using Rssi Sensor”, Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017
17. Mrs. K.A.Indu Sailaja, “Smart Monitoring System For Improving Batsman’s Performance”, Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017

18. Mrs. Lydia.J, “ Voice Assistance Transit Aid System for the Visually Impaired”, Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017.
19. Mrs. Lydia.J, “Smart Solar Car” Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017.
20. Mr. K.V. Thilagar, “Power Imbalance Control In Photovoltaic Power Plants Using Delta Connected Cascaded H- Bridge Multilevel Inverter” Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017.
21. Mr. K.V. Thilagar, “Single-Switch Isolated Quasi Z Source DC-DC Converter for Photovoltaic Applications” Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017.
22. Mr. P.Marish Kumar, “Target Indication Using Rssi Sensor” Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017
23. Mrs. K.A.Indu Sailaja, “PLC Based HXII Design of Inter Connecting Transformer Protection and Control” Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017
24. Mrs. K.A.Indu Sailaja, “PV Module With Enhanced Efficiency”, Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017
25. Mr. P.PushpaKarthick, “Design and implementation of PV wind Hybrid System using power conditioning units” Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017
26. Mr. P.PushpaKarthick, “Reading Assistant System For And Artificial Conversational Entity” Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017
27. Mr. V.Vijeesh, “Microcontroller based Cooling Tower Control”, Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017

28. Mr. V.Vijeesh, “A Future Study on Dry Leaf Recycler and Compost Depositing System” Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017
29. Mrs. R.Keerthana, “Fuzzy Modelling and Analysis of PV Based System Using Z-Source Inverter” Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017
30. Mr. P.Senthil Kumar, “Self Powered Mobile Networks Using Single Board Computer” Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017
31. Mr. G.Vignesh, “Pure Sine Wave Inverter using Digital Look-Up Table for Standalone PV Applications” Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017
32. Mr. Agin Paul, “Simultaneous micro grid current and voltage harmonics compensation using coordinated control of dual interfacing converters” Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017
33. Ms. Priya E, “AR Helmet based Data Visualization for Fire fighters” Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017
34. Ms. B.Ponkarthika, “Energy auditing and evaluation of Harmonics in our college campus” Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017
35. Ms. B.Ponkarthika, “Analysis and implementation of Hand tremor control” Sixth National Conference on Technological Advancements in Power Systems and Power Electronics Engineering (TAPSPEE’17), April 2017

### **Department of Information Technology**

1. Mr.K.Vivekanandhan, Smart farm land monitoring system using WSN, National Conference on Recent Trends& Emerging Trends” held at RajivGandhi College of Engineering, Sriperumbudur on, march 2017

### **Department of Physics**

1. G. Mariappan, N. Sundaraganesan, “Vibrational and Computational investigations on 1,2,3,4,5,6-hexabromocyclohexane”, 5th National Conference on Hierarchically Structured Materials (NCHSM 2017) on 31st March and 1st April 2017, SRM University, Ramapuram Campus, Chennai.
2. Sivasankari J, Lakshmi S, Arun Kumar A & Nirmala S, “Effect of alkali metal ions in optical and magnetic properties of Mgo:Er nano crystallites”, Proceedings of 4th National Conference on Materials for Modern World (NCMMW – 2017), 131, 2017
3. Sivakumar R & Nirmala S, “Characteristic studies of Polyethylene terephthalate thin films”, Proceedings of 4th National Conference on Materials for Modern World (NCMMW – 2017), 94, 2017
4. C.Manjula, K.Udayalakshmi, S.R.Thilagavathy "Humidity Sensor Measurement by using Copper Molybdate" “National Conference on Advances in Functional Materials (NCAFM2017)” on 5th August 2017 at St.Joseph’s College of Engineering.
5. S.Chithra, C.Manjula, " Structural and Thermal Analysis of Disc Brake with and Without Crossdrilled Rotar of Race Car " “National Conference on Advances in Functional Materials (NCAFM 2017)” on 5th August 2017 at St.Joseph’s College of Engineering.