**SRI VENKATESWARA COLLGE OF ENGINEERING**

**Dean (Research), Office of Dean (Research)**

**Publication of Research papers and books in the Academic year 2017-2018**

**Department of Applied Chemistry**

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| S.No. | Name of the Faculty and coauthors | Title of the paper | Name of the Journal  Vol. No, pages and IF |  |
| 1 | Sheeja N, J.B. Veeramalini J B and and **G.Baskar** | Elucidation of cyclic voltametric behavior of N-Hydroxy-3isopropyl-2,6-difurylpiperdine-4-one semicarbazone and Thiosemicarbazone and antibacterial study of the products | International research Journal of Pharmacy. Vol. 8, No.7, pp.1-7, 2017.  **Impact Factor: 0.75** |  |
| 2 | N.Sheeja, J.B. Veeramalini and **G.Baskar** | Cyclic voltametric study of some alkyl substituted N-hydroxy-2,6-diarylpiperidin-4-one semicarbazone and the antibacterial studies of the products | Int. J. Materials and Product Technology, Vol. 55, Nos.1/2/3, pp.93-112, 2017.  **Impact Factor: 0.4** |  |
| 3 | V Narayanan, J B Veeramalini and **G.Baskar** | Comparative analysis of N-hydroxy-2,6-bis(p-chlorophenyl)-3-isopropylpiperidin-4-one  semicarbazone and N-hydroxy-2,6-bis (p-chlorophenyl)-3-isopropylpiperidin-4-one thiosemicarbazone by graceful tree graph,non-graceful graph and cliques representation of  graph with the data spectrum | Int. J. Materials and Product Technology, Vol. 55, Nos. 1-3,pp.210-224, 2017.  **Impact Factor: 0.4** |  |
| 4 | V Narayanan, J B Veeramalini and **G.Baskar** | Matching of organic compound with tripartite Graph accepting continuous monotonic decomposition | International Journal of Pure and Applied Mathematics, Vol.109,  No. 8, pp. 251 – 258, 2016.  **Impact Factor: 0.6** |  |

**Department of Automobile Engineering**

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| **S.No.** | **Name of the Faculty(all coauthors)** | **Title of the paper** | **Name of the Journal**  **Vol. No, pages and IF** |  |
| 1. | **J.Venkatesan** and N.Rajamurugu | A Review on Solar Updraft Towers | International Journal of Scientific Research  e-ISSN: 2456 6942  Volume 1, Issue 7, 2017.  **Impact Factor : 4.758** |  |
| 2. | **J.Venkatesan** and N.Tamiloli | Investigation on effect of machining parameters of end milling on surface finish and temperature using Technique | J.Manuf.sci.prod, Vol.16, No.4, pp.255-261, 2016. |  |
| 3 | **J.Venkatesan** N.Tamiloli and B.Vijaya Ramnath | A Grey fuzzy modeling for evaluating surface roughness material removal rate of coated end milling insert | Measurement  Volume 84 (2016) 68-82  Elsevier Publications  **Impact Factor : 2.359** |  |
| 4 | **V.Ganesh**, K.Aswin Dhananjai and M.Rajkumar | Simulation of influence of crosswind gusts on a four wheeler using Matlab simulink | Engineering and Technology, Vol.4, No.66, pp.125-129, 2016. |  |

**Department of Applied Mathematics**

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| **S.No.** | **Name of the Faculty** | **Title of the paper** | **Name of the Journal and details** |  |
| 1. | Muthuracku alias Prema K and **Muthucumaraswamy R** | On flow past an exponentially accelerated vertical plate with heat and mass transfer in the presence of Hall effect and rotation | International Journal of Research-Granthaalayah, Vol.5, pp.51-61, 2017  **Impact Factor : 4.321** |  |
| 2. | Geetha E **Muthucumaraswamy R** and Kothandapani M | Effects of thermal radiation on an unsteady flow past over an vertical plate | International Journal of Pure and Applied Mathematics, Vol.13, pp.51-61, 2017.  **Impact Factor : 0.49** |  |
| 3. | Geetha E, Sharmila and **Muthucumaraswamy R** | Magneto Hydrodynamic effects on a transient nanofluid past over a vertical plate. | International Journal of Material Science, Vol.2, No.2, pp. 321-334, 2017. |  |
| 4. | Thamizhsudar M  **Muthucumaraswamy R** and Bhuvaneswari A K | Heat and Mass transfer effects on MHD flow past an exponentially accelerated vertical plate in the presence of Rotation and Hall current, | Journal of Advanced Research in Dynamical and Control Systems, Vol. 9, No.2, pp. 73-82, 2017.**Impact Factor : 0.22** |  |
| 5. | Sivakumar P and **Muthucumarawamy R** | Unsteady parabolic MHD flow past an infinite vertical plate with variable temperature in the presence of thermal radiation and chemical reaction | Global Journal of Pure and Applied Mathematics,Vol.12, pp.300-306, 2016.  **Impact Factor : 0.19** |  |
| 6.. | Thamizhsudar M and  **Muthucumaraswamy R** and Muthuracku Alias Prema K. | MHD flow past an exponentially accelerated vertical plate with variable temperature in the presence of rotation and Hall current | International Journal of Pure and Applied Mathematics, Vol.116, No.23, pp.35-40, 2017.  **Impact Factor : 0.49** |  |
| 7. | **Muthucumaraswamy R**, Sundar raj M and Subramanian VSA | Mass transfer effects on linearly accelerated vertical plate with heat flux and variable mass diffusion | International Journal of Mathematical analysis, Vol.9, No.1, pp. 15-21.  **Impact Factor :0.49** |  |
| 8. | **B Thilaka**, B Poorani and S Udayabaskaran | Performance Analysis for Queueing systems with close  down periods Subject to Catastrophe | International Journal of Pure and Applied Mathematics, Vol.119, No.7, pp.39-57, 2018.  **Impact Factor: 0.49** |  |
| 9. | Subbu Alias Subaand **Muthucumaraswamy R** | Soret Effect, Rotation Effect and MHD Effect on an impulsively started isothermal semi-infinite vertical plate | International Journal of Pure and Applied Mathematics, Vol.118, No.10,pp507-519,2018.**Impact Factor : 0.49** |  |
| 10. | K.Vijayalakshmia R.Umadevi and **R.Muthucumaraswamy** | Oscillating plate in nanofluid with uniform heat and mass flux under the effect of MHD, radiation and chemical reaction is analyzed by Runge-Kutta method | TAGA Journal, Vol.14,  pp. 793-803, 2018. |  |
| 11. | **S.Prabhu**,  M Arulperumjothi and  G. Murugan | On Certain Topological Indices of Titanium dioxide Nanosheet and Nanotube | Nanoscience and Nanotechnology Asia,Vol.7,pp.220-232, 2017.**Impact Factor : 0.73** |  |
| 12. | **S.Prabhu**, and  J. Praveen Kumar | On the Detour Index of Circular Ladder | Int. J. Adv. Res. in Basic Engg. Sci. and Tech., Vol.3, No.12,pp.30-35, 2017.  **Impact Factor : 5.023** |  |
| 13. | **S. Prabhu** ,  A.K. Arulmozhi and  M. Arulperumjothi | On Power Domination in Certain Chemical Graphs | International Journal of Pure and Applied Mathematics, Vol.118, No.11, pp. 11-19, 2018.**Impact Factor : 7.19** |  |
| 14. | **S. Prabhu**,  M. Arulperumjothi,  G. Murugan, V.M. Dhinesh and J. Praveen Kumar | **On Certain Counting Polynomial of Titanium dioxide nanotubes** | **Nanoscience& Nanotechnology-Asia,**  **In Press.**  **Impact Factor : 0.73** |  |
| 15. | **S. Prabhu,** G. Murugan and M. Natarajan | On Degree-Distance Index of Hexagonal Network | Int. J. Adv. Res. in Basic Engg. Sci. and Tech.,  **Impact Factor : 5.023** |  |
| 16. | **D. Meiyappan** | Spirituality Through Mathematics | International Journal of Pure and Applied Mathematics, Vol. 114, No.5, pp.1-11, 2017.  **Impact Factor : 7.19** |  |

**Department of Applied Physics**

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| **S. No.** | **Name of the Faculty (all coauthors)** | **Title of the paper** | **Name of the Journal**  **Vol. No, pages and IF** |  |
|  | Charanya, **S Sampath Krishnan** and N Balamurugan | Natural Bond Orbital(NBO),Natural population Analysis (NPA) and Non linear Optical Properties of (1S,2R)-2-amino-1-phenyl propan-1-ol-using DFT Method | Spectroscopy and Spectral Analysis,Vol.37,No.9, pp.1-5,2017. |  |
|  | **K.Raju** and K.Karpagavalli | Effect of heavy metal pollution on groundnut (Arachis hypogaeaL.) cultivar – A Spectroscopic study | Adv. in Natural and Appl. Sciences, Vol.11,No.4, pp.120-122,2017.  **Impact Factor : 0.4** |  |
|  | **Ms.G.Bharathy** | Quantum Computational and Molecular docking studies of 2-{2- [(2,6-dichlorophenyl)amino]phenyl}acetic acid based on density functional theory | Asian Journal of Research in Social Sciences and Humanities,Vol.7, No.6, pp.395-427, 2017. |  |
|  | **Kalpana S** | Cobalt doped Zinc Oxide nanoparticles for Photocatalytic applications | J.of  Ovianic Research.vol.1,No13,2017  **Impact Factor : 0.55** |  |

**Department of Biotechnology**

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| **S.No.** | **Name of the Faculty(all coauthors)** | **Title of the paper** | **Name of the Journal Vol. Issue No, pages and IF** |  |
| 1 | Prof.M.Sivanandham, **Ms.V. Sumitha**  Ms.R.Linekha | Production of protease from biodiesel waste derived semipurified glycerol | Indian Journal of Biotechnology Vol 17, July 2017, pp.386-394.  **Impact Factor: 0.289** |  |
| 2 | S Kalaivananan, T. Vinod kambali,  **S. Prabhu,** Visvanathan, N. Karpagam | Interaction Studies on Catecholamines to cellular receptors using in silico approach | Artery Research, Vol.19, pp.29-37, 2017.  **Impact factor : 0.319** |  |
| 3 | Suchitra Ramesh, Mohana Priya K,  **S. Prabhu** | Isolation of Garcinone E from Garcinia mangostana Linn and its Cytotoxic effect on sp2/0 cell lines | Journal of Pharmacognosy and Phytochemistry, Vol.6  No.5, pp.67-76, 2017.  **Impact Factor: 0.255** |  |
| 4 | **Sulochana Somasundaram**,  V Karthikeyan, Catherine L,  K Jayaprakash | Surveillance of variant mecA gene and analysis of efflux pump in mecA negative MRSA infections. | Pak. J. Pharm. Sci., Vol.30, No.5, pp.2007-2011, 2017.  **Impact factor : 0.682** |  |
| 5 | Helen, **Sulochana Somasundaram**, SmilineGirija AS,  Vijayashree Priyadarshini | Isolation and Molecular Characterization of Extended Spectrum β-Lactamase Producing *Escherichiacoli and Klebsiellapneumonia*e from soil samples of Hospital Environment in Chennai. | Eco.Env. & Cons., Vo.24, No.1, pp. 454-461, 2018. |  |
| 6 | **Pandi Prabha. S** and Johanna Rajkumar | Hepatoprotective effect of supplementary feed *Hydrilla* *verticillata* against lead induced acute liver toxicity in fish | International Research Journal of Pharmacy, Vol.8, No.5, pp.57-60, 2017. |  |
| 7 | **Praveen KumarP.K**, Sivanandham M, Akila M and PrabhuS | Isolation, purification and characterization of Boeravinone B from *Boerhaaviadiffusa*Linn | International Research Journal of Pharmacy, Vol.8, No.11, 140-144,  2017. |  |

**Department of Chemical Engineering**

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| **S.No.** | **Name of the Faculty(all coauthors)** | **Title of the paper** | **Name of the Journal**  **Vol. No, pages and IF** |  |
| **1** | **Rajasekar S**, Arvind B, Meyyappan N | Drying of Chickpeas (Cicer arietinum) and Black eyed Peas (Vignaunguiculata) | SSRG International Journal of Chemical Engineering Research, Vol.4, pp.14-2, 2017.  **Impact Factor : 0.89** |  |
| **2** | Asoka R.G, Aishwarya N, **Rajasekar S**, Meyyappan N | Dynamic Simulation of Double Pipe Heat Exchanger using MATLAB Simulink | SSRG International Journal of Chemical Engineering Research, Vol.4, pp.6-13, 2017.  **Impact Factor : 0.89** |  |
| **3** | **S. Rajasekar**, N. Meyyappan, and D.G Rao | Engineering Studies on Moisture Diffusivity of Solid Food Products during Processing - A Review | ChemBioEng Rev, Vol.4, pp.1–7, 2017. |  |
| **4** | Manoj Prabagar. S, **Rajasekar**. S, Meyyapan. N | Dynamic Simulation Of Transient Heat Conduction With Constant Heat Flux | International Journal of Innovative Research In Management, Engg. & Tech., Vol.2, No.6, 6, 2017 |  |
| 5 | Sirisha K, Suganya B, Sivasubramanian V, **Vishal B** S**,** Swaminathan D, Anand C Babu and Meyyappan N | Studies on the Effect of Pulsed Magnetic Field on the Productivity of Algae Grown in Dye Industry Effluent | J Appl Biotechnol Bioeng Vol.3, pp 1-5,2017 |  |
| 6 | Devaraja S, Bharath M, Deepak K, Suganya B, **Vishal BS,** Swaminathan D and Meyyappan N | Studies on the Effect of Red, Blue and White LED Lights on the Productivity of Chlorella Vulgaris to Treat Dye Industry Effluent | Advances in Biotechnology & Microbiology, Vol.6, pp.1-6, 2017. |  |
| 7 | Suganya Baskaran,  **Vishal Bellie Subramani,**  Swaminathan Detchanamurthy,  Parthiban Rangasamy | Potential Application of Redox Mediators and Metabolic Uncouplers in Environmental Research – A Review | ChemBioEng Reviews, Vol.4, pp.377-384, 2017. |  |
| 8 | **R.Govindarasu,** S.Somasundaram, P.K.Bhaba | Dynamic studies and control of Direct Methanol Fuel Cell | Taga Journal of graphic Technology, Vol.14, No.1,pp.1075-1085, 2018. |  |
| 9 | **R.Govindarasu**, S.Somasundaram and P.K.Bhaba | Computer aided tool box for the design of CDM based PID family controllers | Taga Journal of graphic Technology, Vol.14, No.1, pp.1525-1537, 2018 |  |

**Department of Civil Engineering**

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| **S. No.** | **Name of the Faculty (all coauthors)** | **Title of the paper** | **Name of the Journal**  **Vol. No, pages and IF** |  |
| 1 | **Selvakumar M,**  Abhishek Reddy, Sathish V and  Venkatesh R | Potential Influence of Metro on BUS : A Case Study | Journal of Institution of Engineers, India series A  Doi:10.007/s40030-18-0290-y |  |

**Department of Computer Science and Engineering**

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| **S. No.** | **Name of the Faculty (all coauthors)** | **Title of the paper** | **Name of the Journal**  **Vol. No, pages and IF** |  |
| 1. | **Dr.R.Nedunchelian**  S. Akshaya  V. Deepaprema and  K. Gopi | Agriculture monitoring and crop detection system | International Journal of trendy research in Engineering and Technology-Vol.1,Issue Sept-2017 |  |
| 2. | **Dr.R.Nedunchelian**  R. Rajyashree  M. Vaishnavi | Database using multi-factor Authentication | International Journal of trendy research in Engineering and Technology-Vol.1 Issue Aug-2017 |  |
| 3. | **Dr.R.Nedunchelian**  V.M. Gayathri | DKGM-Device Key Generation Algorithm to improvise security measures by maintaining the reliability threshold in device to device communication | International Journal of Pure and Applied Mathematics, Vol: 117, No.15,pp.1095-1102, 2017.  **Impact Factor: 0.37** |  |
| 4. | **Dr.R.Nedunchelian**  V.M. Gayathri | Eradication of vulnerable host from N2N communication Networks using probabilistic models on historical data | International Journal of Pure and Applied Mathematics, Vol: 117, No.15,pp.1087-1094, 2017.  **Impact Factor: 0.37** |  |
| 5. | **Dr.R.Nedunchelian**  K. Malathi | Efficient method to detect and classify diabetic retinopathy using retinal fundus images | International Journal of Pure and Applied Mathematics, Vol: 116 No.21,pp.89-97, 2017.  **Impact Factor: 0.37** |  |
| 6. | **Dr.R.Nedunchelian**  R. Kavitha | Domain-specific search engine optimization using healthcare ontology and a neural network back-propagation approach | Research Journal of Biotechnology, Volume Special issue-II, 2017.  **Impact Factor: 0.29** |  |
| 7. | **Dr.R.Nedunchelian** | A Recursive support vector machine(RSVM) algorithm to detect and classify diabetic retinopathy in fundus retina images | Biomedical Research 2017-Special issue:  **Impact Factor: 0.219** |  |
| 8 | T.P.Rani and  **C. Jayakumar** | Unique Identity and localization based replica node detection in hierarchical wireless sensor networks | Computers and Electrical Engineering, Elsevier  Vol.64, pp.148-162. |  |
| 9 | Nithya Muthukumaran  **C**. **Jayakumar** | FlowAgent: Software Defined Firewall Rule Generator for Network Intrusion Detection System | International Journal of Intelligent Engineering and Systems, Vol.10, No.3, 2017. |  |
| 10 | **Gnanasekar J.M** Natarajan C | Anomaly Detection System For Healthcare Resource Usage in Machine Learning | International Journal of Computers & Distributed Systems, Vol 5, Issue 1 pp - 138-143, 2017. |  |
| 11 | Rajesh M. **Gnanasekar, J.M** | Congestion Control Scheme for Heterogeneous Wireless Ad Hoc Networks Using Self-Adjust Hybrid Model | International Journal of Pure and Applied Mathematics, Vol. 116, pp537-547, 2017. |  |
| 12 | P. Priyadharshini  **R. Jayabhaduri** | Object Detection Based on Background Subtraction and Dynamic Texture Scenes | International Journal of  Scientific Engineering and Technology Research, Vol.5, No.15,pp. 2912-2915, 2016. |  |
| 13 | N. Priyadharsini  **N. Rajeswari** | Perlustration of Deaf-And-Dumb Alphabet Detection and interpretation | International Journal Of Engineering Development and Research, Vol.5, Issue 2 , pp-473-476,  **Impact Factor: 5.67** |  |
| 14 | Athithyaa Selvam, Anandrajalu R,  Bharat Chandra C and  **N. Rajeswari** | Dynamic Time Warping Approach for User Authentication of Smartphones  Using Single-handed Shakes | International Journal on Recent and Innovation Trends in Computing and Communication, Vol.5,pp-345-350, 2017.  **Impact Factor: 5.08** |  |
| 15 | N. Priyadharsini and  **N. Rajeswari** | Sign Language Recognition Using Convolutional Neural Networks | International Journal on Recent and Innovation Trends in Computing and Communication, Vol.5, No.6,pp-625-628:350, 2017.  **Impact Factor: 5.08** |  |
| 16 | **Adimoolam M**  Sugumaran M,  Rajesh S R | A Novel Efficient Clustering and Secure Data Transmission Model for Spatiotemporal Data in WSN | International Journal of Pure and Applied Mathematics, Vol.118,No.8,pp.117-125,2018.  **Impact Factor: 0.37** |  |
| 17 | **S.U.Muthunagai**  Dr. R.Anitha | An Efficient Hash Based Data De-Duplication Approach For Large Scale Distributed Servers | International Journal of Emerging Technology in Computer Science and Electronics, Vol:24, pp.14-17,  **Impact Factor: 0.35** |  |
| 18 | Gayathri V M and  **Dr.R.Nedunchelian** | Mitigating combinatorial attacks in node to node communication using high level security measures based on analysis of efficiency factor through regression and deviation | Cluster computing  Doi: 10.1007/s10586-018-2004-7  **Impact Factor: 02.04** |  |

**Department of Electrical and Electronics Engineering**

| **Sl.No** | **Name of the Faculty(all coauthors)** | **Title of the Paper** | **Name of the Journal, Vol. No, pages and IF** |  |
| --- | --- | --- | --- | --- |
| 1 | Deepak ArumugamPremalatha Logamani, and KR.Santha | Improved Performance of Integrated Generator systems with Claw pole alternators for aircraft applications | Energy Journal Vol.133, pp: 808-821, 2017.  **Impact Factor:4.52** |  |
| 2 | Ganapathy Ram and **KR.Santha** | Review of Sliding mode observers for sensor less control of Permanent Magnet Synchronous motor drives | International Journal of Power Electronics and Drive System, Vol. 9, No. 1, pp. 46-54, 2018.  **Impact Factor:0.87** |  |
| 3 | Deepak ArumugamPremalatha Logamani, KR.Santha | Electromagnetic & Thermal Analysis of Synchronous generator with different rotor structures for aircraft applications | Alexandria Engineering Journal, pp**:** 1-11, 2017. |  |
| 4 | Bharathi Thangaraj, Deepak Arumugam, Premalatha Logamani, **KR.Santha** | Performance Evaluation of PMSG for Aircraft applications | Energy Procedia Vol. 117, pp: 385-392, 2017. |  |
| 5 | P.Manimegalai,KR.Santha andM.Sankar | Speed Control of three phase BLDC fan motor using Fuzzy Logic Controller | International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engg.Vol.6 No.2, pp. 297-304, 2017.  **Impact Factor:6.392** |  |
| 6 | Dr.R.Karthikeyan and V.Sanghavee | A Symmetric Multilevel Voltage Source Inverter with Reduced Number of Switches | International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engg.,  Vol. 6, No.2, pp.268-275, 2017.**Impact Factor:6.392** |  |
| 7 | **K.Sundararaman,**  K V Nirmala and  S Arulmozhi | A Comparative Study of Four Different Non-Isolated Bidirectional DC-DC Converters | International. Journal of Engineering Research and Application, Vol. 7, No.7, pp.76-83, 2017.  **Impact Factor:5.179** |  |
| 8 | RumanaFarheen.N and  **S.G .BharathiDasan** | State Feedback Speed Control of Permanent Magnet  Synchronous Motor for an Electric Vehicle | International Journal of Science and Engineering Dev. Res.,Vol.2, No.7,2017  **Impact Factor : 5.47** |  |
| 9 | **Nalin Kant Mohanty**  and Kavaskar Sekar | Combined Mathematical Morphology and Data Mining Based High Impedance Fault Detection | Energy Procedia Vol.117, pp 417-423, 2017. |  |
| 10 | **Nalin Kant Mohanty**  and C.Kannan | A new topology for cascaded H-bridge multilevel inverter with PI and Fuzzy control | Energy Procedia Vol.117, pp 917-926,2017. |  |
| 11 | **Nalin Kant Mohanty** G.Muralikrishnan | Fundamental Sequence Component Based Hysteresis Current Controlled MSALC” | Energy Procedia, Vol.117, pp.1093-1100,2017. |  |
| 12 | **Dr.Nalin Kant Mohanty** JeffyFelcia Sharon | Simulation of Switched Reluctance Motor Drive for Electric Vehicle Application | International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering Vol. 6, No.2,pp. 312-317, 2017.  **Impact Factor:6.392** |  |
| 13 | **D. Amudhavalli**  R. Subasri and  S. Sudharsanam | Modified Zeta Converter with Power Factor Correction for Arc Welding | International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering Vol. 6, No.2, pp 344-352, 2017.  **Impact Factor:6.392** |  |
| 14 | **D.S.Purushothaman**  and A.Karthikeyan | Comparative Analysis of Control Strategies for 13 Level Cascaded H-Bridge Multilevel inverter for Induction Motor | CIIT International Journal of Programmable Device Circuits and Systems,  Vol.9,No.2, pp.22-38, 2017. |  |
| 15 | **D.S.Purushothaman**  and A.Karthikeyan | Speed Control of Three Phase Induction Motor using 13-Level Cascaded H-Bridge Multilevel inverter with PID, Fuzzy and ANFIS Controller | International Journal of Advanced research Electrical, Electronics and Instrumentation Engg.,  Vol. 6, No.1,pp.1111-1120,  2017.  **Impact Factor:0.492** |  |
| 16 | **S.Kumaravel** and  R.Sundaravel | Control of PMSG based variable speed wind turbines for voltage regulation | International Journal of Advanced research Electrical, Electronics and Instrumentation Engg.,  Vol. 6, No.2, pp.318-326,  2017.  **Impact Factor:6.392** |  |
| 17. | Boopathi V P,Kumudini Devi R P ,Ramanujam R andS.G.BharathiDasan | Investigation of sub synchronous oscillations in grid Connected type-2 wind farm and its mitigation using STATCOM | Journal of Electrical Engineering , Vol.17,  pp.488-498, 2017. |  |
| 18. | **NalinkantMohanty**  Ashwin Kumar Sahoo  Sarat Kumar Sahu | Modeling and Simulation of Three Phase D-SVC for Load | International Journal of Power Electronics and Drive System, Vol.8, No.1,pp.262-271, 2017.    **Impact Factor:0.87** |  |

**Department of Electronics and Communication Engineering**

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| **S.No.** | **Name of the Faculty(all coauthors)** | **Title of the paper** | **Name of the Journal**  **Vol. No, pages and IF** |  |
|  | P. Kopperundevi,  **S. Muthukumar** | Simulator for MIPS Processor | International Journal of Innovative Research in Computer and Communication Engg. Vol.5, pp.123-129, 2017  **Impact factor: 7.194** |  |
|  | T.Deepa,  **S. Muthukumar** | Realization of Soft Processor Using Xilinx | International Journal of Innovative Research in Computer and Communication Engg., Vol.5, pp.123-129, 2017.  **Impact factor: 7.194** |  |
|  | N.Mageshwari, **G.A.Sathish Kumar** | Design and Development of Approximate Multiplier Using Urdhva Algorithm | International Journal of Innovative Research in Computer and Communication Engg., Vol.5, pp.162-170, 2017. **Impact factor: 7.194** |  |
|  | [Ramalingam Sandhya](http://digital-library.theiet.org/search?value1=&option1=all&value2=Ramalingam+Sandhya&option2=author),  [Hyder Ali](http://digital-library.theiet.org/search?value1=&option1=all&value2=Hyder+Ali+Umma+Habiba&option2=author)**[,](http://digital-library.theiet.org/search?value1=&option1=all&value2=Hyder+Ali+Umma+Habiba&option2=author)**  **[UmmaHabiba](http://digital-library.theiet.org/search?value1=&option1=all&value2=Hyder+Ali+Umma+Habiba&option2=author)** | Miniaturised ISM band HMSIW band-pass filter loaded with wide U slot | IET Journal of Engineering, pp.6, DOI:[10.1049/joe.2017. 0410](http://dx.doi.org/10.1049/joe.2017.0410) , 2017. |  |
|  | **H.UmmaHabiba,** R. Aswanth, S.Abinash, P.K. Harshavardhan,  J.P.JannetGnana S hirley,R.Chandralekha | Miniaturized UWB Dual Band Pass Filter with MultipleTransmission Zeros and Wide Rejection | International Journal of Electronics, Electrical and Computational System,  Vol.6, 2017.  **Impact factor: 2.52** |  |
|  | DhanrajVedanth.R, Balaji Arul Selvan.S , JeyenthKumar.G.K, Joshua Roshan Samuel S.Revathy , **H.UmmaHabiba** | Low Profile HMSIW Rectenna for Energy Harvesting | International Journal of Electronics, Electrical and Computational System  , Vol.6, 2017.  **Impact factor: 2.52** |  |
|  | E.Roshith, Sneha.R, P.R.Sriram, D.Bharathi, **H.UmmaHabiba** | KU-Band Filter Design using Sir and Matching STUB | International Journal of Engineering Technology, Management and Applied Sciences, Vol.5,2017.  **Impact factor: 2.24** |  |
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