

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



Name of The Staff	SENTHILKUMAR P
Designation	Assistant Professor
Department	Electrical and Electronics Engineering
Educational Qualification	ME, MBA
Area of Specialization	POWER ELECTRONICS AND DRIVES
Area of Interest	POWER ELECTRONICS FOR RENEWABLE ENERGY
Professional Memberships	-
Email Id	eee.senthilkumar@msajce-edu.in
Experience	Teaching : 6 Years 10 months
Research Guidance	-
Subjects Handled	
Under Graduate	<ol style="list-style-type: none">1. Control System2. Protection and Switchgear3. Power System Analysis4. Power Electronics For Renewable Energy System5. Transmission and Distribution6. Linear Integrated Circuits & Application7. Basic Electrical, Electronics and Measurement engineering8. Basic Electrical and Electronics Engineering9. Electrical Drives & Control10. EHV AC and DC Transmission Engineering
Post Graduate	<ol style="list-style-type: none">1. Embedded product design

Publications

International Journals

1. P.Senthilkumar and Pushpakarthick.P, "Design and Implementation Of Solar Powered Electromagnets", International Journal of Science and Innovative Engineering & Technology (IJSIET), Volume 3 May issue 2017, ISBN 978-81- 904760-9-6
2. P.Senthilkumar, Pushpakarthick.P, K.V.Thilagar, and G.Vignesh, "Direct Flux And Torque Control Of Induction Motor Drive For Speed Regulator Using Pi And Fuzzy Logic Controllers", international Journal of Science and Innovative Engineering & Technology (IJSIET), Volume 3 May issue 2017, ISBN 978-81- 904760-9
3. "Feed forward control of induction motor using ac voltage controller",International journal of engineering research &technology (IJERT),vol.3, issue.5,may2014, ISSN: 2278-0181
4. Power system control for hybrid sources Using two input dc-dc converter", IJRIT International Journal Of Research In Information Technology, ISSN 2001-5569, Volume 2, Issue 5, May 2014, Pg: 499-506
5. " A Control Scheme of Cascaded Multilevel Inverter Based D-STATCOM for Improving the Voltage Control and Reduce Total Harmonics Distortion", International Journal of Science and Research (IJSR) ISSN (Online): 2319-7064 vl. 4, issue.3, march2015.
6. "Grid-Connected Boost-Half-Bridge Photovoltaic Micro inverter System Using Repetitive Current Control and Maximum Power Point Tracking", International Journal of Research in Computer and Communication Technology, Vol 3, Issue 5, May- 2014

International Conference	<ol style="list-style-type: none"> 1. P.Senthil Kumar ,Sharath Rajagopalan and R. Akshay Venkata Subramanian, "Efficient Traffic Handling & Traffic Signal Rules Alert System Using Thermographic Camera And Image Capturing" 37th IRF International Conference,10th September 2017, Bangalore, India. 2. P.Senthil kumar,k.v.Thilagar, Pushpakarthick.P , G.Vignesh, "Direct Flux And Torque Control Of Induction Motor Drive For Speed Regulator Using Pi And Fuzzy Logic Controllers", International Conference on Science and Innovative Engineering 2017, 2nd April 2017, Chennai, India., ISBN 978-81-904760-9-6, MAY 2017 issue, Volume 3. 3. P.Senthil kumar and Pushpakarthick.P, "Design and Implementation Of Solar Powered Electromagnets", International Conference on Science and Innovative Engineering 2017, 2nd April 2017, Chennai, India., ISBN 978-81-904760-9-6, MAY 2017 issue, Volume 3.
National Conference	<ol style="list-style-type: none"> 1. 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.
Participations In Workshop / Seminar /FDP /Guest Lecture	
Workshop	8
Seminar	2
Faculty Development Programme	7