



SYED AMMAL ENGINEERING COLLEGE

(Approved by the AICTE, New Delhi, Govt. of Tamilnadu and Affiliated to Anna University, Chennai)

(NBA Accredited UG Courses: MECH, ECE, CSE, EEE)

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LIST OF PATENTS FILED/PUBLISHED

S. No	Title of the Patent	Name of the Applicant	Year of Publication / Filing	Patent Status in IPR Journal
1	Harmonic Elimination in Cascaded H-Bridge Multilevel Inverter using SHE PWM	Dr. S. Selvaperumal Professor & Head, EEE	2017	Published on 16/08/2019 Page No.37098
2	An Efficient App. for Detecting Diabetic Retinopathy. (Dr App)	Dr. S. Selvaperumal Professor & Head, EEE	2017	Published on 07/09/2018 Page No.34260
3	Fuzzy Gain Scheduling Speed Controllers using V/F Method of Induction Motor Drive	Dr. S. Selvaperumal Professor & Head, EEE	2017	Published on 17/05/2019 Page No.20584
4	An Integrated Energy Management System for Measuring and Monitoring of Electrical Parameters in Real	Dr. S. Selvaperumal Professor & Head, EEE	2017	Published on 02/06/2017 Page No.18110
5	Automatic Cleaning of Solar PV Modules using Artificial Intelligence	Dr. S. Selvaperumal Professor & Head, EEE	2017	Published on 02/06/2017 Page No.18085
6	G glass	Dr. S. Selvaperumal Professor & Head, EEE	2019	Filed
7	A Novel PSO based automated optimally controlled watering system for a Coriander plant field using Wireless Sensor Network	Dr. S. Selvaperumal Professor & Head, EEE	2019	Published on 18/10/2019 42/2019 Page No.48773
8	Wireless sensor network based data logging and ANN based Maximum Power Point Tracking for a large Photo voltaic farm	Dr. S. Selvaperumal Professor & Head, EEE	2019	Published on 18/10/2019 42/2019 Page No.48774



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9	Performance Improvement of Induction Generator in Grid Integrated Wind Energy Conversion System	Dr. S. Selvaperumal Professor & Head, EEE	2019	Published on 6/12/2019 49/2019 Page No.57289
10	G-Glass Smart Manufacturing Unit	Dr. S. Selvaperumal Professor & Head, EEE	2019	Published on 6/12/2019 49/2019 Page No.57291
11	Coal Flow Regulation Using Model Based Controllers in Thermal Power Plant	Dr. S. Selvaperumal Professor & Head, EEE	2019	Published on 6/12/2019 49/2019 Page No.57290
12	G Glass for Electrical Power Generation and Electrical Energy Storage	Dr. S. Selvaperumal Professor & Head, EEE	2019	Published on 6/12/2019 49/2019 Page No.57293



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2013-14	Web: www.mechengg.ac.in E-mail: kannan@syedammal.ac.in Established in 1998 – An ISO 9001:2015 Certified Institution	P. Marimuthu. P, Non Automatic Tabletop Portable Mini Lathe, Official Journal of the Patent Office, (2014) Issue No. 22/2014, page14589, Application No. 5040/CHE/2013 A, Date of filing of Application: 08/11/2013, Publication date: 30/05/2014. Resource allocation using cooperative technique for random access wireless of DMA communication system No: 239/CHE/2013 A
2014-15	Mech.-1	P. Marimuthu and T. T. M. Kannan, Tabletop Portable Mini Friction Welding Machine for Miniature of Welded Joints, Official Journal of the Patent Office, (2015) Issue No. 05/2015, page 22219, Application No. 371/CHE/2015 A, Date of filing of Application: 27/01/2015, Publication date:30/01/2015.
2015-16	Nil	Nil