

## List of Publications

**Number of Research Publications: 25**

S.No.	Faculty name	Year of publication	Title of the Paper
1.	Dr S Muthuvijayapandian	2011	An Evolutionary Programming based Efficient PSO for Economic Despatch problem with valve point loading
2.	Dr S Muthuvijayapandian	2011	An Efficient PSO to solve combined economic power despatch problem
3.	Dr S Muthuvijayapandian	2012	Considering Transmission Loss for Economic despatch problem without valve point loading using EP-EPSO algorithm
4.	Ms N S Abhinaya	2012	Design of Float Image level transmitter for level measurement using Image Processing Technique
5.	Ms V Nirmala	2013	Intelligence of Data Analysing and Networking of Water Attribute information transfer based on GSM
6.	Ms R Princelyn Jebakiruba	2013	Development of Computational Technique for Better Utilization of Renewable energy
7.	Mr Ashok Kumar	2013	A Non Linear Controller for Liquid level control systems
8.	Mr Ashok Kumar	2013	Multi Objective Economic Load Despatch using Hybrid Fuzzy , Bacterial foraging – Nelder mead algorithm
9.	Mr Ashok Kumar	2013	A Non Linear Controller for Photovoltaic Water Pumping Systems
10.	Mr Ashok Kumar	2013	Solar Cell panel Crack Detection using Bacterial Foraging Optimization Algorithm
11.	Ms K Shanthi	2014	Segmentation of Brain Tumour from MRI images by Improved Fuzzy Systems
12.	Ms R Sumitharaj	2014	Segmentation of Brain Tumour from MRI images by Improved Fuzzy Systems
13.	Mrs.R.Kavipriya	2015	Design of PID Controller for boiler drum level control
14.	Mrs.K.Shanthi	2015	Reduction of data losses and packet dropouts in networked control system using H controller
15.	K.Shanthi	2015	Published a Book on title “Computer Control of Process” Third Edition.
16.	Mr.S.Dilip Kumar Ms.M.Vidhya	2016	Study and Analysis of various pre-processing techniques used in Breast Cancer Detection using Image Processing
17.	Ms.R.Swathi Ms.S.Deebika Ms.S.Jananisri Mr.Ajith.B.Singh	2016	SRC for Mobile Room Heating System

18.	Ms.K.Shanthi Mr.Ajith. B. Singh	2016	Safe Propellant loading in pyrotechs using Virtual instrumentation
19.	Ms.R.Swathi Ms.S.Deebika Ms.S.Janansri Mr.Ajith. B. Singh	2017	Split range control mobile room heating system
20.	Ms.K.Shanthi Mr.Ajith. B. Singh	2017	Propellant mixing & loading in pyrotechs using virtual instrumentation
21.	Mr.J.Dhanaselvam	2017	Design & Implementation of Micro-Controller Based Automated Water Level Monitoring system
22.	Ms.K.Shanthi	2017	Modelling and controlling of conical tank system using adaptive controller and conventional PID controller and comparison of their performances
23.	Ms.R.Swathi	2017	Automatic Headlight Beam Controller
24.	Ms.R.Swathi	2017	Automatic Headlight Beam Controller
25.	Mr.J.Dhanaselvam	2017	An investigation of stability analysis of electrical drives based control applications