



SRM Valliammai Engineering College

SRM Nagar, Kattankulathur-603203, Kancheepuram District, Tamil Nadu

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Department of Electronics & Instrumentation Engineering

Personal Details

Name :	M.SHANTHI	
Designation :	A.P(S.G)	
Educational Qualification :	M.E	
Experience:	19 years	
Area of Specialization :	PROCESS CONTROL & INSTRUMENTATION	
Date of Joining :	19/12/2007	
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Educational Details

S.No	Degree	Branch/Specialization	Institution / University	Year
1	B.E.	EIE	Annamalai University	2003
2	M.E.	PC&I	Annamalai University	2005

Professional Society Memberships

1. Indian Society of Technical Education: Life Member
2. IAENG: Annual Member

Publication Details

Journals:

1. Modeling and Control of Chemical Reactor Using Model Reference Adaptive Control, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, in May'2014.
2. Performance Evaluation Criteria of various controllers for heat process, International Open Journal for Engineering Research, Vol-1, Issue-1, April'2015.
3. Design of Industrial Environment Monitoring System using MIMO System, International Journal of Advanced Research in Electronics and Communication (IJARECE) Engineering, Vol-5, Issue-2, Feb'2016.
4. Li-Fi Based Smart Shoe for Blind, Research Article in International Journal of Engineering Science and Computing (IJESC), Vol-9, Issue-3, March'2019.
5. IOT Based Poultry House Monitoring System, International Research Journal of Engineering and Technology (IRJET), Volume 7, Issue-3, March'2020.
6. Library Management and Book Reader for Visually Challenged People using Raspberry Pi, A Journal of Composition Theory, Volume XIV, Issue IV, April'2021.
7. Aquaponics system Monitoring and Controlling using IOT, IJARIE-ISSN(O), Volume 7, Issue-3, March'2021

Conferences:

1. Digital PID Controller For H-Bridge Boost Converter, Proceedings of National Conference on Computational Intelligence in Electrical and Electronics Engineering (NCIEEE), Feb'13
2. Modelling and Controller Design of Model Reference Adaptive Control for Chemical Reactor, 2014 IEEE International Conference on Advanced Communication Control and Computing Technologies (ICACCCT).
3. Modelling and Controller Design of Model Reference Adaptive Control for Chemical Reactor, National Conference on Innovative Techniques in Power Engineering and Drives, ITPED-2014.
4. Implementation and Evaluation of Different Controllers For an Exchanger System, 2nd National Conference on Emerging Trends in Electronics, Instrumentation and Control (EtEIC-2015).
5. Design of Industrial Environment Monitoring System using MIMO System, National Conference on Renewable Power Generation(NCRPG'16)
6. Infected Leaf Analysis and Pest Control using Image Processing, 6th National Conference of Recent Enhancement in Advanced Computing Technologies (NCREACT'17).

Research and Development Details

1. No. of Research Projects Completed: NIL
2. No. of Patents Filed: NIL
3. No. of Ph.D. candidates guided/guiding: NIL
4. No of Conferences Convened: NIL

Other Particulars

No. of times secured 100% Pass Percentage: 15
No. of STTP/FDP coordinated:13
No. of Guest Lecture/Workshop/SDP-coordinated:18
No. of Guest Lecture delivered: 10

1. Conducted a Seminar on" Advance Automation Systems in Oil, Gas and Power Sectors" on 18th August 2015.
2. Conducted a workshop on" Graphical System Design using LABVIEW" on 24th June 2012.
3. Secured 100 percentage results in Power Plant Instrumentation, Instrumentation in Petrochemical Industries, Industrial Instrumentation, Applications of MEMS Technology, Robotics & Control" in Anna University Examinations.
4. Conducted five days FDP on "Electron Devices &VLSI" from 6th May 2019 to 10th May 2019.
5. Conducted 15days Value added Course on "Training on MATLAB software and Simulink in Engineering Education" from 5th Feb 2020 to 24th Feb 2020.
6. Conducted SDP on "Microsoft Office Automation" for Technical Staff on 23rd November 2021.