



# SRM Valliammai Engineering College


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

TEL : 044 - 27454784 / 726, FAX : 044 - 27451504



## Department of Electronics and Instrumentation Engineering

### Personal Details

<b>Name:</b>	Sowrirajan N	
<b>Designation:</b>	Asst. Prof. (O.G)	
<b>Educational Qualification:</b>	M.E., (Ph.D.)	
<b>Experience:</b>	17 Years	
<b>Area of Specialization:</b>	Process control and Instrumentation	
<b>Date of Joining:</b>	16/06/2014	
<b>Email ID:</b>	Sowrirajann.eie@valliammai.co.in <a href="mailto:irwos1983@yahoo.co.in">irwos1983@yahoo.co.in</a>	
<b>Contact Numbers:</b>	044- 27454784, 9962488306 <b>Extn:8183</b>	

### Educational Details

S.No	Degree	Branch/Specialization	Institution / University	Year
1	B.E.	Electronics and Instrumentation Engg	Madras institute of Technology	2011
2	M.E.	Process control and Instrumentation	Annamalai University	2013
3	Ph.D	Control and Instrumentation	Anna University, Chennai	Pursuing

### Professional Society Memberships

The Indian Society for Technical Education, LM 119328

### Publication Details

#### Journals:

- Analysis of single input dual output buck converter with reduced cross regulation using decoupled sliding mode control strategy, <https://doi.org/10.1002/cta.3238>.
- Performance Evaluation Criteria of various controllers for heat process, International Open Journal for Engineering Research, Vol-1, Issue-1, April'15.
- Driverless Metro Train using Arduino, International Journal of Engineering Science and Computing, Vol-9, Issue-3, March'19
- Smart Voting System through Face Recognition. International Journal of Advance Research and Innovative Ideas in Education, Vol- 06, Issue: 02, February'20

#### Conferences:

- Model Predictive Control of a Serial Link Robot Manipulator Second International conference on Smart Automation in Computer, Electrical, Electronics and Communication Engineering
- Neural Networks Based Control of Nonlinear Process, International Conference on Smart Automation in Computer, Electrical, Electronics and Communication Engineering
- Implementation and Evaluation of Different Controllers for an Exchanger System, 2nd National Conference on Emerging Trends in Electronics, Instrumentation and Control (EtEIC-2015).
- IoT Based Home Automation System with Customized Fixtures and Control, National Conference on Emerging Trends in Science Engineering and Technology.

### Other Particulars

- 1.No. of Books Published: Nil
2. No. of STTP/FDP coordinated: 1