



# SRM Valliammai Engineering College

(An Autonomous Institution)

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

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## Department of Electronics and Instrumentation Engineering

### Personal Details

<b>Name :</b>	R.IssanRaj		
<b>Designation :</b>	A.P.(Senr.G)		
<b>Educational Qualification :</b>	M.E., (Ph.D)		
<b>Experience:</b>	10 years and 6 months		
<b>Area of Specialization :</b>	Control and Instrumentation		
<b>Date of Joining :</b>	07/09/2011		
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### Educational Details

S.No	Degree	Branch/Specialization	Institution / University	Year
1	B.E.	ECE	Sun college of engineering / Anna university	2006
2	M.E.	Control & Instrumentation	College of engineering, Guindy, Anna University	2011
3	Ph.D.	Control of Power Converter	Anna University	Pursuing

### Professional Society Memberships

1. Indian Society of Technical Education: Member.
2. ISA.

### Publication Details

#### Journals:

- i. 'PID compensated, Stability improved Impedance Source Inverter (ZSI)', International Journal of Scientific & Engineering Research Volume 4, Issue 8, August-2013 ISSN 2229-5518 pages; 151-155.
- ii. 'Steady State Extended Kalman Filter Application for a Heat Exchanger Model' International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (An ISO 3297: 2007 Certified Organization) Vol. 3, Special Issue 4, May 2014, ISSN (Print) : 2320 – 3765, ISSN (Online) : 2278 – 8875 , pages :120-123
- iii. 'Speed Control of Induction Motor Drives using Digital Signal Controllers (DSC)' Model 'International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (An ISO 3297: 2007 Certified Organization) Vol. 5, Issue 5, May 2014 pages :120-123, ISSN (Print) : 2320 – 3765, ISSN (Online): 2278 – 8875, pages :4009-4014
- iv. 'Microcontroller based advanced fabric tension modeling and implementation' International research journal of Engineering and Technology (IRJET) Vol 6, Issue 03, March 2019 e-ISSN2395-0056, p-ISSN 2395-0072 pages 1143-1144.
- v. 'Automatic Vehicle number identification using digital image processor' International Journal of Advance Research and Innovative Ideas in Education (IJARIIE) vol6, Issue 2, Feb 2020, ISSN 2395-4396, pages 59-60.

**Conferences:**

- i. ' Closed Loop Voltage mode control of Impedance Source Inverter (ZSI)' National conference on Advances in Electrical Energy Applications on Jan 3rd and 4th, (AEEA-2013)2013,pages:86-90, e-ISSN:2278-7461,P-ISSN:2319-6491.
- ii. 'PI Control of Vienna Rectifier' National Conference on Recent Trends in Electrical & Electronics Engineering,JCECON-11,pages :343-347.

**Research and Development Details**

Doing Ph.D part-time in Anna university in the faculty of electrical engg during jul 2017

**Other Particulars**

- i. Has got valid score in Gate 2020 in Electronics and communication engineering.
- ii. Has completed NPTEL Online 12 week course "Basic Electric circuits" during Jul-Oct 2019.
- iii. Has completed NPTEL Online 12 week course "Digital circuits" and got rank during Jul-Oct 2018.
- iv. Has completed NPTEL Online 12 week course "Control engineering" during Jul-Oct 2017.
- v. Has completed NPTEL Online 12 week course "Basic electronics" during Jan-April 2017.
- vi. Has completed NPTEL Online course "Introduction to research" during Jan-Feb 2016.
- vii. Has participated in "Smart India Hackathon 2019" along with EIE students of SRM Valliammai Engg College at New Delhi during July8-July2019.
- viii. Handled a session in Faculty development program on "Communication engineering "on 28th&29th Jan2016 organized by department of Electronics and Instrumentation Engg, Valliammai Engg College, Kattankulathur.
- ix. Has attended Faculty development program on "EC6009-Advanced computer architecture"on 22<sup>nd</sup> to 28<sup>th</sup> May 2017 at College of engineering, Guindy, Anna University.
- x. Has attended Faculty development program on "EE6009-Power electronics for renewable Energy systems" on 15<sup>th</sup> to 16<sup>th</sup> November 2017 at department of electrical and Electronics Engg, Valliammai Engg College, Kattankulathur.
- xi. Has attended Faculty development program on "EI6602-Process control " on 16<sup>th</sup> to 17<sup>th</sup> November 2017 at department of Electronics and Instrumentation Engg, Valliammai engg college, Kattankulathur.
- xii. Has attended Faculty development program on "EI6601-Electrical measurements" on 29<sup>th</sup> to 30<sup>th</sup> May 2017 at department of Electronics and Instrumentation Engg, Valliammai engg college, Kattankulathur.
- xiii. Has attended Faculty development program on "Embedded systems" on 12<sup>th</sup> to 13<sup>th</sup> Jan2016 at department of electrical and Electronics Engg, Valliammai Engg College, Kattankulathur.
- xiv. Has attended National level workshop on "Glimpses on effective Research and proposal writing" at St.Joseph's Institute of technology on 20-10-2016.
- xv. Has attended Faculty development program on "EE6303-Linear integrated circuits & applications " on 27<sup>th</sup> to 28<sup>th</sup> Jun 2016 at department of Electronics and Instrumentation Engg, Valliammai engg college, Kattankulathur.
- xvi. Has attended Faculty development program on "IC2401-Digital control system "on 2<sup>nd</sup> to 8<sup>th</sup> Dec 2013 at MIT campus Chrompet, Anna University.
- xvii. Has attended Faculty development program on "EI2022-Instrument in petrochemical Industry "on 3<sup>rd</sup> to 9<sup>th</sup> Jun 2013 at MIT campus Chrompet, Anna University.
- xviii. Symposium Coordinator for 2012-13 and 2013-14.
- xix. Has completed Module 1 in NITTT during March 2021.