



# SRM Valliammai Engineering College


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

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## Department of Electronics and Instrumentation Engineering

### Personal Details

<b>Name :</b>	C. Praveen Kumar		
<b>Designation :</b>	Assistant Professor (O.G)		
<b>Educational Qualification :</b>	B.E., M.E.,(Ph.D)		
<b>Experience :</b>	7 years		
<b>Area of Specialization :</b>	Process Control and Instrumentation		
<b>Date of Joining :</b>	01-06-2015		
<b>Email-ID :</b>	praveenkumarc.eie@valliammai.co.in chakrapaveen@gmail.com		
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### Educational Details

S.No	Degree	Branch/Specialization	Institution / University	Year
1	M.E.	Control & Instrumentation	Anna University	2015
2	B.E.	Electronics & Instrumentation	Annamalai University	2013

### Professional Society Memberships

Life member of <b>Indian Society for Technical Education</b> (Membership ID: LM 119332)
Member of <b>Indian Science Congress Association</b> (Membership ID: A6622)
Associate Member of <b>Institute of Research Engineers and Doctors</b> (Membership ID: AM10100054266)
Member of <b>International Association of Engineers</b> (Membership ID: 165051)
Member of <b>International Academy for Science &amp; Technology Education and Research</b> (Membership ID: 16010025)

### Publication Details

#### CONFERENCES:

- A paper titled “Performance Evaluation criteria of various controller for a Heat Process” at the INTERNATIONAL CONFERENCE ON RECENT INNOVATIONS IN ENGINEERING AND TECHNOLOGY -2015 (ICRIET’15)
- Participated in Video and Signal processing session of INTERNATIONAL CONFERENCE ON PATTERN RECOGNITION AND MULTI SIGNAL PROCESSING (ICPRMSP’15).
- Presented a paper titled “Performance Evaluation criteria of various controller for a Shell and Tube Heat Exchanger System” at INTERNATIONAL CONFERENCE ON ADVANCE RESEARCH AND INNOVATION IN ENGINEERING, SCIENCE, TECHNOLOGY AND MANAGEMENT (ICARSM’15).

- Presented a paper titled “Implementation and Evaluation of different controllers for an Exchanger System” at NATIONAL CONFERENCE ON EMERGING TRENDS IN ELECTRONICS, INSTRUMENTATION AND CONTROL (EtEIC’15).

### **JOURNALS:**

- Published a paper titled “Mix-Voltage Operation in Single Input Dual Output Buck Converter” in Journal of Chengdu University of Technology, UGC Care (Group II) Approved Journal, Volume 26, Issue 7, July 2021.
- Published a paper titled “Safety System for Manhole and Sewage Worker Using IoT” in Journal of Composition Theory (UGC certified Journal), Volume 14, Issue 3, March 2021.
- Published a paper titled “ADVANCED SECURITY SYSTEM USING RASPBERRY Pi at International Journal for Research and Development in Technology, Volume 13, Issue 2, Feb 2020.
- Published a paper titled “ADVANCED RAILWAY GATE Security SYSTEM” at the International Journal of Research in Engineering, Science and Management (IJRESM), Volume 2, Issue 3, March 2019.
- Published a paper titled “IOT based health monitoring and safety BOT” at the International Journal of Engineering Science and Computing (IJESC), Volume 8, Issue 3, March 2018.
- Published a paper titled “Health monitoring and safety BOT based on IOT” at the International Journal for Research and Development in Technology (IJRDT), Volume 9, Issue 3, March 2018.
- Published a paper titled “Navigation using iBeacon” at the International Journal of Engineering Science and Computing (IJESC), Volume 7, Issue 3, March 2017.
- Published a paper titled “Raspberry Pi and Image Processing based Electronic Voting Machine (EVM)” at the International Journal for Research in Applied Science and Engineering Technology (IJRASET), Volume 4, Issue 5, May 2016.
- Published a paper titled “Halbach Array Arrangement of Magnets for Energy Harvesting by Vibration” at the International Journal of Science and Research (IJSR), Volume 4 Issue 4, April 2015.
- Published a paper titled “Artificial hand for disabled using Eye ball movement” at the International Advanced Research Journal in Science, Engineering and Technology (IARJSET), Volume 2, Issue 4, April 2015.

### **Other Details**

<b>No. of STTP/SDP coordinated:</b>	<b>01</b>
<b>No. of FDP coordinated:</b>	<b>01</b>
<b>No. of Workshop coordinated:</b>	<b>01</b>
<b>No. of Guest Lecture Coordinated:</b>	<b>02</b>
<b>No of FDP’s attended:</b>	<b>20</b>
<b>No of Webinar’s attended:</b>	<b>24</b>
<b>No of Projects Guided:</b>	<b>08</b>
<b>No of NITTT Modules Completed:</b>	<b>08</b>
<b>No of UHV Program levels completed:</b>	<b>02</b>
<b>No of NPTEL Courses completed:</b>	<b>07</b>

**Academic Achievements:**

- Produced 100% results in EI6003 Instrumentation in Petrochemical Industries during Academic year 2018-19.
- Produced 100% results in EI8691 Computer Control of Process during Academic year 2019-20.
- Produced 100% results in EI8552 Industrial Instrumentation - II during Academic year 2020-21.
- Produced 100% results in EI8075 Fibre Optics and Laser Instrumentation during Academic year 2020-21.

**Events Coordinated:**

- Serving as a Department Coordinator for Paarivendhar Tamizh Mandram from 2015 to till date.
- CoCordinated the National level Technical Symposium Orkestrim 2K16.
- CoCordinated the Entrepreneurship Awareness Camp during the academic years 2017-18 and 2019-20.
- Coordinator of Motivational Talk Session during Bridge Course each semester.

**Other Achievements:**

- Mentored students team “CARBO” and participated in Smart India Hackathon 2019 Program at Gazhiabad, New Delhi.
- Written technical articles in College Tamizh Magazine “Poriyari”