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

Name :	B.PARAMESWARAN
Designation :	Assistant Professor (Ordinary Grade)
Educational Qualification :	M.E
Experience:	13 Years 6 Months
Area of Specialization :	Process Control, Programmable Logic Controller, Power Electronics
Date of Joining :	20.06.2016
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Educational Details

S.No	Degree	Branch/Specialization	Institution / University	Year
1	B.E.	Electronics & Instrumentation Engg	Kamaraj College of Engg & Technology / Anna University, Chennai	2008
2	M.E.	Power Electronics & Drives (Part Time)	MEPCO Schlenk Engineering College / Anna University, Chennai	2012

Professional Society Memberships

ISTE- Life Membership- LM 59473
Indian Science Congress Association (ISCA)

Publication Details

Journal:

- **Parameswaran. B**, Abdul Hakkim Rabbani. A.S, Abdur Rasik. T. K. M, Karthikeyan. A. K, Keerthi. J published paper titled "Automated IoT Based Indoor Irrigatio" at International Journal of Scientific Research in Science, Engineering and Technology Vol: 6, Iss: 2 , March- April 2019.

- T S Praveen,C Pravin Kumar,S.K Sabare Hare,S.K Sangaiya Gurunathan, **B.Parameswaran** published paper titled "Advanced flood level monitoring and alerting system" at International Research Journal of Engineering and Technology (IRJET), Volume: 07 ,Issue: 02, Feb 2020.

- **B. Parameswaran,** Bharadwaj.S.B, Denald Maria Koilraj.W & Jawahal.T published paper titled "Crowd Detection for Social Distancing and Safety Violation Alert based on Image Processing" at JAC: A Journal of Composition Theory, Volume XIV, Issue IV, APRIL 2021.

- **B.Parameswaran** & C.Praveen Kumar published paper titled "Mix-Voltage Operation in Single Input Dual Output Buck Converter" at Journal of Chengdu University of Technology (Science and Technology Edition), VOLUME 26, ISSUE 7 August 2021.

Conferences:

- Published paper in "International Conference on Modeling Optimization And Computing" *(ICMOC 2012)*, organized by Noorul Islam University, Kumaracoil-629180 during 10 & 11 April 2012 at Nagercoil, Tamilnadu.

- Presented paper in the National Conference on Emerging Technologies MKCE- CONFLUENCE'12

at M.Kumarasmy College of engineering on 25.02.12.
- Participated in Two Day National Conference on "Intelligent Computing and Automation (INSTRUVISION'15) organized by Department of EIE in KCET from 27-28.03.2015.
- Presented paper in National Conference on Recent Trends in EECE- 18 organized by Department of ECE in SMK Fomra Institute of Technology, on 3rd March 2018.

Other Particulars

No. of Guest Lecture delivered:	4
No. of Programme acted as Resource Person:	2
No of Workshop/STTP Coordinated:	2
No of Project Expo/Mini Project Expo Organized :	3

Workshop
- Attended workshop on "Know Your Instruments" on 05th December 2008 at Velammal college of Engg & Tech, Madurai.
- Two days National level workshop on Industrial Automation Using PLC and HMI at PSG College of Technology, Coimbatore during 12-13th September 2014.
- Attended one day online workshop on" Robotics in rural and Artificial Intelligence in industry" conducted by Chennai Institute of Technology on 23-12-2020

Webinar
- Participated in Webinar on "Robotics & its future" conducted by the Department of Electronics & Instrumentation Engineering in association with SakRobotix Lab Pvt. Ltd, IIT Bhubaneswar on 29th June 2020.
- Participated in Webinar on "Recent Advancements in Transport and Traffic safety" conducted by Chennai Institute of Technology on 21.07.2020.
- Participated in Webinar on "Future Job Perspectives and How to Grab the opportunities" conducted by Chennai Institute of Technology on 04.08.2020.
- Participated in Webinar on "Skill Development for India's Future" conducted by Chennai Institute of Technology on 05.08.2020.
- Participated in Webinar on "Beacons and Wearable Technology in Internet of Things" conducted by Chennai Institute of Technology on 07.08.2020.
- Attended Webinar on "Evolving as a Healthy Engineer" organized by Sri Eshwar College of Engineering, Coimbatore on 07.08.2020.
- Attended Webinar on "Future of Robotics & AI" organized by the Department of Computer Science and Engineering, Francis Xavier Engineering College, in association with computer society of India on 11.08.2020.
- Attended Webinar on "Smart Sensors & IoT Application" organized by Department of Biomedical Engineering and Department of Electronics and Instrumentation Engineering SNS College of Technology, Coimbatore on 14.08.2020.
- Participated in One day Online Webinar on "Computers in the Textile Industry" during on 15.08.2020 Organised by Department of Chemistry, SNS College of Technology, Coimbatore.
- Participated in the National Webinar on "ARTIFICIAL INTELLIGENCE-AN OVERVIEW" organized by the Department of Computer Science, of K.R. COLLEGE OF ARTS & SCIENCE, KOVILPATTI on 17th AUGUST 2020
- Participated in the International Webinar on "Biomass & the Conversion Technology" conducted by Department of Mechatronics, SNS College of Technology, Coimbatore on 21.08.2020.
- Attended Webinar on "Impact of Engineering and Electronics in Healthcare Industry" organized by Sri Eshwar College of Engineering, Coimbatore on 21.08.2020.

- Participated in the International Webinar on "Role of Industrial Robot in Smart Factories" conducted by Department of Mechatronics, SNS College of Technology, Coimbatore on 22.08.2020.
- Attended Webinar on "A Journey of an Entrepreneur" organized by Sri Eshwar College of Engineering, Coimbatore on 28.08.2020
- Attended Webinar on "Knowledge Engineering in Artificial Intelligence" organized by Department of Computer Science, ST.Antony's College of Arts and Sciences for Women, Thamaraipadi, Dindigul on 7th September 2020.
- Participated in virtual webinar on "Future of Robotics – Industry 4.0" Organized by Solamalai College of Engineering on 16.10.2020.
- Attended online Webinar on titled "Emerging Trends in E-Healthcare Systems "on 21st October 2020 Conducted by SNS COLLEGE OF TECHNOLOGY, Coimbatore.

Seminar
- Attended Seminar on Research Issues in Process Automation & Bio Medical Instrumentation in Kalasalingam University on 06.04.13.
- Attended TEQIP-III sponsored One Day Seminar on "Emerging Software Tools and Trends For Industrial Applications" organized by Coimbatore Institute Technology, Coimbatore on 08.08.2020

Faculty Development Programme
- Undergone a Personality Development Program to improve the self-ability conducted by Mafoi Academy at Kamaraj College of Engineering & Technology on 23rd June 2009 & 26th June 2009.
- Attended a Faculty Development Program on PLC and SCADA – held in Sethu Institute of Technology, Kariapatti (29/12/2009 – 30/12/2009).
- Attended Faculty Development Programme on Graphical Programming using LabVIEW in Kamaraj College of Engineering & Technology on 10th & 11th January 2011.
- Attended FDP on Automation Engineering conducted by ICT Academy of Tamilnadu in association with NI at Noorul Islam Centre For Higher Education on 13-15.12.11.
- Attended CLHRD on 'FEEL Teacher' in Kamaraj College of Engineering & Technology on 8, 9,10.07.13.
- Attended FDP on 'Engineering Solutions- Measurement Analysis & Control' in Kamaraj College of Engineering & Technology from 12-15.05.2014.
- Attended AICTE Sponsored FDP on "Emerging Trends and Advances in Programmable Automation Controllers" from 20.04.15 to 3.05.15 at Kongu Engineering College, Erode.
- Attended Faculty Development Programme on EE6303- Linear Integrated Circuits and Applications- jointly conducted by Department of EIE and EEE on 27th and 28th June 2016 in Valliammai Engineering College
- Attended Faculty Development Programme on EE6007- Micro Electro Mechanical System- conducted by Department of EEE on 2nd and 3rd May 2017 in Valliammai Engineering College.
- Attended Faculty Development Programme on EC6601- VLSI Design- conducted by Department of EIE on 1st and 2nd June 2017 in Valliammai Engineering College.
- Attended Faculty Development Programme on EE6503- Power Electronics - conducted by Department of EIE on 5th and 6th June 2017 in Valliammai Engineering College.
- Attended Faculty Development Programme on EI6602- Process Control- conducted by Department of EIE on 16th and 17th November 2017 in Valliammai Engineering College.
- Attended Faculty Development Programme on EI6801- Computer Control of Process- conducted by Department of EIE on 21st and 22nd November 2017 in Valliammai Engineering College.
- Attended SIX Day Faculty Development Programme on Control of Processes and the Concepts of Electrical machines" conducted by Department of EIE from 12th November 2018 to 17th November 2018 in Valliammai Engineering College.
- Participated in Five Day Faculty Development Programme on Electron Devices, Microprocessors & Digital Image Processing has been organised by the Department of Electronics & Instrumentation Engineering between 11.05.2020 and 15.05.2020.

- Participated in AICTE Sponsored One Week Online Short Term Training Programme on Automotive Embedded Systems using IoT 24.08.2020 to 29.08.2020 organized by Department of EEE, Sri Krishna College of Engineering and Technology, Coimbatore.
- Participated in AICTE sponsored one week online Short Term Training Programme (STTP) on "IoT for Healthcare" from 07.09.2020 to 12.09.2020 organised by Department of Electronics and Instrumentation Engineering, Dr.Mahalingam college of Engineering and Technology, Pollachi, Tamilnadu.
- Participated & completed successfully AICTE Training and Learning (**ATAL**) Academy Online FIVE DAYS FDP on "Biomedical Instrumentation & IoT" from 2020-9-21 to 2020-9-25 at Sri Krishna College of Technology.
- Participated in the AICTE Sponsored Six days Online Short term Training program on "Electric Vehicle: Technologies, Challenges and Opportunities for Integration of Renewable Resources in India" organized by the Department of Electronics and Instrumentation Engineering, R.M.K.Engineering College during 2nd November 2020 to 7th November 2020.
- Participated & completed successfully AICTE Training And Learning (**ATAL**) Academy Online FIVE DAYS FDP on "Augmented Reality (AR)/ Virtual Reality (VR)" from 2020-12-15 to 2020-12-19 at Dr. Mahalingam College of Engineering and Technology.

Course
- Studied PLC Course conducted by Continuing Education Cell of V.S.V.N Polytechnic College in association with State Project Co-Ordination Unit, Guindy, Chennai from 7.08.2006 to 19.09.2006.
- Completed NPTEL online Certification Course on INDUSTRIAL AUTOMATION AND CONTROL in April 2016.
- Completed NPTEL online Certification Course on BASIC ELECTRONICS during Jan- April 2017.
- Studied NPTEL online Certification Course on INDUSTRIAL INSTRUMENTATION in October 2017.
- Completed OPEN2STUDY online Certification Course on MOBILE ROBOTICS in December 2017.
- Completed OPEN2STUDY online Certification Course on Teaching Adult Learners in 13th November 2018.
- Completed NPTEL online Certification Course on Effective Engineering Teaching In Practice in April 2019.