



# SRM Valliammai Engineering College

(An Autonomous Institution)

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

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

## Department of Electrical and Electronics Engineering

### Personal Details

Name :	Bency. P		
Designation :	Assistant Professor		
Educational Qualification :	M.E.		
Experience:	6 years 9 months		
Area of Specialization :	Power Electronics and Drives		
Date of Joining :	17/06/2013		
Email ID :	bencyp.eee@valliammai.co.in; bencyrose510@gmail.com		
Contact Numbers :	9943128902	Extn:	

### Educational Details

S.No	Degree	Branch/Specialization	Institution / University	Year
1	B.E	EEE	St.Peter's Engineering college	2010
2	M.E	Power Electronics & Drives	Ponjesly College Of Engineering	2012

### Professional Society Memberships

1. Indian Society of Technical Education: Life Member
2. Indian Association of Engineers: Life Member
3. Indian Association of Computer Science and Information Technology: Life Member
4. The Indian Science Congress Association: Annual Member

### Publication Details

#### Journals:

1. Aro Franklin.L, Dharun.R, Jaya Prassath.A, Manimaran.D and Bency.P, "IOT Based Monitoring and Controlling of Smart Speaking Energy Meter and Current Theft Detection using Raspberry pi 3", International Research Journal of Engineering & Technology, Vol. 6, No. 3, pp. 1975-1977, March 2019.
2. Devi. K, Bhuvaneshwari. A, Balaraman Sathish Kumar, Arun. R and Bency. P, "Enhancement of Power Efficiency of Grid Connected PV System by Characterizing Shading Losses using Fuzzy", IJSRD - International Journal for Scientific Research & Development, Vol.6, No.01, pp.1301-1304, March-2018.
3. Renuka.N and Bency.P. "Incorporating Bidirectional Synchronous-VSC To Enable DC-Link Voltage Regulation With SFCL And Bypassing Circuit." International Journal for Research in Applied Science & Engineering Technology, Volume 4 Issue II, February 2016 pp.555-561.
4. Renuka.N and Bency.P. "Incorporating Overcurrent and Overflux Protection for Transformer using Different Time Characteristics." International Journal for Scientific Research and Development, Vol.4, Issue 3, 2016: pp.6-9.

### Other Particulars

#### Events organized:

1. SDP on "Erection of Solar Power Plant"- Coordinator, dated 30.04.2019.
2. SDP on "Hands on Training on LED Fabrication"- Coordinator, dated 30.11.2018.
3. SDP on "Inspecting, Testing, Tagging and Repairing of Electrical Equipment" – Coordinator, dated 02.05.2018.

4. Workshop on “Various Power Quality Issues in Electrical System” – Coordinator, dated 10.08.2016.
5. Guest lecture On “Supervisory Control and DAS” – Coordinator, dated 10.09.2015.
6. Workshop on “VHDL-Very High Speed Integrated Circuit Hardware Description Language” – Coordinator, dated 19.09.2014.
7. STTP on “Power Systems Operation and Control”-Stage Arrangement Committee, dated from 12.05.2014 to 17.05.2014.
8. FDTP on “Power System Analysis”- Registration, Feedback and Attendance Maintaining Committee, dated from 09.12.2013 to 16.12.2013.

**Lecture Delivered:**

1. Delivered lecture in FDP on “EE6404-Measurements and Instrumentation” in SRM Valliammai Engineering College, dated from 29.12.2015 and 30.12.2015.

**Events Attended:**

1. FDP on “CS6456 - Object Oriented Programming” in SRM Valliammai Engineering College, Nov 2017.
2. FDP on “EE6009-Power Electronics for Renewable Energy Systems” in SRM Valliammai Engineering College, Nov 2017.
3. FDP on “EE6302-Electromagnetic Theory” in SRM Valliammai Engineering College, April 2017.
4. Delivered lecture in FDP on “IC6501-Control systems” in SRM Valliammai Engineering College, Jun 2016.
5. FDP on “EE6303-Linear Integrated Circuits and Applications” in SRM Valliammai Engineering College, Jun 2016.
6. FDP on “EE6403-Discrete Time Systems and Signal Processing” in SRM Valliammai Engineering College, Jan 2016.
7. FDP on “EC6405- Control System Engineering.” in RRASE College of Engineering, December 2014.
8. FDP on “Electromagnetic Theory” in St. Xavier’s Catholic College of Engineering, June 2014.

**P.G. Projects Guided:**

1. Incorporating Bidirectional Synchronous-VSC to Enable DC-Link Voltage Regulation with SFCL and Bypassing Circuit, 2016.

**U.G Projects Guided:**

1. IOT Based Monitoring and Controlling of Smart Speaking Energy Meter and Current Theft Detection using Raspberry pi 3, 2019.
2. Enhancement of Power Efficiency of Grid Connected PV System by Characterizing Shading Losses using Fuzzy, 2018.
3. Dust Cleaning of the Solar Panel Using Wiper Roller, 2017.
4. Design of Control and Protection System of Wind Turbine, 2017.
5. Modular Resonant High Voltage DC-DC Converter for Offshore Wind Farms, 2016.
6. Power Quality Enhancement Using Multilevel Inverter Based IDVR In Distribution Network, 2015.
7. Self-Tuning Fuzzy PID Control of Induction Motor, 2015.
8. Automatic Switching of Consumers Connections For Improved Performance Of A Distribution Feeder, 2014

**Online Course Certification:**

1. NPTEL Course on ‘Stress Management’, September 2018.
2. NPTEL Course on ‘Developing soft skills and Personality’, September 2017.
3. Alison Course on ‘Using Whiteboards (1): SMART Technologies’.