

ARUN S MATHEW

arun.s.mathew83@lbscek.ac.in

Current Address

Dept. of Electrical and Electronics
L.B.S College of Engineering, Kasaragod
Kerala – 671542
Contact # : 9446588123

Permanent Address

Chanthiathil Angelines,
TC : 17/4152-1, GRA - 456
Gowreeshapattom, Pattom Palace p.o.,
Trivandrum, Kerala - 695004

OBJECTIVE:

To be acquainted with latest technology trends in the industrial power and automaton, to get a hand on experience with the various tools used in industrial electronics development and to actively contribute to the design and development activities in and around.

ACADEMIC DETAILS:

Degree	College	Pass out date	Percentage marks
Master of Technology - Industrial Power and Automation	NIT Calicut	2013	8.46 (CGPA)
Bachelor of Technology- Electrical and Electronics	RIT, Kottayam	May 2007	77%
Higher Secondary (Plus 2)-CBSE	MGM Residential Public School, Kottarakara	March 2001	66%
Secondary School Leaving Certificate (10 th)-CBSE	Thapovan Public School, Adoor	March 1999	78%

SKILL SET

- ✓ Knowledge in C, C++, Java.
- ✓ Familiar with MATLAB, SIMULINK, MiPower, ETap, DSP Programming with Code Composer Studio.

PUBLICATIONS

- ✓ "MATHEMATICAL MODELLING OF AN ARC AND ITS RADIAL TEMPERATURE DISTRIBUTION IN DIFFERENT MEDIUMS", National Conference on ADVANCED TRENDS IN ENGINEERING AND TECHNOLOGY, Nov 2012 at Vimal Jyothi Engineering College, Kannur, Kerala. Published in journal ISBN 978-93-82338-24-6
- ✓ "MPPT ENABLED MICROINVERTER EMPLOYING ZETA CONVERTER OF HIGHER VOLTAGE GAIN", 15TH National Conference on Technological Trends, August 2014 at College of Engineering Trivandrum.
- ✓ Reshma B R, Arun S Mathew, 2015, Gain Scheduling Implementation in DC/DC Buck Converter using PID Controller, INTERNATIONAL JOURNAL OF ENGINEERING RESEARCH & TECHNOLOGY (IJERT) Volume 04, Issue 07 (July 2015),
<http://dx.doi.org/10.17577/IJERTV4IS070656>

- ✓ Rini George, Arun. S. Mathew, 2015, Speed Control of PMSM using Backstepping Method, INTERNATIONAL JOURNAL OF ENGINEERING RESEARCH & TECHNOLOGY (IJERT) Volume 04, Issue 07 (July 2015), <http://dx.doi.org/10.17577/IJERTV4IS070503>
- ✓ Sameera R, Arun S Mathew, 2017, Comparison of Position Control of Ball and Beam System using Phase lead and PID Controller, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE), Volume 6, Issue 3, March 2017, doi>[10.15662/IJAREEIE.2017.0603163](https://doi.org/10.15662/IJAREEIE.2017.0603163)

PROJECTS & ACHIEVEMENTS:

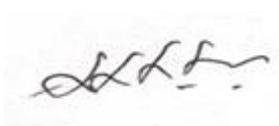
- ✓ B Tech Course Project :
Reliable Power System using PLC and SCADA.
- ✓ M Tech Mini Project: Sports Lighting Design: Basketball court, Volleyball court and Tennis court at NIT-Calicut.
- ✓ M Tech Main Project: Electric Arc Flash Analysis and Preventive Arc Flash Detection (***Applied for Patent through NIT Calicut and Kerala State Council for Science Technology and Environment (KSCSTE)***)
- ✓ Winner of ONGC Best Performer Scholarship (Rs. 60,000.00) during MTech-Industrial Power & Automation (2011-2013) at NIT Calicut.

TEACHING EXPERIENCE:

Institution	Position	Location	Period of Employment
Lourdes Matha College of Science and Technology, Thiruvananthapuram	Lecturer	Kuttichal Thiruvananthapuram, Kerala	Aug 2007 - July 2011
Mar Baselios College of Engineering & Technology, Thiruvananthapuram	Assistant Professor	Nalanchira, Thiruvananthapuram	Aug 2013- Jan 2018
L.B.S College of Engineering, Kasaragod	Assistant Professor	Povval, Muliya P.O. Kasaragod	Feb 2018- till date

Subjects Handled:

Basic Electrical Engineering, Electrical Workshop, Network Analysis and Synthesis, Electronic Instrumentation, Electrical Machines, Digital Signal Processing, Signals and Systems, Electromagnetic theory, Analog Electronic Circuits, Electric drives, Electrical Machines Lab, Electrical Machine Design, Electrical System Design, Power System and High Voltage Lab, Measurements and Instrumentation lab, Systems and Control lab and Digital Circuits and Embedded Systems lab.



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