

# Mr. E.A. MOHAMED ALI, M.E., (Ph.D)

Associate Professor



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<b>Academic Background:</b>	<b>B.E.</b> (Electrical and Electronics Engineering), from Manonmaniam Sundranar University, Tamilnadu in 2000 <b>M.E.</b> (Applied Electronics) from Madurai Kamaraj University, Tamilnadu in 2001 <b>Ph.D.</b> (Pursuing) in Anna University, Chennai, Tamilnadu
<b>Areas of interest:</b>	Control System, Microprocessor and Microcontroller, Digital Image Processing, Digital Signal Processing, Analog Electronics
<b>Subjects handled:</b>	Digital Control Engineering, Analog and Digital Communication, Communication Engineering, Microprocessor and its Applications, Advanced Microprocessor, Digital Image Processing, Solid State Relays, Linear Integrated Circuits, Electromagnetic Field Theory, Digital Signal Processing
<b>Software Proficiency:</b>	MATLAB, SciLab, Xilinx, Labview
<b>Experience:</b>	
<b>Academics: (12 Years 9 Months)</b>	
<b>June 2010 to Till date</b>	<b>Associate Professor</b> , Department of Electronics & Communication, Engineering, National College of Engineering, Tirunelveli <b>Other responsibilities:</b> <ul style="list-style-type: none"><li>• Department Exam Cell In-Charge</li><li>• Communication Lab In-Charge</li></ul>
<b>June 2007 to May 2010</b>	<b>Assistant Professor</b> , Department of Electronics & Communication, Engineering, National College of Engineering, Tirunelveli <b>Other responsibilities:</b> <ul style="list-style-type: none"><li>• Department ISO Coordinator</li></ul>
<b>August 2001 To May 2007</b>	<b>Lecturer</b> , Department of Electrical and Electronics Engineering, RVS College of Engineering and Technology, Dindigul. <b>Other responsibilities:</b> <ul style="list-style-type: none"><li>• Time Table In-Charge</li><li>• Electrical Machines Lab In-Charge</li></ul>

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<b>Professional Association Activities</b>	<ul style="list-style-type: none"> <li>• LMISTE,</li> <li>• Life Member of IETE,</li> <li>• IEEE Member.</li> </ul>
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<b>Publications:</b>	
<b>International Journals/ Conferences</b>	<ul style="list-style-type: none"> <li>• <b><u>E.A.Mohamed Ali</u></b> "Performance Analysis and Design of Energy Efficient Arithmetic Adder by PTL Technology", International Conference on innovative Trends in Computer &amp; Technology, The Rajaas Engineering College, Vadakkankulam, 7<sup>th</sup> and 8<sup>th</sup> March 2013.</li> <li>• <b><u>E.A.Mohamed Ali</u></b>, <i>A.Abudhahir</i> "A survey of the relevance of control systems for PEM Fuel Cells", ICCET ,NCE, March, 2011.</li> <li>• <i>K.Peer Mohamed</i>, <b><u>E.A.Mohamed Ali</u></b>, <i>I.Balakumar</i> "BFOA Based Tuning of PID Controller for a low frequency control in four area power system", in IJART, vol.2, Issue.3, 2012, page 133-138.</li> </ul>
<b>National Journals/ Conferences</b>	<ul style="list-style-type: none"> <li>• <b><u>E.A.Mohamed Ali</u></b> "Detection and Classification of Brain Tumour on PET image for Radio Surgical Applications", National Level Conference on Emerging Technique, PSR Engineering College, March 2014.</li> <li>• <b><u>E.A.Mohamed Ali</u></b> "Detection of Digital Image Forgeries for Forensic Applications", National Level Embedded Conference NEC'14, Department of EEE, Regional centre Anna University, Tirunelveli.</li> <li>• <b><u>E.A.Mohamed Ali</u></b> "Alternative Internal Logic and Pass Transistor Logic Design Of Energy Efficient Adder and its Application", national Conference on emerging trends in applied electronics, Chandy College of Engineering, Thoothukudi, 19<sup>th</sup> April 2013.</li> <li>• <b><u>E.A.Mohamed Ali</u></b> "Fuzzy based DC drive control analysis and simulation results", National Level Conference on Recent trends in VLSI, Signal processing, Communication &amp; Embedded technology, RVS college of Engineering and Technology, Dindigul, 7th April 2007.</li> </ul>
<b>Conferences/Seminars/ Workshops participated</b>	<ul style="list-style-type: none"> <li>• One Week ISTE Workshop for Coordinators on the topic "Analog Electronics" conducted under NMEICT by MHRD, at IIT Kharagpur during 1<sup>st</sup>-5<sup>th</sup> April, 2013.</li> <li>• Two-day ISTE Workshop on "Aakash for Education", conducted by IITB on 10<sup>th</sup> &amp; 11<sup>th</sup> November, 2012</li> <li>• Two-week ISTE Workshop on "Introduction to Research Methodologies" conducted by IITB from 25<sup>th</sup> June to 4<sup>th</sup> July, 2012.</li> </ul>

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	<ul style="list-style-type: none"> <li>• ISTE Sponsored Five Days Workshop on “Mission 10X” conducted by Wipro Tech at NCE from 13<sup>th</sup> February to 17<sup>th</sup> February 2012.</li> <li>• one day workshop on “Fuzzy logic and its Application” at PSN Engineering College on October 2010.</li> <li>• Two week FDP on “IC1251-Control Systems”, RVS College of Engineering and Technology, Dindigul, 5<sup>th</sup> December-17<sup>th</sup> December, 2006</li> <li>• One Week ISTE Workshop on “Simulation, Analysis and Design of Power Electronic Systems” at Amrita Institute of Technology , Coimbatore during 19 to 25 May 2004.</li> </ul>
<b>Events Organized/ Conducted</b>	<ul style="list-style-type: none"> <li>• Coordinators for Ten Days ISTE Workshop on the topic “Analog Electronics” conducted under NMEICT by MHRD, at IIT Kharagpur ,2013.</li> <li>• IETE Student chapter, One day seminar on Recent“ trends in VLSI technologies”, August, 2010</li> <li>• One day National Level Technical Symposium “WHIMSICAL 2K11” September, 2011.</li> </ul>
<b>Achievements</b>	<ul style="list-style-type: none"> <li>• Received the “<b>Certificate</b> for outstanding <b>of Excellence</b> performance during academic year 2010-2011.</li> <li>• Best paper award for the paper “<b>Detection of Digital Image Forgeries for Forensic Applications</b>”, National Level Embedded Conference NEC’14, Department of EEE, Regional centre Anna University, Tirunelveli.</li> </ul>

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