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## ACADEMIC BACKGROUND

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- ❖ Pursuing (Ph.D) part time, Anna university ,Chennai(2014 JULY Batch)
- ❖ M.E (Communication Systems) Sona College of Technology,(Autonomous)Salem. (2010-2012)- Attained First class with Distinction 8.82 CGPA
- ❖ MBA (Information Systems), TNOU University, Chennai. (2008-2010) - Attained first class with 73%
- ❖ B.E., (Electronics & communication Engineering) Sona College of Technology, Salem. (2003-2006) -Attained First class with 71%
- ❖ Diploma in (Electrical & Electronics Engineering) The Salem polytechnic college, Salem.(2000-2003) -Attained First class with honors 86.4%

## ACADEMIC AND INDUSTRIAL EXPERIENCE

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### PREVIOUS WORK PROFILE:

Designation	:	Research Assistant
Organization	:	Sona College of Technology, Salem
Duration	:	From 01.08.2007 to 05.08.2010 date (3 Years)

### CURRENT WORK PROFILE:

Designation	:	Assistant Professor
Additional In charges	:	LAB In charge, NAAC & NBA Coordinator for Dept.,
Organization	:	Dhirajlal Gandhi College of Technology
Duration	:	From 02.07.2012 to Till date (4 + Years)

## RESPONSIBILITIES HELD:

- Class Advisor (2012-2015)
- Lab In charge
- Placement Coordinator (2015 -2016)
- Contest Coordinator (IETE, EMPEZAR, TECHFEST and ABIGNYAN)
- Course Instructor for LabVIEW- VAP
- Module Coordinator (ANALOG ELECTRONCS) (2015-2016)

## SKILL SETS

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- ❖ NI Software : Lab view 2014 Multisim 12.0 &
- ❖ CADENCE tool : Orcad
- ❖ Embedded Platform : Arduino UNO ,TI MSP430 &5529

## PROJECT DETAILS

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- ❖ In PG : Energy Efficient Clustering Protocol for Multi Radio Mobile Networks
- ❖ In UG : Wireless control of Robot with LPG gas detection
- ❖ Diploma : Temperature controller of DC Motor using thermostat

## CERTIFIED COURSES:

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- ❖ Certified a Course under IUCEE in “**Publishing and Reviewing Papers in Engineering Education**”
- ❖ National Instruments **CERTIFIED Lab VIEW Associate Developer – CLAD**
- ❖ Certified Microsoft Technology Associate for DBA fundamentals -MTA
- ❖ **Computer Hardware servicing and Maintenance by DOTE.**
- ❖ **PCB Designing by DOTE.**
- ❖ **System Networking and Administration by DOTE.**
- ❖ **C certified Language by CSC Education.**
- ❖ **Diploma in Modern Spoken English Language by Cambridge Institute.**

## Membership In profession Bodies

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- ❖ IAENG – International Association of Engineers (Membership No: 158351)

## AREA OF INTERESET

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- ❖ Analog Electronics
- ❖ Wireless Networks
- ❖ Internet of Things
- ❖ Ad HoC and Sensor Networks
- ❖ Wearable Computing
- ❖ Mobile Computing

## INTERNATIONAL AND NATIONAL CONFERENCES

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- ❖ Participated in Fourth International Conference on Transforming In Engineering Education held during January 6-8, 2017 at Vardhaman College of Engineering, ICTIEE 2017 Hyderabad, as a Delegate.
- ❖ Presented A paper *“A revie of Key Management Technique for MANET “in* first national conference NCETCS-2016 emerging trends in communication systems at Dhirajlal Gandhi College of Technology, Salem. **During April 2016**
- ❖ Presented a paper titled *“Multi radio Clustering protocol for mobile networks”* in fourth *IEEE international conference* on information communication and embedded systems ICICES2014 organized by S.A Engineering college, Chennai during 27<sup>th</sup> and 28th 2014. And it is published in IEEE xplorer ISBN No: 978-1-4799-3834-6
- ❖ Presented A paper *“Evaluating the network performance of IPv6 and IPv4 Network “*in second national conference ETCAN-2013 emerging trends on communication and networking at konguNadu College of Engineering and Technology, Trichy. **During March 2013**
- ❖ Presented A Paper *“Energy Efficient Clustering Protocol For Multi Radio Mobile Networks”* In Fifth National Conference On Recent Trends In Information And

## **ACADEMIC ACHIEVEMENTS/AWARDS**

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- ❖ Received **Appreciation award** for valuable contribution in **reviewing papers for ICTIEE 2017** International conference was held at Vardhaman Engineering College, Hyderabad on 4.2.2017
- ❖ Won **Best Project Award** in **STATE level Category** for mentoring the project in **ESIC 2017** organized by **ISSRD** - International Society for Scientific Research and Development during -2017.
- ❖ Won **two Best POSTER Award** in **STATE level Category** for mentoring the project in **ESIC 2017** organized by **ISSRD** - International Society for Scientific Research and Development during -2017.
- ❖ **Appreciation Award** Received as Mentored in “**Texas Instruments Innovation Challenge India Design Contest- 2015.**”
- ❖ Received **Certificate of Appreciation** in **NIDays 2015** for being part of the **NIDays Event** held on 19<sup>th</sup> November 2015 at Leela Palace Bangalore.
- ❖ Won **Best Project Award** in **District level Category** for the contribution of **project in ISSRD** - International Society for Scientific Research and Development during -2014
- ❖ **Awards Received for hundred percentage results** in two subjects during the academic year 2015-2016

## **FDP/SEMINARS/WORKSHOP ATTENDED**

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- ❖ Participated in Two days workshop on “**Security challenges in networking**” conducted by department of ECE, PSG College of technology, Coimbatore on 4<sup>th</sup> and 5<sup>th</sup> March 2011.
- ❖ Participated in one day **ISTE** sponsored workshop on “**Network Simulator 2**” organized by department of MCA, at Sona College of technology, Salem on 12<sup>th</sup> Oct 2011.
- ❖ Participated in Two days workshop on “**Simulation of Advanced Networks Using NS-2(WSAN’12)**” conducted by department of IT, Anna University, MIT campus, Chennai on 6<sup>th</sup> and 7<sup>th</sup> January 2012.
- ❖ Participated in Two days workshop on “**Lab View**” organized by department of ECE-PG, at Sona College of technology, Salem on May 2012.
- ❖ Attend **ISTE** workshop on **ANALOG ELECTRONICS** conducted by IIT Kharagpur from 4<sup>th</sup> June to 14<sup>th</sup> June 2013, held under National mission on education through ICT
- ❖ Attend a one day seminar based on “**Matlab & Simulink**” for Engineering Education in Coimbatore on 6<sup>th</sup> March 2013

- ❖ Attended DRDO sponsored two days national seminar on **Recent Trends and Research Issues in Intelligent optical networks organized** by DGCT on 18<sup>th</sup> & 19<sup>th</sup> October 2013.
- ❖ Participated one day national level workshop on **“Modeling simulation of circuit using OrCAD in PCB design applications”** organized by Knowledge institute of Technology, in association with FDT automation Bangalore on 7<sup>th</sup> February 2014.
- ❖ Participated 2 days faculty development program on Texas Instruments Analog system design, **Embedded system using MSP430** conducted by TI Bangalore and Steps Knowledge Coimbatore during 8<sup>th</sup> & 9<sup>th</sup> May 2014 at DGCT.
- ❖ Attended pedagogical training program on **“Effective teaching Methodologies”** organized by DGCT on 6<sup>th</sup> November 2014.
- ❖ Participated one day workshop on **“Research Methodology”** held on 16<sup>th</sup> December 2014 at Anna University Chennai.
- ❖ Participated FDP on **“Personal effectiveness to Organisational Excellence”** organized by CII-Education & Skill panel and KBSS held on 23<sup>rd</sup> January 2015 at knowledge business school.
- ❖ Attended one day workshop on **“Advanced Design System”** organized by the department of ECE, DGCT on 7<sup>th</sup> February 2015
- ❖ Attended four days workshop on national Instruments **“LabVIEW core1 & Core2”** course on 9<sup>th</sup> & 10<sup>th</sup>, 16<sup>th</sup> & 17<sup>th</sup> February 2015 at DGCT
- ❖ Attended Five days hands on **training on LabVIEW core 1 & Corre 2** program from June 1<sup>st</sup> to June 5<sup>th</sup> 2015 at National Instruments, Bangalore
- ❖ Participated Didactic Seminar on Cadence Orcad PSPICE and ORCAD PCB on July 31<sup>st</sup> 2015 at BMS college of Engineering, Bangalore
- ❖ Participated **“ One day Faculty development Programme on Network Simulator -2”** organized by LIVEWIRE, Salem on 1<sup>st</sup> November 2015
- ❖ Participated in One Day faculty Development Programme on IBM Bluemix- platform as a Service” held on 15<sup>th</sup> December 2015, Organized by Sona IBM Centre in Collaboration with IBM Academic Initiative, Bangalore.
- ❖ Attended three days IEW -2016 India Electronics Week expo organized by EFY forum during January 11<sup>th</sup> to 13<sup>th</sup> of 2016 at BIEC Centre, Bangalore
- ❖ Attended IESA Vision Summit 2016 2016 at leela palace Bangalore during February 4<sup>th</sup> 2016
- ❖ Participated three days faculty development program on **“Do Engineering Using NI Graphical System Design”** conducted by ICT Acedemy of Tamilnadu from 25<sup>th</sup> to 27<sup>th</sup> February 2016 at Vivekanandha Institute of Engineering & Technology for Women, namkkal.
- ❖ Attended **“ Hands on Training on LabVIEW Core1 & Core 2”** from 23<sup>rd</sup> may to 27<sup>th</sup> may 2016 Conducted by National Instruments India.

- ❖ Attended three days FDP program on “ **Demystifying Electronic System Level Design an Engineering**” from June 16<sup>th</sup> to 18<sup>th</sup> ,2016 at DGCT organized and conducted by Competency in ICET, Pedagogy Solutions Engineering, Bangalore
- ❖ Participated in one day Workshop on “**NPTEL courses**” conducted at IIT Madras on July 2<sup>nd</sup> 2016 at Chennai.

### **FDP/SEMINARS/WORKSHOP ORGANIZED**

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- ❖ Organized two days workshop on “**Alternative Energy Sources**” in association with Roboversity, Skyfi Education Labs Pvt. Ltd. on 27th and 28th September, 2013
- ❖ Organized One day’s workshop on “**Advanced Design System**” in association with Sintech Technologies coimbatore. on 7<sup>th</sup> February , 2015
- ❖ Organized one day workshop on **Lab VIEW fundamentals** on 28<sup>th</sup> August 2016 at DGCT

### **EVENTS /CONTEST ORGANIZED**

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- **Organized Circuit Debugging contest** for the past **three** years under IETE, EMPEZAR and Symposiums in our college, which motivate students who are studying core branches to enhance their skills in the field of Electronics.

### **INDUSTRIAL VISIT/EXPO VISIT**

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- ❖ **KNIT EXPO, Tirupur (2016)**
- ❖ **EFY EXPO, BIEW Bengaluru (2016)**
- ❖ Nation Instruments Bangalore
- ❖ JVS Electronics Pvt Ltd Bangalore
- ❖ BSNL, Salem
- ❖ Salem Steel Plant(SAIL)
- ❖ Nokia & Siemens Networks Solutions Pvt Ltd, Chennai
- ❖ SITECH Inida Pvt Ltd, Bangalore.
- ❖ India Cements during the year of 2016
- ❖ UTL Technologies, Bengaluru
- ❖ SEASON Electronics India Pvt Ltd., Bengaluru

### **COURSES TAUGHT - THEORY**

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- ❖ Electronics Circuits - I
  - 94 % during 2015-2016 with **A Feedback**
- ❖ Electronics Circuits - II

- 90 % consistently for the past four years **with A feedback**
- ❖ Television and Video Engineering
  - 100 % during 2014 -2015 **with A feedback**
- ❖ Measurements and Instrumentation
  - 100 % during 2015 -2016 **with A feedback**
- ❖ Computer Architecture
- ❖ Computer Networks
- ❖ High Performance Networks for PG

### **COURSES TAUGHT - LAB**

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- ❖ Electronics Circuits – I Lab for the past four years
- ❖ Circuits and Integrated Simulation Lab for the past four years

### **PROJECT GUIDANCE - UG/PG**

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- ❖ Wireless Water Level Indicator for Residential Buildings
- ❖ Portable Smart Phone Charger
  - Received Special Award in Engineers Day,2014
- ❖ **LIGHT FIDELITY – (SPEAK THROUGH LIGHT)**
  - Won best paper in National Conference
  - Won District Award in ISSRD, Year of 2014 and published in ISSRD Outlook Technical Education
- ❖ **COMMUNICATION THROUGH GLOWING HOTSPOT**
  - Received Participation award in TI Innovation Challenge 2015
- ❖ **HASSEL FREE PARKING**
  - Won Best Project Award in State level Category in ISSRD, Year of 2017
- ❖ **Sansfil Soil Bare-Bone surveillance System**
  - Won Best Poster Award in State Level Catrgory in ISSRD, Year of 2017
- ❖ **VI based Analogous Computation for Fabrics Using Arduino Mega**
  - Won Best Poster Award in State Level Catrgory in ISSRD, Year of 2017

