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ACADEMIC BACKGROUND

- ❖ M.E (Communication Systems) Sona College of Technology,(Autonomous)Salem.
(2010-2012)- Attained First class with Distinction 8.86 CGPA
- ❖ B.E., (Electronics & communication Engineering) Mahendra Engineering college ,
Salem. (2004-2008) -Attained First class with 74%

ACADEMIC AND INDUSTRIAL EXPERIENCE

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

SKILL SETS

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

PROJECT DETAILS

- In PG : Designing of Secure and Mobility IPv6 Network to Support VOIP
Services, In BSNL, RGM TTC, Chennai. (M.E)
- ❖ In UG : Biometric Based Voting System

CERTIFIED COURSES:

- ❖ 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

Membership In profession Bodies

- ❖ IAENG – International Association of Engineers (Membership No: 182203)

AREA OF INTERESET

- ❖ Digital Electronics
- ❖ Analog Electronics
- ❖ Wireless Networks
- ❖ Internet of Things
- ❖ IPv6

INTERNATIONAL AND NATIONAL CONFERENCES

- ❖ Presented A paper “*A review 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 27th 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 kongu Nadu College of Engineering and Technology, Trichy. **During March 2013**

- ❖ Presented A Paper titled *“Designing of secured Mobility IPv6 Network to support VOIP Services ”* In International Conference on Innovative and Information processing in Association with IEEE,CSI,ISTE & ICTACT on 29th March 2012 at Mahendra Engineering College, Salem

ACADEMIC ACHIEVEMENTS/AWARDS

- ❖ Won Best Project Award in STATE level Category for CO- 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.
- ❖ Awards Received for hundred percentage results in two subjects during the academic year 2015-2016

FDP/SEMINARS/WORKSHOP ORGAANIZED

- ❖ Coordinator for the PALS ECE Meeting during 2016
- ❖ Coordinator for the PALS Campus Lecture on 05.1.2017
- ❖ Coordinator for Programme for PINK Ribbon - ADITI , an Awareness Programme on Breast Cancer on 7.2.2017
- ❖ Organized Towards creative Programming for the first year students during 2016
- ❖ Organized Three days BSNL training Progrmme during 2016
- ❖ Organized one day workshop on Lab VIEW fundamentals on 28th August 2016 at DGCT
- ❖ Organized 7 days faculty development programme on Optical Communication & Networks at our campus from 23rd to 29th June 2014.
- ❖ Organized two days workshop on “Alternative Energy Sources” in association with Roboversity, Skyfi Education Labs Pvt. Ltd. on 27th and 28th September, 2013

EVENTS /CONTEST ORGANIZED

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

FDP/SEMINARS/WORKSHOP ATTENDED

- ❖ Participated in one day ISTE sponsored workshop on “Network Simulator 2” organized by department of MCA, at Sona College of technology, Salem on 12th 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 6th and 7th 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.
- ❖ Participated in a seminar on **staff development programme** conducted by the **entrepreneurship development cell** on 12th February 2013 at Sona college of Technology, Salem.
- ❖ Attend ISTE workshop on *ANALOG ELECTRONICS* conducted by IIT Kharagpur from 4th June to 14th 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 6th March 2013
- ❖ Attended DRDO sponsored two days national seminar on **Recent Trends and Research Issues in Intelligent optical networks** organized by DGCT on 18th & 19th October 2013.
- ❖ 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 8th & 9th May 2014 at DGCT.
- ❖ Participated in 7 days faculty development programme on Optical Communication & Networks at our campus from 23rd to 29th June 2014.
- ❖ Attended pedagogical training program on “**Effective teaching Methodologies**” organized by DGCT on 6th November 2014.
- ❖ Attended one day workshop on “**Advanced Design System**” organized by the department of ECE, DGCT on 7th February 2015
- ❖ Attended four days workshop on national Instruments “**LabVIEW core1 & Core2**” course on 9th & 10th, 16th & 17th February 2015 at DGCT
- ❖ Participated “ **One day Faculty development Programme on Network Simulator -2**” organized by LIVEWIRE, Salem on 1st November 2015
- ❖ Participated in One Day faculty Development Programme on IBM Bluemix- platform as a Service” held on 15th December 2015, Organized by Sona IBM Centre in Collaboration with IBM Academic Initiative, Bangalore.
- ❖ Participated three days faculty development program on “**Do Engineering Using NI Graphical System Design**” conducted by ICT Academy of Tamilnadu from 25th to 27th February 2016 at Vivekanandha Institute of Engineering & Technology for Women, namkkal.
- ❖ Attended “ **Hands on Training on LabVIEW Core1 & Core 2**” from 23rd May to 27th May 2016 Conducted by National Instruments India. Sri Sakthi Institute of Technology, Coimbatore.2016
- ❖ Attended three days fdp program on “ **Demystifying Electronic System Level Design an Engineering**” from June 16th to 18th, 2016 at DGCT organized and conducted by Competency in ICET, Pedagogy Solutions Engineering, Bangalore
- ❖ Participated in Trending Womens Fitness workshop on 9th April, 2016 at DGCT. Titled “Super body Super Brain Super You”.

INDUSTRIAL VISIT/EXPO VISIT

- ❖ KNIT EXPO, Tirupur (2016)
- ❖ JVS Electronics Pvt Ltd Bangalore
- ❖ BSNL, Salem
- ❖ Salem Steel Plant(SAIL)
- ❖ India Cements during the year of 2016
- ❖ UTL Technologies, Bengaluru

COURSES TAUGHT - Theory

- ❖ Digital Electronics
- ❖ Linear Integrated Circuits
- ❖ Digital Principles and System Design
- ❖ Electronic Devices
- ❖ Electronics Circuits - I
- ❖ Digital Communication
- ❖ Measurements and Instrumentation
- ❖ Computer Architecture
- ❖ Computer Networks
- ❖ Optical Communication Networks

COURSES TAUGHT - LAB

- ❖ Digital Electronics Lab for the Past four years
- ❖ Linear Integrated Circuits LAB for the Past four years
- ❖ Microwave and Optical Networks Lab during 2014-2015

PROJECT GUIDANCE - UG

- ❖ Zigbee Based wireless Notice Board during the year 2014-2015
 - Received Participation award in TI Contest during 2015
- ❖ IOT Based AUTOMATICO Menagiri
 - Selected for TI Contest for 2017
- ❖ Motion Detection sensor using LabVIEW
 - Received best project Award in project contest in LIVE WIRE 2016
- ❖ HASSEL FREE PARKING
 - Won Best Project Award in State level Category in ISSRD, Year of 2017