

ARPUTHARAJ .A

Professional address:

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Experience summary:

- ❖ 10+ Years of Experience as Assistant Professor , Department of **ELECTRONICS**
- ❖ 3+ Years of Experience in industry -Embedded System designing, and process (testing) Engineer

Work Experience: 1

Organization: **ST.JOSEPH'S COLLEGE**, (<https://www.sjctni.edu>).
Designation: **Asst. Professor, Department of Electronics**
Period: AUG – 2009 to till date
Paper handled: Microprocessor, Embedded System, Mobile Communication, Communication System, Computer Hardware and

Work Experience: 2

Organization: **WINTEK TECHNOLOGY (INDIA) PVT LTD**, (<http://www.wintek.com.tw/>)
NOKIA SEZ, CHENNAI
Designation: **Production Process (Testing) Engineer**,
Period: 2006 to 2009
Job Responsibilities: Design and Testing the Circuit, Programming & Simulation,

Institutional Activities: MQC Member

Period: 2016 to till date

Specialty and Skill sets: Handling Electronics core and Embedded Papers & Internal Projects, Consultancy works

Voluntary Activity: Organized several Department association meetings, inter-collegiate competitions and designing works

Technical Skills:

- **Microcontrollers:** 8051 (8-Bit) Series ATMEL, ARM, Arduinio and TI MPS430
- **IDE and Compilers :** KEIL μ Vision C and Assembly compiler
- **Peripheral Interfaces :** GPIO's, LCD ,ADC,DAC,I2C ,SPI , RS232 and RS485

- **Device Programmer** : ISP (In-system Programming) and Production Programmer
- **Schematics and PCB Tools** :Or CAD and Eagle Layout
- **Microsoft Tools** : MS Word and Excel 2010

Training Programmes :

- ❖ C-DAC- Hyderabad, PREPARE FUTURE Course, Wireless, Mobile & Embedded
- ❖ National Instruments conducted one day national conference on Embedded system design at Chennai on 06th October, 2009.
- ❖ UGC sponsored national conference on, “The role of ICT in higher education: Quality, Accessibility and Security” organized by St. Joseph’s College, on 29th and 30th, January 2010.
- ❖ Indo-us workshop an international conference, organized by the department of physics, st. Joseph’s college, Trichy from 12th to 14th January 2011.
- ❖ National level symposium on “Next generation wireless communication and signal processing” and presented a paper on title “Real time operating system”, at Karpagam University, Coimbatore
- ❖ Participated in the three day orientation program organized by St. Joseph’s college, Trichy at 11th to 13th June 2010.
- ❖ Participated in the two day orientation program staff organized by St. Joseph’s college, trichy at 12th to 13th June 2011
- ❖ Rev.Dr.S.Lazer sj Endowment Seminar- Research Productivity and Plagiarism Arrupe Library- St.Josephs College trichy on 2018-01-29
- ❖ One Day Workshop On -Cloud Computing Services Srimad Andavan Arts and Science College at Srirangam on 2017- 10-28
- ❖ Two days National Conference On Recent Trends In electronics (Ncre-2018) organized Department of Electronics , st .Joseph`s college on 2018-01-08
- ❖ One day Keysight Education symposium-2018 covering technical papers held on 20th April 2018 at Trichy, organized by keysight technologies

In plant Training & Projects

- ❖ **Indian Telephone Industry**, Bangalore-16
- ❖ **BSNL**, Tiruchirappalli-1
- ❖ **Hindustan Aeronautics Limited (HAL)** Bangalore
- ❖ **CDAC Hyderabad**