Dr. A. ARPUTHARAJ

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Experience Summary:

- ❖ **15+** 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 IoT

Work Experience: 2

Organization: **NOKIA -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: Micro Quality Circle (MQC) Member
Period: 2016 to 2024

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

Voluntary Activity: Organized several Department Association Meetings, Inter-collegiatecompetitions and Design works

Paper published- 9 UGC CARE Listed Journals (Web of Science and Scopus)

Paper Presented in conferences- 7 (International and National With ISBN)

Book Published- 2

Book chapter Published- 3

Patented file -2

Technical Skills:

- **Microcontrollers:** ESP32, ATMEL, ARM, Ardunio and TI MPS430,STM32
- **IDE and Compilers :** KEIL µVision C and Python
- **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

Training Programmes :

- ❖ C-DAC- Hyderabad, PREPARE FUTURE Course, Wireless, Mobile &Embedded

Training & Projects

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