

## CURRICULUM VITAE

### J. Sheik Shabjan

Assistant Professor  
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### Permanent Address

2/1, South Vellala Street  
Pandamangalam  
Woraiyur  
Trichy – 620002  
Tamil Nadu, India

### Area of Interest

Embedded system  
Signal Processing  
Biomedical Engineering

### Academic Qualification

M Phil	Department of Electronics and Instrumentation, Bharathiar University, Coimbatore, 2017
M Sc	Department of Nuclear Physics, University of Madras, Chennai, 2013, 70%
B Sc	Department of Electronics, St. Joseph's College, Tiruchirappalli, 2010, 67%
Higher Secondary	Govt. Syed Murthuza High School, Tiruchirappalli, 2007, 66.7% Secondary
	Bishop Heber High School, Tiruchirappalli, 2005, 75.8%

### Additional Qualification

TNSET 2016 Qualified in Electronic Science

### Present Position

Assistant Professor      Department of Electronics, St. Joseph's College, Tiruchirappalli – 620002  
(June 2017 – till date)

## Professional Experience

Assistant Professor	KSG College of Arts and Science, Singanallur, Coimbatore (January 2016 – May 2016)
Lecturer	Department of ECS, Alpha Arts and Science College, Chennai, Tamil Nadu, India (August 2014 to Nov 2015)
Project Assistant (Image processing)	ACME system, Tiruchirappalli, Tamil Nadu, India (June 2013 – April 2014)
Technician	Rockford Engineering Industries, Tiruchirappalli, Tamil Nadu, India (August 2010 – April 2011)

## Electronic software's and Hardware's experience

- A research work - Design of hybrid Low cost and Low power Health Monitoring System using programmable system on chip
  - ✓ PSOC Creator 3.3
  - ✓ PSOC hardware : PSOC 5lp Development kit, PSOC 4, PSOC 4 BLE
- A project work - Design and development of data acquisition system for weather and wind speed monitoring system
  - ✓ Arduino IDE
  - ✓ Arduino Board : Arduino UNO, Node MCU
- MATLAB 2016
  - ✓ Code : Image Preprocessing
  - ✓ Simulink : Analog and Digital Communication
- Code Composer Studio V3.1
  - ✓ Code (for c6713 kit) : Signal Processing
- OrCAD Capture Lite : Analog PID controller design, Waveform Generation using opamp, Oscillators
- Proteus simulation software
- Multisim simulation software
- A project work - Virtual Instrumentation and Embedded Programming for Multi Channel Analyzer
  - ✓ LabVIEW 2010

## Consultancy Work (at St. Joseph's College Campus)

- CCTV Camera Service and Maintenance
- Digital LCR meter Service
- LED multi color display board, HD player software (worked with C10, r500 boards)
- GPS digital Clock
- RFID based Students attendance system

## Online Certificate Course

- NPTEL – Digital Circuits (Got Elite)

## Workshop Attended

“ETHICAL HACKING”, Conducted by Kyrion Technology Pvt. Ltd. on 16<sup>th</sup> and 17<sup>th</sup> February at NIT Trichy.

“Python” Conducted by Pantech Pro Ed, Trichy, 1<sup>st</sup> January, 2018

“Mobile Application Development using Android SDK”, Organized by Karpagam University, Coimbatore, 7<sup>th</sup> September, 2017

“Hands on training in PSoC 4”, Organized by IEEE RAS Madras Chapter at Indian Institute of Technology Madras, Chennai, 8<sup>th</sup> October 2016.

“Hands on Training in Microcontrollers” conducted by Department of ECS, Alpha Arts Science College, Chennai, 22-23<sup>rd</sup> September, 2015

### **Conference Attended**

National Conference on Recent Trends in Electronics (NCRE-2018), Organized by the Department of Electronics, St. Joseph's College, Trichy, 8-9<sup>th</sup> January, 2018

“Computational Biology” held at DRDO – BU CLS, Bharathiar university campus, Coimbatore, 27-28<sup>th</sup> June, 2015

### **Personal**

Date of Birth: August 30, 1989

Place of Birth: Tiruchirappalli, Tamil Nadu, India

Father: S. Jan Basha

Mother: J. Jaibunisha