

# FACULTY PROFILE

Name of the Staff : **F. ANTONY JEFFREY VAZ**  
 Official Address : Assistant Professor  
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## 1. Personal Details

Age : 28  
 Date of Birth : 07-09-1992  
 Sex & Marital Status : Male & Unmarried.  
 Citizenship : Indian.  
 Qualification : M.E.

Degree	Program & Specialization	Class	Month & Year of Passing	Institute/University
B.E.	Electrical & Electronics Engineering	I Class	April 2014	St. Xavier's Catholic College of Engineering, Kanyakumari.
M.E.	Embedded System Technologies	I Class	June 2016	Regional Office: Anna University Tirunelveli Region

Date of joining : 01/06/2016  
 Present status : Assistant Professor

## 2. Academic Details:

### 2.1 Courses Taught:

Course Title	UG/PG
<ul style="list-style-type: none"> <li>➤ Basic Electrical Engineering</li> <li>➤ Bio Medical Instrumentation</li> <li>➤ Electrical Energy Utilization and Conservation</li> <li>➤ Advanced Switch Gear</li> <li>➤ Basic Electrical and Electronics Engineering</li> </ul>	UG

### 2.2 Conferences / Seminars / Short Term Courses / Workshops Attended:

S.No	Title	Duration	Venue
1.	Logic Buildings with C, C++, HTML, JAVA.	28/01/2010 – 28/05/2010	CSC, Tuticorin-628001
2.	International Conference on Emerging Trends in Electrical and Computer Technology	23/03/2011 – 24/03/2011	St.Xavies's Catholic College of Engineering
3.	Robotics Workshop	22/08/2011 – 23/08/2011	SakRobotix Pvt Ltd
4.	IET Orange <sub>001</sub> Program	18/01/2013	Indian Institute of

			Engineering Technology
5.	Hands-On MATLAB Training on Wireless Communication Systems	24/04/2013	IET - SXCCE
6.	Mobile Robotics Course	10/06/2013 – 30/06/2013	Core Institutions, Tuticorin
7.	Participated in Zonal Round of Robo-Tryst	2014	Robosapiens Technologies Pvt Ltd
8.	Workshop on Industrial Automation	07/02/2014 – 08/02/2014	Prolific Systems & Technologies Pvt Ltd
9.	Energizing Future India Expo	03/09/2015 – 04/09/2015	Regional Office Anna University Tirunelveli
10.	Conference on Green Initiative and Smart Grids	10/03/2016 – 11/03/2016	St.Xavies's Catholic College of Engineering
11.	Conference on Trends in Modern Power Electronics and Drives	01/04/2016	Government College of Engineering, Tirunelveli
12.	Embedded System Design using ARM 7 LPC2148	02/12/2016 – 03/12/2016	IELEC Systems
13.	Training Program on Technology Enabled Learning Process	27/05/2017 – 29/05/2017	NITTTR
14.	Training Program on Instructional Design and Delivery System	22/05/2017 – 27/05/2017	NITTTR
15.	Hands on Workshop on Python Programming	21/08/2017 – 22/08/2017	Center for Academic Course, Anna University, Chennai
16.	Short Term Course on Sensor Interfacing for IoT	05/03/2018 – 11/03/2018	Thiagarajar College of Engineering
17.	International Conference on Energy Efficient Technologies for Sustainability” IoT Based Distribution Transformer Care System”	05/04/2018 – 07/05/2018	St.Xavies's Catholic College of Engineering
18.	International Conference on Energy Efficient Technologies for Sustainability “Amalgamated Fuel Detector and Level Indicator”	05/04/2018 – 07/05/2018	St.Xavies's Catholic College of Engineering
19.	National Workshop on “Internet of Things”	03/12/2018 – 07/12/2018	NITTTR
20.	Intelligent Battery Power Optimizer For IoT Devices	07/03/2019 – 08/03/2019	IEEE International Conference
21.	IoT Enabled Analog system Design	13/01/2020 – 17/01/2020	IISC- Bengaluru
22.	Webinar in Artificial Intelligence	25/05/2020 – 29/05/2020	MSME
23.	National Workshop on “Perspective of Teaching and Learning of Engineering Sciences for Outcome Based Education”	15/06/2020 – 20/06/2020	AICTE-Margdarshan

### 2.3 Online Certifications Completed:

S.No	Certification	Duration	Organizers
1.	Introduction to Research	July – Sep 2016	NPTEL
2.	The Joy of Computing Using Python	July – October 2018	NPTEL
3.	Big Data Analytics For Smart Grid	September 2019	NPTEL

### 2.4 Industrial Trainings Attended:

S.No	Certification	Duration
1.	In-plant Training at Tuticorin Thermal Power Station	10/12/2012- 14/12/2012
2.	Progen Energy Solutions, Coimbatore	30/10/2018 – 03/11/2018

### 2.5 Seminars / Short Term Courses / Workshop Organized:

S.No	Certification	Duration	Organizers
1.	Kalakshetra 15	01/04/2015	Regional Office Anna University Tirunelveli
2.	Project Expo in Arduino	Jan 2017 – Apr 2017	National Engineering College
3.	Project Expo in Arduino	Jan 2018 – Apr 2018	National Engineering College
4.	Project Expo in Arduino and Raspberry pi	Jan 2019 – Apr 2019	National Engineering College
5.	Basics of MATLAB	Every Odd Saturdays 2019 - 2020	National Engineering College

### 2.6 Expert Lectures Delivered:

S.No	Certification	Duration	Organizers
1.	Basic Concepts of 8051 Microcontroller and Basic Embedded C Programming	11/03/2014	St.Xavies's Catholic College of Engineering
2.	Hands on Training in Arduino	June 2016 – Nov 2016	National Engineering College
3.	Hands on Training in Arduino	June 2017 – Nov 2017	National Engineering College
4.	Hands on Training in Arduino	June 2018 – Nov 2018	National Engineering College
5.	Real Time Monitoring Using Embedded Systems	20/02/2019 – 21/02/2019	National Engineering College

### 3. Professional Body IET / IEEE:

S.No	Active Member	Duration
1.	Indian Institute of Engineering Technology ( IET )	July 2012 – June 2014

### 4. Grant Received from Government Funding Agencies:

S.No	Project Title	Funding Agency	Duration	Net Cost Received
1.	SMART CARRY-ON LUGGAGE	NewGen IEDC [NSTEDB & DST]	2018 JULY – 2019 DEC	2,00,000/Rs

### 5. Patent Claimed:

S.No	Patent	Application No	Date of Publication
1	SMART CARRY-ON LUGGAGE	202041006563 A	21/02/2020

**6. Additional Responsibilities Held:**

<b>S.No</b>	<b>Responsibility</b>	<b>Duration</b>
1.	Department Intercom In-Charge	2016 – 2020
2.	Mini Project Forum Assist	2016 – 2020
3.	Microprocessor and Microcontroller Lab Assist	2016 – 2020
4.	EEE Department Association Assist	2016 – 2020
5.	UG Project Assist	2017 – 2020
6.	Class Tutor	2017 – 2020
7.	Department Level Furniture Incharge	2019 - 2020