

**TRICHY ENGINEERING COLLEGE**  
Sivagnanam Nagar, Trichy-Chennai NH, Konalai, Trichy - 621 105.

**FACULTY PROFILE**

Name (in BLOCK LETTERS)	<b>A. ANTONY DAVID</b>
Present Designation & Dept:	Assistant Professor, EEE
Subject Area of Interest	<b>Electrical machines, Power electronics</b>
Passport photo	
Address (for communication)	<b>A. ANTONY DAVID</b> No.1/11,T.VALAVANUR Thirumanamedu post, Lalgudi Tk, Trichy-621218, India. Mobile no: 9842502086 E-mail: <b>david73raj@gmail.com</b>
Address (Office)	<b>ANTONY DAVID A</b> Assistant Professor – EEE <b>TRICHY ENGINEERING COLLEGE</b> Sivagnanam Nagar, Konalai, Trichy - 621 105. Mobile No.: 8072511551 Email ID : <b>antonydavid@trichyengg.ac.in</b>
Date and Place of Birth	05 <sup>th</sup> June 1973, Trichy, India.
Gender	Male
Marital Status	Married
Nationality	Indian
Membership in Professional Bodies	Life Member(s) -IAENG (International Association of Engineers), IRED (Institute of Research Engineers and Doctors)

**01) Research & Educational Degree(s):**

<b>Educational Degrees/ Exams</b>	<b>Name of the Board/ Institution / University</b>	<b>Subject/ Specialisation</b>	<b>Year of Passing</b>	<b>% of Marks/ CGPA</b>	<b>Division/ Class/ Grade</b>
<b>M.Tech.</b>	<b>PRIST University, Tanjore.</b>	<b>Power Electronics &amp; Drives</b>	<b>2010</b>	<b>73%</b>	<b>First Class</b>
<b>B.E.</b>	<b>Vinayaka Mission University, Salem.</b>	<b>EEE</b>	<b>2007</b>	<b>62%</b>	<b>First Class</b>
<b>Diploma</b>	<b>MIET Polytechnic, Trichy TN DOTE,</b>	<b>EEE</b>	<b>1994</b>	<b>58%</b>	<b>Second Class</b>
<b>S.S.L.C</b>	<b>TN State Board</b>	<b>General Sciences</b>	<b>1988</b>	<b>60%</b>	<b>First Class</b>

**02) Teaching Experience/Post(s) held:**

**Teaching experience : U.G. Classes for B.E./B.Tech : 15 year**

		<b>From</b>	<b>To</b>	<b>Year</b>	<b>Month</b>
Trichy Engineering College	Assistant Professor	June 2025 to till date		4 months	
Surya College of Engineering	Head & Assistant Professor	June 2012 to May 2025		13 years	
Trichy Engineering College	Assistant Professor	June 2010 to May 2012		2 years	
Aadhi Sankarar Industrial Training Institute, Trichy.	Assistant Training Officer	1997 to 2004		7 years	

**03) Administrative experience(s)**

**Such as Dean, HoD, T&P, NSS, Hostel, Exams, Admissions, Committee**

<b>Description</b>	<b>Role(s)</b>	<b>Duration</b>	<b>From To Dates</b>
HOD	Coordinating department activities & Erection of all the EEE laboratories	13 years	June 2012 – May 2025

T&P	Placement Officer	5 years	2020 - till date
Internal Exam cell	Exam cell coordinator	1 year	2013 - 2014
Grievance Redressal Committee	Coordinator	2 years	2023 - 2025
Anti-ragging Committee	Member	2 years	2023 - 2025

#### **04) Research Papers in Peer-Reviewed or UGC listed Journals**

##### **NATIONAL JOURNALS/CONFERENCES**

Mr. A. Antony David, Dr. M. Sangeetha, Dr. G. Malathi, Dr. K. Sathish kumar  
 “Cutting-Edge Triple -Port Soft- Switching Converter for Seamless Renewable energy integration”, Power System Technology, Volume 48, Issue1 (March 2024)  
 ISSN:1000-3673

Dr. M. Sangeetha, Mr. A. Antony David, Mr. A. Karunakaran, Mr. N. R. Nawin  
 “Smart Energy Management System for Electric Vehicles using IoT Technology:”, The ciencia & Engenharia - Science & Engineering Journal, Volume ;11  
 Issue1,2023pp:1854-1863,ISSN: 0103-944X.

Dr. M. Sangeetha, Mr. A. Antony David, Mr. N. R. Nawin “Offshore wind power plant with UHVDC- based transient management scheme”, Eternal Scientific Publications ( Simply Science), International Conference on Exploring AI,IOT, Science & Technology ( ICEAIST- 24).

Dr.M.Sangeetha, Mr.A.Antony David, Mr.D.Kannan “Exploring multivariant Statistical methods for evaluating groundwater quality in Edappadi Taluk, Salem District, Tamil Nadu,India”, Eternal Scientific Publications ( Simply Science), International Conference on Exploring AI,IOT, Science & Technology ( ICEAIST- 24).

Dr.M.Sangeetha, Mr.D.Kannan, Mr.M.Chandrasekar, Mr.A.Antony David “Advanced power quality optimization in wind energy conversion systems via soft computing and pi control strategies for weak grids”, Powersystems technology, vol.48, no.49(2024).  
 ISSN 1000-3673

#### **05) Books authored & published**

Author: Dr.P.Lilly Florence Co-author: Mr.A.Antony David “Evaluating water quality indices and correlations for environmental assessment”,  
 Book name: Current research in Fisheries and Aquatic Science, Ref.No: CRFAS-01-07.

#### **06) Patents / Awards/Certificates**

Dr. M. Sangeetha, Dr. S. Vijayalakshmi, Mr. A. Antony David “An IoT based smart two wheeler parking in a multi-storeyed parking system”, Patent Application Number: 202341006928, Publication Date(U/S 11A) : 10/02/2023.

Dr. M. Sangeetha, Mr. A. Antony David, Mrs. J. Reka “An IoT based and solar powered unmanned air filling system for vehicles”, Patent Application Number: 202241054964, Publication Date( U/S 11A) : 07/10/2022.

World Record Holder Award 2020

Best Academic Performance award during the Year 2021-2022

### **07) Workshop/FDP/ Seminar/ Conference Organised/GUEST LECTURE DELIVERED**

**“One day workshop on Placement Opportunity”** at Surya College of Engineering, Trichy on 18.8.2015.

**“One day workshop on Robotics Technology”** at Surya College of Engineering, Trichy on 20.8.2015.

**A National level Technical Symposium on the topic “I EXPLORE 2K16”** at Surya College of Engineering, Trichy on 26.9.2016.

**“One day workshop on Embedded System”** at Surya College of Engineering, Trichy on 3.12.2021.

**“One day workshop on Artificial Intelligence using Python”** at Surya College of Engineering, Trichy on 5.4.2022

**A Seminar on the topic “Industrial Applications of HVDC Innovations on the Power Sector”** at Surya College of Engineering, Trichy on 29.3.2023.

**“One day workshop on SCOPE and Opportunities for Entrepreneurs”** at Surya College of Engineering, Trichy on 28.8.2023.

### **ACTED AS GUEST SPEAKER**

Disseminated knowledge on “Basics of Electrical & Electronics” to the students of Trichy Engineering College during the Academic Year 2018.

### **08) Workshop / FDP / Seminar / Conference Attended**

**WEBINARS, WORKSHOPS, FDP& Refresher Course Attended through Online mode:** More than 100 attended.