

# **K.S.R. COLLEGE OF ENGINEERING, TIRUCHENGODE – 637 215.**

## **DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

### **FACULTY PROFILE**

- 01. Name** : S.GOWTHAM  
**02. Designation** : Assistant Professor  
**03. Date of Birth** : 26.05.1990  
**04. Date of Joining** : 01.06.2015  
**05. Professional Membership:**  
**06. Qualification:**



S.No.	Qualification	Specialization	Name of the Institution	Affiliated to	Year of Completion	Class & % of Marks
1.	M.E	Power Electronics and Drives	Sri Ramakrishna Engineering College, Coimbatore	Anna University, Chennai	2013	First Class with Distinction & 8.62
2.	B.E	EEE	Bannari Amman Institute of Technology, Sathyamangalam	Anna University, Coimbatore	2011	First Class & 8.40

- 07. Area of Interest** : Power Electronics and Drives

#### **08. Experience, Promotion & Designation Details (Chronological):**

S.No.	Name of the Organization	Designation	Period	
			From	To
1.	Knowledge Institute of Technology	Assistant Professor	03.06.2013	21.05.2015
2.	K.S.R College of Engineering	Assistant Professor	01.06.2015	Till date

## LIST OF PUBLICATIONS

### National Conference: 03

1. S.Gowtham, "Railway Track Pedestrian Crossing using Mobile Platform", National conference on Emerging Trends in Engineering and Technology organized by Nandha college of Technology, Tamilnadu, 16 March 2019.
2. S.Gowtham, "Energy Saving Method using Hybrid Power System", National Conference on Xtreme Engineering and Technological Advancements, organized by Jayam College of Engineering and Technology, Tamilnadu, 30-31 March 2015.
3. S.Gowtham, "Grid Connected Three Phase 9-level PWM Current Source Inverter for Wind Energy Conversion System", National Conference on Smart Instrumentation, Measurement and Applications, organized by K.S.Rangasamy College of Technology, Tamilnadu, March 2014.

### International Conference: 03

1. S.Gowtham, "Automatic Speed Breaker Control Using PIC Controller", International conference on innovation in Science, Engineering and Technology for sustainable development, organized by Muthayammal College Engineering, Tamilnadu, 30-31 March 2018.
2. S.Gowtham, "Automation and Control of Hydroponic Agriculture", International conference on Engineering and Technology, organized by Selvam College of Technology, Tamilnadu, 04 & 05 March 2020.
3. S.Gowtham, "Smart ATM security using vibration sensor and DC motor", International conference on Science, Technology, Engineering and Mathematics, organized by Jansons Institute of Technology, Tamilnadu, 28 May 2022.

### National Journal: -NIL-

### International Journal: 03

1. S.Gowtham published a paper entitled "**Speed Control of Induction Motor Based on DC Link Measurement**" in the International Journal of Engineering Research & Technology (ISSN: 2278-0181), Vol.2, Issue 10 (October-2013).
2. S.Gowtham published a paper entitled "**Analysis and Implementation of Semaphore Signalling in Railway Tracks**" in the International Journal of Science, Technology and Society (ISSN: 2330-7412), (March 2015).

3. S.Gowtham published a paper entitled “**Bank Smart Card with Smart Security System using PLC**” in the International Research Journal Of Modernization In Engineering Technology And Science, Volume 2, Issue 3, PP 386-391, (March 2020).