

# K.S.R.COLLEGE OF ENGINEERING,TIRUCHENGODE–637215.

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### FACULTY PROFILE

- 01. Name** : USHA P  
**02. Designation** : ASSISTANT PROFESSOR  
**03. Date of Birth** : 27.03.1993  
**04. Date of Joining** : 23.03.2022



**05. Qualification& Designation :**

	At the time of Joining	Now
<b>Qualification</b>	M.E	M.E
<b>Designation</b>	Assistant Professor	Assistant Professor

- 06. Specialization** :VLSI Design  
**07. Area of Interest** : Digital Electronics and VLSI Design

**08. Experience & Promotion Details (Chronological):**

S.No.	Name of the Organization	Designation	Period	
			From	To
1.	AKT Memorial College of Engineering and Technology	Assistant Professor	24.08.2016	23.06.2018
2.	K.S.R.College of Engineering	Assistant Professor	23.03.2022	Till date

**09. Publication Details:-**

	* International Level		*Book Chapter	*Patent
	Journal(s)	Conference(s)		
Others	01	03	1	2

**10. Details of Workshops /Seminars /Webinar Attended**

1.	Attended a Seminar on Digital Signal Processing and its Application held at Sri Ramakrishna Institute of Technology ,Coimbatore.
2.	Attended a one day Workshop on Embedded System design using 8051 Microcontroller ,held at PGP college of Engineering and Technology, Namakkal.
3.	Attended a three days National Level Workshop on Embedded C held, at Selvam College of Technology, Namakkal.
4.	Attended a one week workshop on"Advance Internet of Things(AIoT)from 18 <sup>th</sup> to 22 <sup>nd</sup> December 2023 held at K.S.R.College of Engineering,Tiruchengode.

### 11. Details of Faculty Development Program Attended

1.	Attended a Two days Faculty Training Program at VVDN Technologies Pvt ltd.,pollachi.
2.	Attended a Five days Faculty Development Program on “Microsoft Azure AI Engineer Associate” conducted by ICT Academy at Excel Engineering College,Komarapalayam.
3.	Attended a Five days Faculty Development Program on “Application of Machine Learning and Artificial Intelligence in Research and Innovations” conducted by Regional College for Education Research & Technology,Jaipur.
4.	Attended a Five days Faculty Development Program on “VLSI and Chip Design” Organized by Department of Electronics and Communication Engineering ,PSNA College of Engineering and Technology,Dindigul by Regional College for Education Research & Technology,Jaipur.
5.	Completed online FDP on Machine Learning Organized by SkillDzire in collaboration with AICTE.

### 12. Course Completion Details

1.	Obtained Elite Grade in 12 week NPTEL Online Certification course conducted by IIT Kanpur on the subject titled “Introduction to Internet of Things”
2.	Obtained Elite Grade in 12 week NPTEL Online Certification course conducted by IIT Kanpur on the subject titled “Cloud Computing”
3.	Certified Instructor in “INTEL Rendering Toolkit”
4.	Completed Foundations of Cybersecurity an online non-credit course authorized by Google and offered through Coursera.

### 13. Details of the Subjects Handled:

S. No	Name of the Subject
1	Digital Electronics
2	VLSI Design
3	C++ and Data structures
4	Cryptography and Network Security
5	Python programming

### 14.Additional Responsibilities: -

S.No	Details of Work	Work allotted by
1.	Student Mentor	Head of the Department
2.	CO-PO Assessment Committee In charge	Head of the Department
3.	Department Faculty meeting and Class Committee Coordinator	Head of the Department
4.	Newsletter, Department press, and Department Magazine.	Head of the Department
5.	Corporate relations and Skill Development & Student chapters	Head of the Department

**Signature**

**Annexure**

**LIST OF PUBLICATIONS**

**International Conference: 03**

1. P.Usha” Design and Analysis of Combinational Circuits Using Gate Diffusion Input ”,Second International Conference on Electrical, Electronics and Computer Engineering”, Vivekanandha College of Engineering for Women, Tiruchengode.
2. Usha P ”Students Management System and SGPA,CGPA Calculator” ,seventh International Conference on Engineering, Technology and Science at Muthayammal College of Engineering, Rasipuram, Namakkal.
3. Usha P”Predictive Analysis for Big Mart Sales using Machine Learning Algorithm” International Conference on Emerging Materials and Technology at K.S.R. College of Engineering ,Tiruchengode in association with Dongguk University, South Korea.

**JOURNAL PUBLICATIONS:**

**International Journal: 01**

1. Usha p, ”Student Management System and SGPA,CGPA Calculator”, ”International Journal of New Innovations in Engineering and Technology”, Volume 22 Issue 1 April 2023.