

<b>Profile &amp; Photo :</b>	<p style="text-align: center;">U.THARANI CHITRA</p> 
<b>Designation:</b>	Assistant Professor-III
<b>Qualification :</b>	ME..Doing PhD (Anna university)
<b>Area of specialization :</b>	Networking, Image processing, Machine learning
<b>Experience :</b>	Teaching: 8years 8 months
	Industry : 2yrs
<b>No. of workshop / Conferences / FDP attended</b>	Workshop : 1    Conferences : nil    FDP : 7 STTP :nil    ISTE : nil
<b>Publication :</b>	Journal International :4
<b>Conference :</b>	International :NIL
	Patents: Published : 3
<b>Membership in Professional bodies:</b>	One Year IEEE Membership

Responsibilities :	<ul style="list-style-type: none"> <li>● Acted as class coordinator 2024-2028 batch students</li> <li>● Acted as IDL Coordinator,</li> <li>● Acted as a technical team in IEEE conference which is conducted by our department</li> <li>● Acted as seminar/ workshop file incharge.</li> <li>● Acted as an Organizer in Techno culture club.</li> <li>● Acted as department executive member in the Women empowerment cell.</li> <li>● Acted as coaching class file incharge</li> </ul>
Achievements:	<ul style="list-style-type: none"> <li>● Organize agripulse 2.0 event in technoculture club.</li> <li>● Organize a women empowerment cell event.</li> <li>● Organize F2F hackathon in the technoculture club.</li> <li>● Presented a Papers in various National and International Conferences</li> <li>● Certificate of participation for FDP in Wadhvani Foundation.</li> <li>● Completed NITTT 8 modules</li> <li>● NPTEL appreciation certificate</li> <li>● Nptel courses completed certificate.</li> <li>● Producing 90 to 100% results</li> </ul>

**Professional Experience:**

Sl. No	College / Organization	Designation	Period	
			From	To
1.	Srinivasan Engineering college	Lecturer	20.8.2008	15.05.2011
2.	Thangavelu engineering college	Assistant Professor	1.6.2019	30.9.2021
3.	Sri Sai Ram Engineering College	Assistant Professor	08-07-2022	Till Date

## PATENT DETAILS:

1. Patent Grant on “**Cloud Based Water Usage Monitoring And Control Device**”,**Patent Number : 469904-001 Filing Date-16/08/2025(7th Author)**
2. Filled and Published Indian Patent on “ **An Evolution over Internet of Things(IoT) Enabled Real Time weather Forecasting System using Arduino**” (Application No.202341015241A) **on 17.03.2023.(4th Author)**
3. Filled and Published Indian Patent on “**MACHINE LEARNING-DRIVEN MULTISPECTRAL FUSION FOR ENHANCED OBJECT DETECTION IN REMOTE SENSING IMAGES**”(Application no. 202341074580 On 02/11/2023(4<sup>th</sup> author)

## Publications: National/ International Journals

1. U.THARANI CHITRA, “**Modeling Smarty Web Search Engine Using XML Cluster**” International Journal of Research in Engineering, Science and Management Volume-3, Issue-4, April-2020
2. Revathi M, Ruban Thomas D, Mohamed Abbas A, Mohanraj K, **Tharani Chitra U**, Balaji N “**Design and Implementation of Linear Taper Slot Antenna for Multiband Applications**” 2022 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS)..publication date: 2022/12/8.
3. **U Tharani Chitra**, K Rajesh, M Harshitha, S Priyadharshini “**Indoor Campus Navigation using Web Application System for Seamless University Mobility**” 2023 Intelligent Computing and Control for Engineering and Business Systems (ICCEBS) publication date: 2023/12/14.
4. **U Tharani Chitra**, K Rajesh, S Sandhiya, Jeflin Felshiya JJ “**Forest Fire Detection System**” 2023 Intelligent Computing and Control for Engineering and Business Systems (ICCEBS) publication date: 2023/12/14.

<b>FDP, WORKSHOP, SEMINARS</b>		
<b>Name of the Program</b>	<b>Organized by</b>	<b>Date</b>
<b>FDP</b>		
Insights and open challenges in computing technologies	ISTE and CSI	11.7.2022 to 15.7.2022
FDP on "NO CODE AND LOW CODE MACHINE LEARNING TECHNIQUES"	Sri sairam Engineering College	19.12.2022 to 23.12.2022
<b>5-day online UHV-I FDP</b>	All India Council for Technical Education (AICTE)	30.1.23 to 3.2.23

Participated "FACULTY DEVELOPMENT PROGRAM ON OFFENSIVE SECURITY"	Sri sairam Engineering College	30.06.2025 to 05.07.2025
Participated "FACULTY DEVELOPMENT PROGRAM ON AI for teaching pedagogy	Seshadripuram degree college, Mysuru...IIC and IQAC	6.9.2025
Participated in 7 Days FDP on The Gen Z Effect: Innovation, Impact and the Future of Industry"	Star International Foundation for Research and Education	2.10.25 to 8.10.25
Participated in Faculty Development Program on Cyber Security,	Saraswati College of Engineering, Kharghar & Jawaharlal Nehru New College of Engineering, Shivamogga	13.10.25 to 17.10.25
<b>Workshop</b>		
Recent development in cloud computing	Thangavelu engineering college	23.5.2020

### **COURSES COMPLETED:**

<b>S. No.</b>	<b>Name of the Course</b>	<b>Certified by</b>	<b>Date</b>
1	Apple Teacher	Apple	Nov2025
2	Social Emotional Education: Knowledge to Practice (SEEK)	UNESCO MGIEP	Nov 2025
3	Panchayat Administration and Rural Development Schemes	State Institute of Rural Development and Panchayat Raj (SIRD)	Sep 2025
4	Introduction to Internet of Things	NPTEL	<b>July-Aug 2023</b>
5	Operating System Fundamentals	NPTEL	Jul-Oct 2025
6	Introduction to Database Systems	NPTEL	Jan-Apr 2024
7	Certificate of appreciation	NPTEL	Jan-Apr 2024

8	Module 1 to 8	NITTTR	completed
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