

## Sri Sairam Engineering College

### Department of Information Technology

Name : Ms.D.Thamizhselvi	
Designation:	Assistant Professor
Qualification:	M.E.,(P.hD) Pursing
Area of Specialization:	Programming and data structures Internet of Things Cryptography and Network Security WSN
Experience:	Teaching: 08 Yr
	Industry: -NIL
No. of workshop / Conferences / FDP attended :	FDP: 15 Conference:14 Workshop :5
Publication :	Journal National: - Nil International: 1
	Conference National: 01 International: 14

Membership :	International Association of Engineers member, IAENG IEEE Member
--------------	---

Achievements:	<ul style="list-style-type: none"> <li>• Producing 95 to 100% results</li> <li>• Class coordinator from 2021 – 2023</li> <li>• Acted as Project Coordinator for the batch 2019-2023</li> <li>• Acting as a NBA Criteria 3 department coordinator.</li> <li>• Published papers in reputed International Journals.</li> <li>• Presented papers in various International Conferences.</li> <li>• Published patent</li> <li>• Acted as Reviewer for International conference</li> <li>• Got NPTEL Stars</li> </ul>
---------------	--

#### FDP

---

1. Attended Three days workshop on the topic "Python Programming" at Sri Sairam Engineering
2. Attended Faculty Development Program for "Mobile Application Development Laboratory" at Sri Sairam Engineering
3. Attended two days Training Programme on **TroubleShooting & Testing of Electronic Equipments.**
4. Attended ATAL Academy online FDP on "**Cyber Security**" from 9.11.2020 to 13.11.2020 at Siddaganga Institute of Technology
5. Attended AICTE Sponsored Six days online Short Term Training program on "**Internet of Things and its application[phase-II]**" at SRM Valliammai engineering College held during 16<sup>th</sup>-21<sup>st</sup> November 2020.
6. Attended 5 days online FDP on "**Universal Human Values for Deeksharambh**" organized by NIT patna during 23-27 November 2020

7. Attended ATAL Academy online FDP on “**Artificial Intelligence**” from 7.12.2020 to 11.12.2020 at Sri Sairam Engineering College
8. Attended ATAL Academy online FDP on “**Artificial Intelligence**” from 16.11.2020 to 20.11.2020 at Panimalar College of Engineering
9. FDP on Inculcating Universal Human Values for Organized by NIT Patna during 23-27 th November 2020
10. **ATAL FDP** on "Artificial Intelligence" from 07.12.2020 to 11-12-2020 at Sri Sairam Engineering College
11. FDP on Open Source Tools for Data Analytics from 24.05.2021 to 28.05.2021 at Sri sairam Engineering College
12. FDP Attended in the AICTE Recognized Faculty Development Programme on Cyber Crime and Forensic Tools Conducted by Information Management and Emerging Engineering Departmen from 23/05/2022 to 27/05/2022 (One Week)
13. FDP on Insights and open challenges in computing Technologies from 11.07.2022 to 15.07.2022
14. NPTEL FDP on Cryptography and Network Security course 12 week
15. FDP on “NO code and Low code Machine Learning Techniques held from 19.12.2022 to 23.12.2022 at Sri sairam Engineering college
16. 3 days FDP on “Exploring Next generation smart Solutions” organized by Department of Information technology SSN college
17. NPTEL FDP on “Big data computing course 8 week 2023
18. NPTEL FDP on “Intoduction to Machine Learning course 12 week 2023
19. NPTEL FDP on “Intoduction to Java “course 12 week
20. NPTEL FDP on “ Data Structure and Algorithm using Java “course 12 week

## **International Conference**

1. Participated in a International Conference conducted by Sri Sai Ram Engineering College on the topic “**Enhanced Service And Data Security Using Multicloud Environment**”

2. Participated in a International e-conference on Advanced Innovation in Technologies(ICAIT-2021) on the topic” **Artificial Intelligence and Machine Learning for preventive medicine and wellness program**” held on 2.04.2021 at ARIFA Institute of Technology

3. D Thamizhselvi, M Dhivya,”Medi-Alerta: Design and Implementation of a Medical Device for Remote Monitoring and Operating” 2022 1st International Conference on Computational Science and Technology (ICCST),IEEE,PP: 662-665 ,2022/11/9

4. D Thamizhselvi, M Ragavi, K Nivetha “Cloud Computing's Use in Medical Science”, 2021 4th International Conference on Computing and Communications Technologies (ICCT),IEEE,PP: 301-304, 2021/12/16

5. KR Saradha, J Ranjani, D Thamizhselvi, KR Sruthi, UG Nikhitha,” Agricultural E Commerce Website In India,2021 Ilkogretim Online Volume:20,Issue:1 PP:5010-5015

6. D Thamizhselvi, SV Supraja, G Priyadharshini,”Help Farmers–Farm Era App,” 2021 Recent Trends in Intensive Computing IOS Press,PP:93-97

7. D Thamizhselvi, MSV Suprajab, MG Priyadharshini,”A Bridge Between Farmers And Buyers”2020, Ilkogretim Online 19 (3), 4674-4680

8. D Thamizhselvi, R Vishal Amrith, R Avudainayaki ,” Drugex: The Drug Extincter App “ 2023 Intelligent Computing and Control for Engineering and Business Systems (ICCEBS)

9. D Thamizhselvi, Baskar Kasi, K Kamalakkannan, S Bharath, S Gowtham, MA Kishore “Air Quality Prediction Using Adaboost” 2023 Intelligent Computing and Control for Engineering and Business Systems (ICCEBS)

10. D Thamizhselvi, C Chandraprabhu, R Bharath Kumar, S Bharath” Obstacle Detection on Road and Indication on Map at Rainy Times”, 2024 International Conference on Communication, Computing and Internet of Things (IC3IoT)

11. D Thamizhselvi, A Saranya, R Dhanusha, Lung Cancer Detection Using Transfer Learning Algorithm” 2024 International Conference on Communication, Computing and Internet of Things (IC3IoT)

12 . D Thamizhselvi, B Karthik, SM Sivasankar, S Bharath, R Dhanusha “Smart LPG Leak Detection System, 2024 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS)

13. D Thamizhselvi, A Punitha, R Surya Kumar, V Raphael Godson, R Dhanusha, S Bharath,” Churn Analysis For Restaurant” 2024 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS)

14. D Thamizhselvi, K Vignesh Kumar, VJ Arun Niranjana, S Bharath” Streak-Social Media Platform with Dynamic Identification of Spam Words, Phishing Urls, Misleading Products and Agencies”, 2023 International Conference on Research Methodologies in Knowledge Management, Artificial Intelligence and Telecommunication Engineering (RMKMATE)

## **Reviewer**

Acted as a Reviewer for the "International Conference on Intelligent Innovations in Engineering and Technology" (ICIET - 2022), organized by the Department of Electronics and Communication Engineering, PSG College of Technology, held during 22 -24, September 2022.

## **Book Chapter**

1. Recent Trends in Engineering and Technology in the edited book Chapter Industrial Revolution in IOT(IIoT) ISBN: 9788194714989  
Publisher Sri Sairam Engineering College
2. Social Media Analysis in the edited Book Future Perspectives in Data Analytics and IOT,IIP series ISBN:978-93-5747-559-4
3. Deep Learning Applications in the futuristic Trends in Computing Technologies and Data Science Volume 3 Book 9 ISBN: 978-93-6252-771-1.

## **Event Organized**

1. Two days Hands on Training on Mobile Application On 28.04.2024 and 29.04.2024
2. Sai Techcellance XTROFEST 4.0 Tech Events Shamrock'22 on September 2023
3. Three Days Hands on Training on UI/UX design in CANVA and FIGMA on 14.12.2023 to 16.12.2023
4. CSR Initiative Sponsored by Honeywell conducted by Sri Sairam Engineering College as a mentor has successfully motivated and enabled students to get

certificate on AI under Honey well student Empowerment program held on 09.08.2023 to 12..09.2023

### **Resource Person**

1. Acted as a Resource person on “Essential Computer Skills “ for Sairam Siddha, Ayurveda, Homoeopathy Students from 31.01.2024 to 02.02.2024
2. Acted as a Resource person on “Essential Computer Skills “ for Sairam Siddha, Ayurveda, Homoeopathy Students from 03.12.2024

### **Patent Published**

1. Arumurgan Ranjith, Dr.V.Anitha, Mr.Mushtaque Ahmad, Ms.Yogita Chhabra, Ms.D.Thamizhselvi,Dr.Rajnish Bhaskar,” An investigation into the factors that influence the IoT-based smart hospitals design” on 15.10.2021
2. Dr.R.Thenmozhi,E.Nithya,D.Thamizhselvi,Dr.ManagalaK J,M.Amsa,Dr.Chhavi Sharma,R.Sankaranarayanan,Raja .s “ IOT and Machine learning Approaches for Predicting Soil Moisture and Efficiency Of vermicompositng in Various Compositions of Solid Wates To Improve Agriculture Yields.

### **ONLINE CERTIFICATE COURSE COMPLETED**

---

#### Courseera Courses

- Programming for Everybody
- Using Database with Python
- Using python to Access web Data
- Python Data Structure
- Capstone, retrieving, processing and visualizing
- Object oriented programming in java
- Cyber security awareness and Innovation
- Cloud Computing Basics(Cloud 101)

#### IBM Cognitive Class

- Python 101 for Data Science
- Machine learning with python

1. Completed online course on Foundation Artificial Intelligence
2. Completed online Course on Python for Machine Learning in Great Learning Academy
3. Completed NITTT 8 module