


**Sri Sairam Engineering College**  
**Department of Information Technology**

<b>Name :</b>	<b>M.Vaithyanathan</b>  
<b>Designation:</b>	<b>Assistant Professor - III</b>
<b>Qualification :</b>	<b>MCA, MBA ,M.Tech, (Ph.D)</b>
<b>Area of Specialization :</b>	<b>Computer Science and Engineering</b>
<b>Experience :</b>	<b>Teaching : 6 yrs</b>
	<b>Industry : - 1.9 yrs</b>
<b>No. of workshop / Conferences / FDP attended :</b>	<b>FDP : 27</b> <b>National Conference: 1</b> <b>International Conference: 1</b>
<b>Publication :</b>	<b>Journal</b> <b>National : - Nil</b> <b>International : - Nil</b>
	<b>Conference</b> <b>National :</b> <b>International :</b>
<b>Research Guidance : -</b>	
<b>Membership:</b>	<b>IEEE</b>
<b>Achievements:</b>	<b>Got excellent appreciation from the management for the skill set</b>  <b>Got Attendance Achiever Award.</b>  Got Excellent <b>Feedback from Students</b> in the subject Python Programming with LAB <b>97.50%</b> & Problem Solving and Programming in C <b>98.40%.</b>

## **National and International Conference:**

- M.Vaithiyanathan attended 2015 International Conference on Computing and Communications Technologies (ICCCT15) held between 26-02-2015 and 27-02-2015 at Sri Sairam Engineering College, Chennai.
- M.Vaithiyanathan attended 2013 International Conference on Web Technology (NCWT'13) held on 06-02-2013 at Sri Sairam Engineering College.

## **Patent**

- SMART FARM MACHINE USING IOT- MOBILE APPLICATIONS  
APPLICATION NUMBER 202241070695
- THERAPY MONITORING DEVICE FOR DIABETIC PATIENTS  
Design application number: 6391355 - UK Design Application

## **Paper Publications and Scopus Details**

- Preserving Data Integrity and Security in IoT-Enabled Wireless Sensor Networks: Employing an Intrusion Detection System -**979-8-3503-7700-2/24 - IEEE**
- Intelligent Dine: Advanced Food Identification and Caloric Assessment through Deep Learning for Smart Diet Tracking - **979-8-3503-8427-7/24 – IEEE**
- ESP-8266-based Indoor Localization System – **978-8-3503-9458-0/23 – IEEE**
- Smart Navigation Device for Blind People using Image Processing -**ISSN: 1001-4055**  
**Vol. 44 No. 6 (2023)**
- Enhanced Approach to Study the Neural Stem Cell Migration through Image Processing using Deep Learning - **10.1109/ICPECTS62210.2024.10780213 - IEEE**
- Application of Novel Machine Learning Methods in the Analysis of Safety and Efficiency of Stem Cell Treatment - **10.1109/ICPECTS62210.2024.10780006 - IEEE**

<b>SDP, WORKSHOP, Webinar</b>		
<b>Name of the Programme</b>	<b>Organized by</b>	<b>Date</b>
Technical Communication for Engineers	NPTEL	July – August - 2024
Introduction to Machine Learning	NPTEL	July – September 2024
Recent Trends in Embedded Systems and IoT (RTESIoT-2024)	GMR and Sri Sairam Institute of Technology	27-05-2024 to 01-06-2024
Social Network Analysis	National Institute of Technical Teachers Training Research	10/06/2024 to 14/06/2024
Analytics for Beginners	National Institute of Technical Teachers Training Research	19/02/2024 to 23/02/2024
Data Analytics and Machine Learning	SRM Institute of Science and Technology	21-08-2023 to 25-08-2023
No Code and Low Code	Sairam Engineering College & LTI mindtree	19-12-2022 to 23-12-2022
Team Building, Creativity and Innocation	LTI mindtree	24-06-2022
Recent Trends in Cloud Computing	Easwari Engineering College	29-03-2021 to 05-04-2021 (7 Days)
Recent Trends in Information Technology	St.Joesph Institute of Technology	<u>13-07-2020 to 18-07-2020</u> (6 Days)
Embrasing the Creative side of Teaching and learning methods	RMK College of Engineering and Technology	29-06-2020 to 03-07-2020 (7 Days)
Angular and Business Intelligence	St.Joesph Institute of Technology	30-05-2020 to 31-05-2020 (2 Days)
Data Science using Python	<u>CSI chapter Kanchipuram</u> <u>Mohamed Sathak A J College of Engineering</u>	<u>25-05-2020 to 30-05-2020</u> (6 Days)
Data Science using Python	Jeppiaar Institute of Technology	18-05-2020 to 22-05-2020 (5 Days)
Cyber Security	Vignana Bharathi Institute of Technology, Hyderabad	14-05-2020
CS6701 - Cryptography and Network Security	Panimalar Institute of Technology	11-05-2020 to 15-05-2020 (5 Days)

Latest Trends and challenges in IT industry	RMD Engineering College	<u>15-06-2020 to 20-06-2020</u>
		<u>(6 Days)</u>
Python 3.4.3 and R	Easwari Engineering College (Spoken Tutorial Project, IIT Bombay)	20-04-2020 to 30-04-2020 (10 Days)
Cloud Computing	NPTEL	Feb'19
"IOT Business 4.0 " & "Block chain Technology"	Tata Consultancy Services, Siruseri	27-10-18
Cloud and Automation	Tata Consultancy Services, Karapakkam	28-12-2016 to 06-01-2017 (10 Days)
Software Testing	Tata Consultancy Services	14-11-2014
Cloud Computing	Tata Consultancy Services	05-05-2014
Creativity and Innovation	Cognizant	05-09-13

#### Technical Certification:

- **Programming with Python for Data Sciences certification from NIIT.**
- **Programming, Data Structures and Algorithms using Python certification from NPTEL.**
- **Cloud computing certification from NPTEL.**
- **Introduction of Internet things Certification from NPTEL**
- **Introduction to Machine Learning Certification from NPTEL**
- **Technical Communication for Engineers from NPTEL**

#### Book Chapter :

S.No	TITLE	AUTHOR	EDITION	VOLUME	ISBN
1	Cloud Computing	Mr.T.Prabhar Godwin James Mr.R.Vedamoorthy Mr.M.Vaithyanathan Mr.J.thirunavkkarasu	1	1	978-93-5625-590-6
2	Fundamentals of Artificial Intelligence and Robotics	Ms.S.Sheeba Rachel Mr. M.Vaithyanathan Lumbini Bhaumik Mr.C.Nandhakumar	1	1	978-93-6132-738-4