


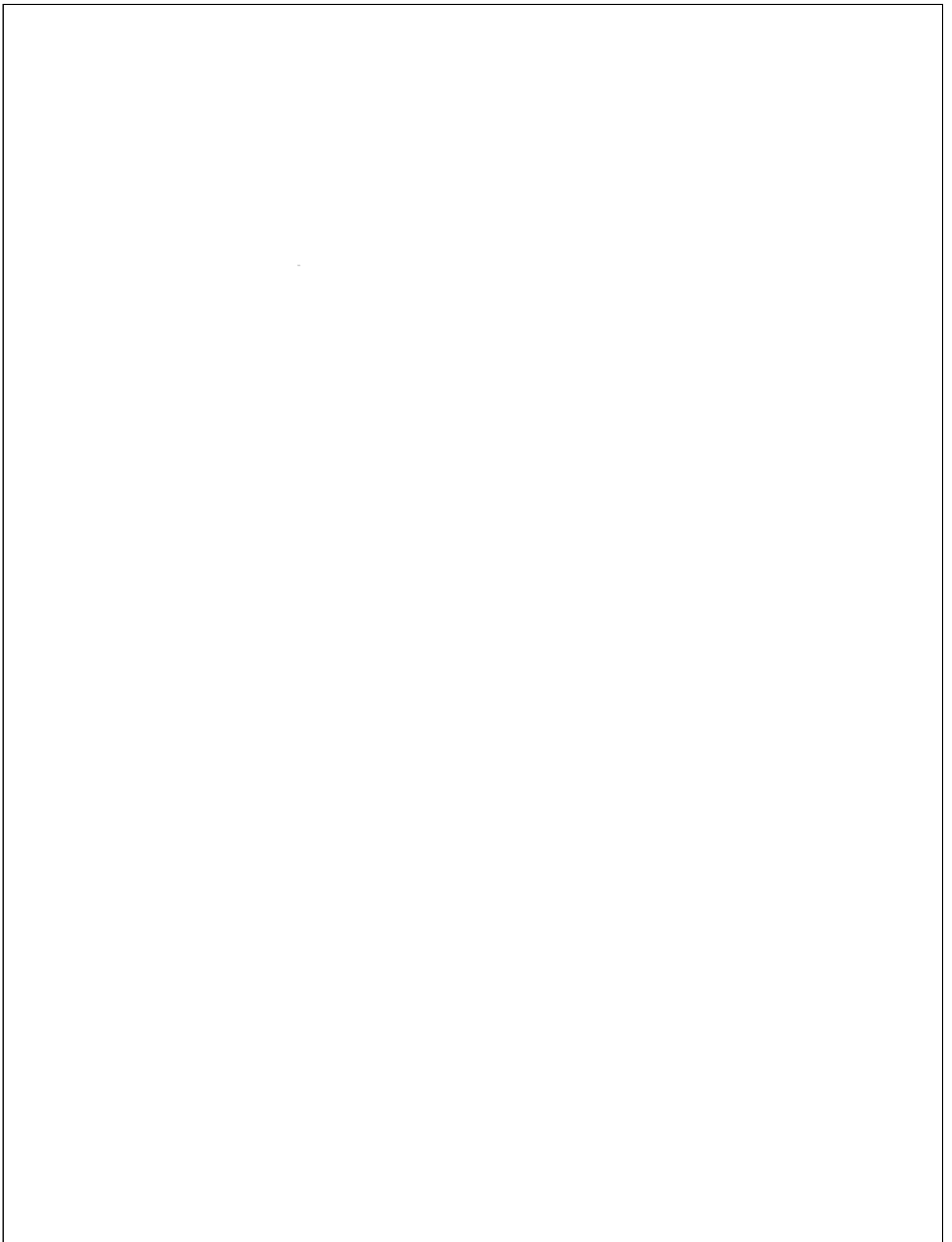
<b>Name:</b>	 <b>SANDHYA J</b>			
<b>Designation:</b>	<b>ASSISTANT PROFESSOR GRADE III</b>			
<b>Qualification:</b>	<b>M.E</b>			
<b>Area of specialization:</b>	<b>RF, ANTENNA DESIGN</b>			
<b>Experience : (As On Dec 2022)</b>	<b>Industrial Experience</b>		<b>Teaching Experience</b>	
	-		2 years	
<b>Number of workshop / FDP attended:</b>	<b>Number of Workshops</b>		<b>Number of FDPs</b>	
	12		17	
<b>Publications:</b>	<b>Conference</b>		<b>Journal</b>	
	<b>National</b>	<b>International</b>	<b>National</b>	<b>International</b>
	2	6	-	2
<b>Patents:</b>	<b>National</b>		<b>International</b>	
	-		-	
<b>Professional Body Membership:</b>	<b>IAENG (International Association for Engineers)</b> <b>IEEE (Institute of Electrical and Electronics Engineers)</b>			

<b>Staff Achievements:</b>	<ol style="list-style-type: none"> <li>1. Completed 6 modules in NITTTR conducted by AICTE on July 2022.</li> <li>2. Completed NPTEL online certification course on Electromagnetic waves in Guided and wireless media on Feb-Apr 2021.</li> <li>3. Appreciated for Remarkable service as a mentor and acting as a guiding star by supporting, motivating and enlightening the student fraternity towards development.</li> <li>4. Organized webinar on antenna concepts and introduction to 5G on march 2021 at Sri Sairam Engineering College.</li> <li>5. Completed the AICTE-ISTE approved orientation programme on Neuromorphic computing for AI by KPR institute of technology and engineering ,Coimbatore from 24 to 31 Dec 2021.</li> <li>6. Completed python training at Sairam Engineering College offered by Spoken Tutorial Project, IIT Bombay on 10 Nov 2022</li> <li>7. Completed NPTEL online certification course on Introduction to Internet of Things on July-Oct 2022</li> </ol>
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<b>Workshop Details:</b>	<b>Sl. No.</b>		<b>Venue</b>	<b>Month/Year</b>
	1	Robo Hack	Raja Annamalai Mandram,	March 2015
	2	Laser and Photonics	Saveetha Engineering College	March 2015
	3	Android App development	Saveetha Engineering College	July, 2017
	4	Skill development in C programming	MIT ,Anna University	December 2019
	5	IoT and cloud computing	MIT ,Anna university	December 2019

6	SSTTP on Industrial Robotics- Basics-KUKA	MIT ,Anna University	December 2019
7	LABVIEW	MIT, Anna University	Feb 2021
8	Research and development activities	Sri Sairam Engineering College	Dec 2020
9	Tinker your ideas to the next level	Sri Sairam Engineering College	May 2021
10	Orange data mining tool	Sri Sairam Engineering College	May 2021
11	Engineering Signal Processing and Communication Systems using FPGA (Online-mode).	Madanapalle Institute of Technology and Science, Madanapalle	26-30 July 2022
12	Designing and modelling of IoT , AI AND ML system	AICTE ATAL Academy ,Arm Education and STMicroelectronics	Aug 1 to 5 ,2022

FDP DETAILS	S.NO	TITLE	VENUE	MONTH/YEAR
	1.	Airtificial Intelligence for Robotics (online)	Sri SaiRam Engineering College	December 2020
	2.	Lab on chip (online)	S.R.M institute of science and technology	January 2021
	3.	Smart Cities(online)	Vellore Institute of Technology.	February 2021
	4.	Precision Health Technology(online)	Thiagarajar College of Engineering	December 2020
	5.	Cognitive radio, Antennas & millimeter wave communication(online)	Saranathan college of engineering.	June 2021
	6.	D3(Design,Develop,Decode)GUI Based FPGA programming	SRMIST ,Vadapalani	December 2021
	7.	Advances in VLSI, Embedded and Signal Processing	Sri SaiRam Engineering College	June 2021
	8.	Advances in Photonics and Fiber Optics Technologies	IETE Chennai Centre & IEEE Photonics Society Madras Chapter	June 2021
	9.	Six Sigma for industrial projects	Sri SaiRam Engineering College,MHRD Institution Innovation council(SEC-IIC) in association with MSME	Feb 2021



10.	Advanced Electromagnetics and Applications	SSN	May 2021
11.	Signal Processing Systems & Optical Communication	Sri Sairam Engineering college	May 2021
12	Electromagnetic waves in Guided and wireless media	NPTEL- All India Council for Technical Education(AICTE) funded by MoE Govt of India	Feb-Apr 2021.
13.	Inculcating Universal Human Values in Technical Education	All India Council for Technical Education(AICTE)	August, 2021.
14.	Deep learning and its application.	Sri Sairam Engineering college IEEE Signal Processing Society Madras Chapter in association with Department of Electronics and Communication Engineering, Kumaraguru College of Technology, Coimbatore	11 - 15 July 2022
15.	Image, Audio, & Video Processing for Pattern Recognition	IEEE Signal Processing Society Madras Chapter in association with Department of Electronics and Communication Engineering, Kumaraguru College of Technology, Coimbatore	23 to 28 June 2022.
16	Introduction to Internet of Things	NPTEL- All India Council for Technical Education(AICTE) funded by MoE Govt of India	July-Oct 2022
17	Recent Trends in 5G Communication Networks	Sri SaiRam Engineering College IEEE Madras Chapter	Dec 26 2022 to Dec 30 2022

<b>Conference Details:</b>	<b>Sl. No.</b>	<b>Title</b>	<b>Venue</b>	<b>Month/Year</b>
	1	Performance Analysis of Corner Truncated Microstrip Antenna Incorporating Artificial Magnetic Conductor	Sri Sairam Engineering College, Chennai	February 2020
	2	CMOS implementation using ONOFIC and LECTOR analysis	Loyola Institute of Technology	February 2018
	3	Thin Film Technology	Saveetha Engineering College	April 2015
	4	Water and Renewable Energy	Saveetha Engineering College	April 2015
	5	Vehicle License plate recognition system	National Engineering College	December 2021

	6	Big data and Cloud Computing	Karunya Institute of Technology and Sciences	August 2021
	7	Implementation of Block Truncation Algorithm	SRM Valliammai Engineering College	April 2021
	8.	Mapping the surface water using convolution neural networks for Remote Sensing Technology	Sri Sairam Engineering College, Chennai	March 2022



<b>Journal Details</b>	<b>S.No</b>	<b>Title</b>	<b>Journal Name</b>	<b>Volume/Date</b>
i-Manager's journal on Software engineering (ISSN-0973-5151)	1.	Implementation of Block Truncation Algorithm	i-Manager	VOL 15 NO 2  Oct -Dec 2020
An UGC-CARE Approved Group II journal (ISSN NO-0898-3577)	2	RFID based parking System	Compliance Engineering	VOL 12 ISSUE 8  Aug 2021

### **Additional Details:**

- **Completed Diploma in Computer Application in Computer Software College in May 2014**
- **Organized the event “TREAT FOR TWEET” during IETE student Forum sponsored colloquium held on 2018 in Saveetha engineering college**
- **Co-ordinated an event named “BRAINY BOT” conducted by Saveetha engineering college in 2017.**
- **Part of Volunteers for “Save A life”- Guinness record breaking event in 2015.**
- **Eminent record maker with “world records” in RoBo Hack’15 conducted by kaashiv InfoTech Team in 2015**
- **Attained 100% attendance in BE during all semester towards all environment.**
- **Attained “Rocking Reader” Class Award in Saveetha engineering college in 2018**
- **Presented poster titled “CMOS implementation using ONOFIC and lector analysis” in International conference on smart structures and systems (ICSSS 2017) on 2018.**
- **Industrial Visit to ISRO Centre, Sriharikota in 2018**
- **Industrial visit to Traco Cable Company and Keltron in Kerala in 2018.**
- **Undergone Implant training at BSNL, Chennai in 2016.**
- **Attended NAAC sponsored two days national level seminar on “Revised Accreditation framework for quality enhancement in high**

**educational institutes during July 2021 by Sri Sairam engineering College**

- **participated in the International Webinar Programme on “Electrical Design Methodology for Industries” organized by the Department of Electrical and Electronics Engineering, Arasu Engineering College, Kumbakonam on feb 2021**
- **participated in the Guest Lecture Programme on “Recent Trends in Smart Grid” organized by the Department of Electrical and Electronics Engineering, Arasu Engineering College, Kumbakonam on 29.01.2021**
- **participated in the Webinar on “Intelligent receiver design and future communication for 6G technology” organized by IETE Mysuru Centre held on 13th March, 2021.**
- **Participated in the Online Webinar on Outcome Based Teaching Learning Process in Technical Education"Conducted by this Institute on 06.05.2021.**
- **Participated in the Online Webinar on Research journal finding and reference management through web of science and scopus - Research management on June 2021**
- **Participated in the Online Webinar on photoshop by skill development and photography club at Sri Sairam Engineering College on sep 2021.**

- **Attended a keynote session on Integrating blockchain in IoT - concepts and examples on march 10,2022 at Sri Sairam Engineering College.**
- **Attended a keynote session on AI and IoT New Revolution on march 10,2022 at Sri Sairam Engineering College**
- **Attended a keynote session on SWIPT(Simultaneous Wireless Information and Power Transmission for space Exploration on march 10,2022 at Sri Sairam Engineering College.**
- **Attended a keynote session on Wearable health tech for cancer supportive care on march 11,2022 at Sri Sairam Engineering College.**
- **Attended “Technical Session on All about Drones” conducted through the e-Yantra Lab Setup Initiative (eLSI) on 16th August 2022 by IIT bombay.**
- **Attended “Technical Session on Basics of Self Balancing Robot” conducted through the e-Yantra Lab Setup Initiative (eLSI) on 9th August 2022 by IIT bombay**
- **participated in IP Awareness/Training program under National intellectual property awareness mission on April 12, 2022 organized by Intellectual Property Office, India**
- **Participated in VTS inauguration talk on SET protocol architecture on 17.11.2022 by IEEE madras section vehicular technology society chapter .**

- **Attended technical talk on Massive Ultra-Reliable Low Latency Connectivity (mURLLC) in 6G on 24.11.2022 by IEEE madras section vehicular technology society chapter**
- **Attended technical talk on Reconfigurable Intelligent and Holographic Surfaces for Wireless Communications**
- **Attended technical talk on Reconfigurable Intelligent and Holographic Surfaces for Wireless Communications on 2.12.2022 organized by IEEE madras section vehicular technology society chapter**
- **Attended technical talk on Integrating Terrestrial and Non-terrestrial Networks: 3D Opportunities and Challenges on 20.12.2022 organized by IEEE madras section vehicular technology society chapter**
- **Attended lecture series on ultrafast optics and photonics: biomedical, scientific and industrial applications from 24th Dec 2022 to 25th Dec 2022 organized by “NSUT Delhi Optica Student Chapter” of ECE Department, NSUT Delhi.**