Name:	**N.NAZEEYA ANJUM** **(SECT13EC01)** **nazeeyaanjum.ece@sairam.edu.in**	
Designation:	ASSISTANT PROFESSOR - I	
Qualification:	M.E;	
Area of specialization:	ANTENNAS, EMBEDDED SYSTEMS, SENSORS	

Experience : (As On NOV2022)	Industrial Experience	Teaching Experience
	NIL	21.4

Number of workshop / FDP attended:	Number of Workshops	Number of FDPs
	16 + 6 (online certification) + **7 (webinars)**	**13**

Publications:	Conference		Journal	
	National	**International**	**National**	**International**
	4	**6**	**4**	**7**

Patents:	National	International
	1	-

Professional Body Membership:	Life Member of Indian Society of Technical Education (**ISTE**) Membership no: **LM 131455** Institute of Electrical & Electronics Engineer (**IEEE**) Membership no: **98089754** International Association Of Engineers (**IAENG**) Membership no:**278111**

Staff Achievements:	Appreciated for the role of Mentor / Supervisor for winning team of South Indian Hackathon Fest – 2022 . The Team SENTER won a whooping cash of one lakh from AICTE India and stood First under software category for the project Fortified Security System. Appreciated for the role of Mentor / Supervisor for winning team of Sairam SDG Solvethon 1.0 for the project titled Battery Life Cycle Improver using Node MCU & Relay. Coordinated an event "Awareness on SIH " on 28.09.2022 Authored a book chapter Design of practical miniaturized antenna to support IOT applications for the book Antenna design for Narrowband IOT: Design, Analysis & Applications, published by IGI Global publishers. Appreciated for the role of Mentor for ATL Tinkerpneuner 2021 by AICTE Coordinated Value added program Embedded Protocol Developer during 29.09.2021 – 01.10.2021. Recognized as Student Chapter Advisor for IEEE – Instrumentation & Measurement society and organised Webinars & Seminars for the students under the Chapter. Coordinated Training on AutoCAD – event organized by Robotics club of SSEC from 10.12.2020 & 11.12.2020 Appreciated for the role of mentor by IIT Madras for the NPTEL online certification course"Effective Engineering Teaching in Practice". Certified as Topper in the NPTEL online certification course "Antennas" conducted by IIT Madras during Jan'18 – Apr'18 and secured a consolidated score of 81%. Gave a Guest Lecture in Faculty Development Programme on "EC6651 – Communication Engineering" on 13th November 2017 at Valliammai Engineering College. Katankulathur, Chennai. Coordinated Anna University Sponsored Seven Day FDTP programme on "EC6702 – Optical Communication & Networks" from 31st May to 7th June 2017. Consistent winner of cash award for producing 100% results for three consecutive years from 2013 to 2016. Received Award of Excellence from management of Dr. M.G.R University and Research Centre, for producing good results for the Subject "Antennas & Wave propagation" on 5th Sep 2011.

Workshop Details:	Sl. No.	Title	Venue	Month/Year
	1	Industrail Visit / Training – RF circuits & components – Design & Manufacturing	Urjita Electronics , MPEZ , Chrompet.	17.09.2022
	2	Six days QIP (AICTE) sponsored short term course on Components of Research process in Engineering.	IIT , Nagpur	20.2.2022 - 25.2.2022
	3	Three weeks KALAM Internship on Wearable Antennas by Tesla Minds	Tesla Minds	12.10.2020 - 30.10.2020
	4	STTP (AICTE Sponsored) Research areas in Smart Antenna design for cubesat applications	Sri Sairam Institute of Technology.	31.10.2019 - 06.11.2019.
	5	Industrial Training for staff on Ventilators	Airliquide Systems, Thoraipakkam, Chennai	28.12.2018
	6	Hands on Training on RF circuits & Antennas	S.A. Engineering College	27.11.2017 - 29.11.2017
	7	ISTE sponsored STTP on Recent Trends and issues in wireless netwoks.	Sri Sairam Engineering College	3.8.2015 - 5..8.2015
	8	Faculty Enablement program on "A Step Ahead to Outcome based Accreditation"	Sri Sairam Institute of Technology.	4.4.2015
	9	Quality Management System & Audit training	Sri Sairam Engineering College	1.10. 2014
	10	NCACCT- 14	Sri Sairam Engineering College	11.04. 2014
	11	MISSION 10X High Impact Teaching Skills, by Dale Carnegie Associates & Wipro	Dr. M.G.R University	01.05.2012 05.05.2012
	12	Emerging Trends in optical Network Technologies	VIT Chennai	20.01.2012
	13	PLC Programming	Dr. M.G.R University	29th Jan 2011
	14	Wireless SensorNetwork & its Application	B.S.Abdur Rahman University	4th & 5th Aug 2010
	15	Recent trends in Embedded Systems	Aalim Muhammed College of Engineering	9th Oct 2004
	16	Virtual Instrumentation	National Instruments Bangalore	25th Sep 2004

FDP Details:	Sl. No.	Title	Venue	Month/Year
	1.	Five days AICTE sponsored FDP on Developing Effective Research Skills	PES College of Engineering	9.8.2021 – 13.8.2021
	2.	Five days AICTE sponsored FDP on Wearable devices & Antenna Technologies for IOT, Mobile & Telemedicine	Saveetha Engineering College	5.7.2021 – 9.7.2021
	3.	Five days AICTE sponsored FDP on Software Robots & Automation	Bharatiyar Cenetary memorial Government Womens polytechnic College	7.6.2021 – 11.6.2021
	4.	Five days AICTE sponsored FDP on Inculcating Universal Human Values in Technical Education	AICTE	8.3.2021 – 12.3.2021
	5.	Five days AICTE sponsored FDP on Biomedical Instrumentation & IOT		21.9.2020 to 25.9.2020
	6.	Five days AICTE sponsored FDP on wearable Devices	Krishna College of Technology	14.9.2020 to 18.9.2020
	7.	One week online Certificate Course onDigital Teaching Techniques	Kongu Engineering College	29.6.2020 – 04.07.2020
	8.	Two week FDP on Recent trends in Information , Computing, Communication and Teaching MethodologyCompetency	Online Conducted by, ICT Academy	04.05.2020 - 17.05.2020
	9.	Entrepreneurship career development program	Online Sponsored byMHRD , Conducted by SriSairam Engineering College	08th April 2019 – 12th April 2019
	10.	Attended FDP on " Engineering Teaching Pedagogy and effective Learning Process	Sairam Institute of Management Studies	3.12.2018 – 7.12.2018
	11.	Guest Lecture in FDP on "EC6651 - Communication Engineering"	Valliammai Engineering College	13.11.2017
	12.	Coordinated Anna University Sponsored Seven Day FDTP programme on "EC6702 Optical Communication & Networks"	Sri Sairam Engineering College	31st May to 7thJune 2017.
	13.	Foundation skills in Information Technology, conductedby ICT Academy of Tamilnadu, in association with NASSCOM	Dr. MGR University	10th to 14th Dec2012

Certificate Courses Details:	S. No	Title	Offered by	Certificate date
	1.	CST Antenna design	Udemy	24.05.2021
	2.	Smithchart Mastery	Tesla Minds	01.11.2020
	3.	The Sustainable development Goals –A global Transdisciplinary vision for Future	Four week course Authorized by University of Copenhagen, offered by Coursera.	04.09.2020
	4.	The Data Scientist 'sToolbox	Four week course Authorized by John Hopkins University offered by Coursera	27.05.2020
	5.	Introduction to Data Analysis using Excel	Four week course Authorized by RiceUniversity , offered by Coursera	12.05.2020
	4.	Foundation Artificial Intelligence	Industry approved & Validated course – 4 weeks by Skillup – NASSCOM Foundation AI Curriculum	28.04.2020
	5.	Introduction to Dataanalytics	Self-Paced course , by Simplilearn Sponsored by NASSCOM – Future Skills	09.04.2020
	6.	Introduction to Artificial Intelligence	Self-Paced course , by Simplilearn Sponsored by NASSCOM – Future Skills	01.04.2020

Conferences Details:	S. No	Title	Venue	Date
National:	1.	Solar powered multipurpose incubation system using arduino	Dr MGR University	17.5.2021 – 18.5.2021
	2.	Skin cancer detection using Adaptive Mean Shift Algorithm	Rrase College of Engineering.	24th March 2018
	3.	Integrated Multi parameter wireless portable recording system	Sethu institute of technology	16th &17th March 2006
	4.	Advanced identification of Fingerprint recognition system	Aalim Muhammed Salegh college of engineering	9th Oct 2004
International :	1.	A novel approach in the development of an application to enhance the conventional attendance system using opencv	International Conference for Women in Multifaceted Research (ICWMR)-2021	8.3.2021- 9.3.2021
	2.	Parametric analysis of a small button shaped antenna camouflage with fabrics for body wearable applications	IC3IOT -2022 , Sri SairamEngineering	10.3.2021 – 11.3.2021
	3.	Augmented Security System for Commercial buildings by Manipulating Object Detection and Admin	IC3IOT -2022 , Sri SairamEngineering	10.3.2021 – 11.3.2021
	4.	Electric DriverlessSmart Car	IC3IOT , Sri Sairam Engineering	20.02.2020 – 22.02.2020
	5.	Implementation of Health-IOT System Using Unobtrusive Bio-sensor	Meenakhi Engineering College	02. 04. 2016.
	6.	Standalone hybrid Solar – Wind powergeneration System.	Saveetha Engineering College	06.04.2016 – 08.04. 2016

	Sl. No	Title	Journal Name	Volume/Date
Journal Detail	1.	"Simulation and Design of Low Noise Amplifier"	International Journal of Innovative Technology and Exploring Engineering – IJITEE,	indexed by Scopus, Online ISSN: 2278-3075, Volume-9, Issue-1, Nov 2019, pages – 2968 - 2970.
	2.	IOT Based HealthMonitoring System	International Journal of Researchand Analytics Review – IJRAR,	E-ISSN 2348-1269, P-ISSN 2349-5138, UGC approved journal, Volume-6, Issue-3, June 2019, pages 37- 40
	3.	Design of Micro strip Patch Antennafor 2.45 GHz Wireless Applications	Journal of Recent Research in Engineering and Technology – JRRET	Online ISSN: 2349- 2260 JRRET Impact Factor: 2.16 Vol.2 No.4 (April 2015)
	4.	A Novel Approach toImplement Geo-informatic Ambulance Aiding in FasterTransport with ADAS	Studies in Indian Place Names (UGCCare Journal)	ISSN: 2394- 3114,Vol-40, issue1(s1), January 2020, Pages 47 – 53.
	5.	Design of Microstrip patch antenna with slottedground and patch to support multiband applications	Journal of Xi'an University of Architecture & Technology	ImpactFactor: 3.7, Online ISSN No: 1006-7930,Volume-12, Issue-12,December 2020, Page No – 64-70.
	6.	Ethanol Concentration Detector with Statistical Logger Using Iot Cloud Service	European Journal of Molecular & Clinical Medicine	Online ISSN No 2515-8260, Volume 9, Issue -7, pages 5593-5599
	7.	Design of a Practical Miniaturized Antenna to Support IoT Applications	Design for Narrowband IoT: Design, Analysis, and Applications	IGI Global, 2022, pp. 72-91. https://doi.org/10.4018/978-1-7998-9315-8.ch006
	8.	A Study on Segmenting Brain Tumor MRI Images	Journal of Computational Science & Intelligent Technologies	eISSN: 2582-9041 Volume 2, Issue 1 pages: 01 –06, October 2021

	Sl. No	Title	Journal Name	Volume/Date
Journal Detail	9.	IoT based Health Monitoring System with Voice Control Module	i-manager's Journal on Mobile Applications and Technologies	Vol. 7, Iss. 2, (Jul/Dec 2020): 32- 40. DOI:10.26634/jmt.7.2.18205
	10.	Design of Microstrip patch antenna with slotted ground and patch to support multiband applications	Journal of Xi'an University of Architecture & Technology	ISSN No : 1006-7930 Volume XII, Issue XII, 2020, Page No: 64-70
	11.	A novel approach in the development of an application to enhance the conventional attendance system using opencv	Multidisciplinary Researches during Covid Era- Book Chapter	ISBN: 978-81-952196-0-5, Pages 93-97
Patent Detail	1.	Voice Operated Intelligent wheel chair	Indian Patent Office , Chennai.	Application number 202041054210 A Status: Filed

Additional Details:

1. Have guided many projects in under graduate level.

2. Appreciated for the role of mentor by IIT Madras for the NPTEL online certification course

   "Effective Engineering Teaching in Practice".

3. Certified as Topper in the NPTEL online certification course "Antennas" conducted by IIT Madras

   during Jan'18 – Apr'18 and secured a consolidated score of 81%.

4. Produced 100% result in the University Examination held during Apr – May 2018, Nov- Dec 2014 and

    Nov – Dec 2013.

5. Was awarded 'Award of Excellence' in Dr. M.G.R university for producing consecutive 100% results
in the subject Antennas & Wave propagation.

6. Have organized technical symposium 'KALAM -12' in Dr. M.G.R university in 2012.

7. Have actively co- ordinated many technical and non –technical event