



Sri SAI RAM INSTITUTE OF TECHNOLOGY

An Autonomous Institution | Affiliated to Anna University & Approved by AICTE, New Delhi
Accredited by NBA and NAAC "A+" | An ISO 9001:2015 Certified and MHRD NIRF ranked institution
Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairamit.edu.in



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Name : M.RAZMAH	 Photo:
Designation	Assistant Professor Gr-III
Qualification	M.E
Area of Specialization	Applied Electronics
Experience	UG :8.9 PG:- Industrial Experience : -
No. of workshop / Conferences / FDP/Webinar attended	Workshops & FDP : 4 & 13 Webinar:4 STTP:2 International Conference :3 National Conference : 1
No. of workshop / Conferences / FDP /Webinar organized	Workshops: 2 FDP: - Webinar:2 International Conferences: - National Conferences : 1
No.of Funded Projects	-
No.of Research Guidance	-
Membership in Professional Bodies	INDIAN SOCIETY FOR TECHNICAL EDUCATION Membership Number:LM 128076 INTERNATIONAL ASSOCIATION OF ENGINEERS –IAENG Membership Number:216304

PROFESSIONAL EXPERIENCE:

S.No	Organization	Post Held	Number of Years	From	To
1.	Sri Sai Ram Institute of Technology	Assistant Professor Gr-III	8Yrs.9Mnths	13.06.2011	Till Date
2.	Jaya Engineering College	Lecturer	10Mnths 6 Days	21.06.2010	27.04.2011

FACULTY ACHIEVEMENTS:

Publications	Journals	1. M.Razmah,R.Anitha “Substation monitoring and Control System using GSM” in Global Journal of Advanced Engineering Technologies .Volume 5,Issue 03,ISSN (online): 2277-6370, 2016.
	Books / Book Chapters / Monographs	1.Published a book chapter entitled “ENERGY AND POWER” in the book “COVID 19 and its IMPACT”. ISBN:978-81-947019-4-1
	Conferences	
	Patents	1.Published a patent on “ DESIGN AND DEVELOPMENT OF HIGH EFFICIENT LUO CONVERTER WITH FUZZY LOGIC CONTROLLER FOR DC MICROGRID ” on 05/02/2021. 2.Published a patent on “ SENSING AND FORECASTING CROWD DISTRIBUTION IN SMART CITIES USING IOT ” on 02/5/2021.
	Events organized	1.Organized a webinar on “ APPLICATION OF CLOUD COMPUTING IN ELECTRICAL ENGINEERING ” by Mr.S.A.Yasin Senior Developer of Cognizant Technology Solutions,Chennai,Tamil Nadu at Sri Sai Ram Institute of Technology,Chennai on 15 th Dec 2020. 2.Organized a webinar on “ SILICON FABRICATION TECHNOLOGY AND APPLICATIONS ” by Ms.D.Shyamala Project Associate in Electrical Department,IIT Madras,Chennai at Sri Sai Ram Institute of Technology,Chennai on 12 th June 2021.

	<p>3.Organized Two days Workshop on “ELECTRICAL SYSTEM ANALYSIS USING ETAP” by Live Wire at Sri Sai Ram Institute of Technology on 25th and 26th of February 2019.</p> <p>4.Organized National Conference on “INNOVATIVE SOLUTIONS IN ELECTRICAL ENGINEERING SCIENCE” at Sri Sai Ram Institute of Technology on 4th April 2016.</p> <p>5.Organized Two days Workshop on “ORCAD –PSPICE” at Sri Sairam Institute of Technology by Live Wire,Saidapet (A division of CADD Centre) on Aug 5th and Aug 6th 2015.</p>
<p>Events attended</p>	<ol style="list-style-type: none"> 1. Participated in the six days Faculty development programme on “EE8702-POWER SYSTEM OPERATION AND CONTROL” conducted by the department of Electrical and Electronics Engineering of SRM valliammai Engineering college during 17th May 2021 to 22nd May 2021. 2. Participated in the online webinar on “Intellectual property Rights(IPRs) & Patent Process” at vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College Avadi,Chennai ,Tamil nadu on 30th March 2021. 3. Participated in the SERB Core Research Grant sponsored Three days workshop on “Challenges and Opportunities in Future Electric vehicles charging” held during March 12th to 14th 2021 conducted by SRM Institute of science and Technology,Chennai-603 203. 4. Participated and completed ATAL online FDP on “Electric Vehicles”from 8-2-2021 to 12-2-2021 at KPR Institute of Engineering and Technology. 5. Participated and completed the six days AICTE sponsored online short term Training programme on “Challenges and opportunities in Implementing IOT and Machine Learning for smart Grid distribution system (Phase-III) from 18.01.2021 to 23.01.2021 at Kongunadu college of Engineering and Technology ,Thottiam, Trichy District,Tamil Nadu. 6. Participated and completed ATAL online FDP on “Internet of Things (IOT) ”from 7-9-2020 to 11-9-2020 at Sri Sai Ram Institute of Technology.

7. Participated and completed ATAL online FDP on “Energy Engineering ”from 23.11.2020 to 27-11-2020 at Government College of Technology.
8. Participated in Webinar on “Electric Energy Conservation and Management in Process Industry held on 26th Dec 2020 at Sri Sai Ram Institute of Technology,Chennai .
9. Participated and completed the AICTE sponsored Six days online Short term Training Programme on Challenges and opportunities in Electric vehicle Technologies Adoption –series 02 at Sri Krishna College of Technology ,Coimbatore from 14/12/2020 to 19/12/2020.
10. Attended one week Faculty development Programme on Engineering and Management Teaching pedagogy –an Industry perspective from 11/5/2020 to 16/05/2020 at Sri Sai Ram Institute of Technology ,Chennai-Tamil Nadu.
11. Attended a webinar entitled “ Introduction to Smart Grids” on May 09 2020 at SNS College of Technology,Coimbatore.
12. Participated in an online webinar on “3D Printing Applications in fighting with COVID-19 ON 09/05/2020 at Sri Sai Ram Institute of Technology,Chennai.
13. FDP on Electronic Modules on Industrial Applications using Op-Amp from NPTEL – AICTE in period Jan-feb 2019.
14. FDP on Stress Management from NPTEL-AICTE in period June-November 2019.
15. Attended Two days Workshop on “ETHICAL HACKING AND CYBER SECURITY” in association with pristine Infosolutions pvt Ltd.,Mumbai held on 22nd and 23rd February 2019 at AMET Deemed to be University.

16. Attended Two days FDP on RECENT TRENDS on RENEWABLE ENERGY and POWER ELECTRONICS using MATLAB in association with Pantech ProEd Pvt Ltd at AMET University from 15.09.2017 to 16.09.2017.
17. Attended Three days FDP on ELECTROMAGNETIC THEORY AND CONTROL SYSTEMS organized by Sree Sastha Institute of Engineering and Technology from 19.06.2017 to 21.06.2017.
18. Attended Two days IET Sponsored FDP on POWER SYSTEM ANALYSIS using ETAP at KCG College of Technology from 22.06.2017 to 23.06.2017.
19. Attended Two days International Workshop on Power System studies using ETAP and Digsilent in S.A Engg College Chennai from 04.05.2017 to 05.05.2017.
20. Attended Seven days Faculty Development Programme on Power Electronics organized by Centre for Faculty Development at Sri Sairam Institute of Technology from 1st to 8th June 2015.
21. Attended Two days ISTE Sponsored Faculty Development Programme on “ Electromagnetic Field theory and Transmission Lines “at Sri Sairam Institute of Technology on 25th and 26th June 2015.
22. Attended two days Faculty Development Programme on Analog System Design using ASLK pro organized in association with Starcom Information Technology Ltd and Texas Instruments (India) University Program at Anand Institute of Higher Technology ,chennai during May 20-21,2015.
23. Attended one day Workshop on” Recent Trends in Renewable energy” at Sri Sairam Institute of Technology on 31st March 2015.
24. Attended two days National Conference on “Communication and Nano Electronics Technology”- 2011 organized by Sri Sairam Institute of Technology from oct 12 2011 to oct 14 2011.

	<p>25. Presented Three papers entitled 1. "Reduction of Transients in PCB Traces" 2. "Crosstalk Minimization in Micro-strip Lines using Electromagnetic Band Gap Structures." 3. "Design of Meander Delay Lines and Near End Crosstalk Analysis (next) in High Speed printed circuit Boards- <u>INTERNATIONAL JOURNAL OF COMPUTER NETWORKS AND COMMUNICATIONS (IJCNC)</u> <u>INTERNATIONAL CONFERENCE ON "SYSTEM ON CHIP "(SoC)" at S.N.R Sons College (Autonomous, Coimbatore)</u></p>
Awards Received	-
Details on Funded Projects	-
Details on Thesis	-
Details on Research Guidance	-