



# Sri SAI RAM INSTITUTE OF TECHNOLOGY

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Sai Leo Nagar, West Tambaram, Chennai - 44. www.sairamit.edu.in

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Name : **R.JANAKI**  
 Designation : **AP G-III** Date of Joining: 03.06.2013  
 Email : janaki.ece@sairamit.edu.in  
 Qualification : **M.E.,**  
 Specialization : **APPLIED ELECTRONICS**  
 Research Interest : **NETWORKS**



Experience in years : **Teaching** UG  PG  **Industry**

No. of Workshop/Conferences/  
 FDP attended : Workshop  Conferences  FDP

No. of Workshop/Conferences/  
 FDP Organized : Workshop  Conferences  FDP

Professional Membership	IEEE MEMBER, IEANG MEMBER
Publications	National :
	International: 1
	Book :
Research Funded Projects	-
Patents	-

Achievements	<ul style="list-style-type: none"> <li>• OBTAINED 100% IN RF AND MW ENGINEERING</li> <li>• OBTAINED 100% IN COMPUTER NETWORKS</li> <li>• OBTAINED 100% IN COGNITIVE RADIO</li> <li>• OBTAINED 100% IN DIGITAL COMMUNICATION</li> </ul>
Any Other Information	RECEIVED NPTEL ELITE CERTIFICATE FOR THE COURSE “OUTCOME BASED PEDAGOGIC PRINCIPLES FOR EFFECTIVE TEACHING”-

**List of Workshop attended:**

1. “TEACHING EXCELLENCE IN ENGINEERING & MANAGEMENT CURRICULAM” ON 20TH AND 21ST JUNE 2016 AT SRI SAIRAM ENGINEERING COLLEGE.
2. HOW TO WRITE RESEARCH PAPERS FOR REFEREED JOURNAL, ON 24TH JANUARY 2015, AT SAI RAM INSTITUTE OF TECHNOLOGY.
3. RECENT TRENDS IN RENEWABLE ENERGY, AT SRI SAIRAM ENGG COLLEGE, ON 31<sup>ST</sup> MARCH 2015.
4. ISO AUDIT TRAINING, BY CREATIVE MANAGEMENT CONSULTANTS, AT SRI SAIRAM INSTITUTE OF TECHNOLOGY, ON 11<sup>TH</sup> DECEMBER 2012.
5. “EMERGING TRENDS AND FUTURE PERSPECTIVE IN IMAGE PROCESSING AND COMPUTER VISION” ON 22ND & 23RD SEPTEMBER, 2015 AT SAIRAM INSTITUTE OF TECHNOLOGY.
6. QUALITY MANAGEMENT SYSTEMS AND INTERNAL AUDIT TRAINING BY CREATIVE MANAGEMENT CONSULTANTS AT SRI SAI RAM INSTITUTE OF TECHNOLOGY ON 23.4.18

**LIST OF NATIONAL / INTERNATIONAL CONFERENCES ATTENDED:**

1. DENSITY BASED INTELLIGENT TRAFFIC LIGHT CONTROLLER FOR NORMAL VEHICLES, INTERNATIONAL CONFERENCE, ICCST'17, 9TH AND 10TH MARCH 2017, AT SRI SAIRAM ENGG COLLEGE.
2. OFDM BASED SPECTRUM POOLING TECHNIQUES IN COGNITIVE RADIO TO ENHANCE SPECTRUM EFFICIENCY AND REDUCED COMPUTATIONAL COMPLEXITY, ICCST'17, 9TH AND 10TH MARCH 2017, AT SRI SAIRAM ENGG COLLEGE
3. PROPOSED MODEL FOR EFFICIENT SPECTRUM SENSING TECHNIQUES IN COGNITIVE RADIO NETWORK USING COMPRESSIVE SENSING & ITM, INTERNATIONAL COMPUTING COMMUNICATION SYSTEMS-ICACCS 2017, ON 6<sup>TH</sup> TO 7<sup>TH</sup> JAN 2017 AT SRI ESHWAR COLLEGE OF ENGG.
4. PRESENTED A PAPER IN THE NATIONAL CONFERENCE TITLED “DECIMATION OF IIR FILTERS USING VLSI” IN FEB 2009, AT VELLAMMAL ENGINEERING COLLEGE.

5. END TO END COMMUNICATION IN INDUSTRIAL WIRELESS NETWORKS USING RASPBERRY PI, INTERNATIONAL JOURNAL OF SCIENCE AND INNOVATIVE ENGINEERING & TECHNOLOGY, ISBN 978-81-904760-9-6 VOLUME 3 MAY ISSUE 2017

6. STUDY ON FAULT DIAGNOSIS TECHNIQUES IN COMBINATORIAL CIRCUITS IN INTERNATIONAL CONFERENCE ON INNOVATION AND EMERGING TRENDS IN ENGINEERING AND TECHNOLOGY, PANIMALAR INSTITUTE OF TECHNOLOGY ON 9<sup>TH</sup> AND 10<sup>TH</sup> MARCH 2018.

**LIST OF FDP ATTENDED:-**

1. TEN DAYS FDP ON “COMPUTER COMMUNICATION” IN NOVEMBER 2007 AT SRM ESWARI ENGINEERING COLLEGE, CHENNAI.
2. TEACHING EXCELLENCE IN ENGG & MANAGEMENT CURRICULUM, ON 20<sup>TH</sup> AND 21<sup>ST</sup> JUNE 2016 AT SRI SAIRAM ENGINEERING COLLEGE.
3. MODERN WIRELESS & DIGITAL COMMUNICATION, AT SCSVMV UNIVERSITY, KANCHIPURAM ON 27<sup>TH</sup> JUNE TO 1<sup>ST</sup> JULY 2016.
4. RF & MICROWAVE ENGINEERING, CONDUCTED BY CEG ANNA UNIVERSITY, AT K RAMAKRISHNAN COLLEGE OF TECHNOLOGY, TRICHY, ON 24<sup>TH</sup> TO 30<sup>TH</sup> MAY 2017.
5. ELECTROMAGNETIC FIELD THEORY AND TRANSMISSION LINES ON 25 & 26 JUNE 2016 AT SRI SAIRAM INSTITUTE OF TECHNOLOGY, CHENNAI
6. MODERN TEACHING AND LEARNING METHODOLOGIES FOR COMPETENCY DEVELOPMENT, AT JEPPIAR MAAMALLAN ENGG COLLEGE ON 3<sup>RD</sup> AND 4<sup>TH</sup> MAY 2017.
7. DIGITAL IMAGE PROCESSING, RF & EMBEDDED SYSTEM, AT SREE SASTRA INSTITUTE OF ENGG AND TECHNOLOGY, ON 20<sup>TH</sup> TO 22<sup>ND</sup> JUNE 2017.

**WORKSHOP / CONFERENCES / FDP ORGANIZED:-**

1. CO ORDINATOR FOR ORGANIZING FDP ON “COMPUTER NETWORKS” ON 6<sup>TH</sup> TO 13<sup>TH</sup> JANUARY 2016, AT SAI RAM INSTITUTE OF TECHNOLOGY.
2. CO-ORDINATOR FOR ORGANIZING NATIONAL CONFERENCE ON ADVANCED RESEARCH AND INNOVATIONS IN INFORMATION AND COMMUNICATION ENGINEERING ON 7<sup>TH</sup> MARCH 2017, AT SRI SAIRAM INSTITUTE OF TECHNOLOGY.