DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Name   : Dr.R.Prabha

Designation   : Associate Professor   Date of Joining: 19.06.2017

Email   : prabha.ece@sairamit.edu.in

Qualification   : Ph.D

Specialization   : Information and Communication Engg

Research Interest   : Wireless Networks

Experience in years   :   **Teaching** UG | 19.5 | PG | - | **Industry** | |

No. of Workshop/Conferences/
FDP attended   :   Workshop | 6 | Conferences | 9 | FDP | 5 |

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

Professional Membership	ISTE,IENG
Publications	National : -
	International: 5
	Book : -
Research Funded Projects	-
Patents	-
Achievements	• Obtained 100% result in Wireless Networks • Obtained 100% result in High Speed Networks • Obtained 100% result in Professional Ethics
Any Other Information	Received NPTEL Elite Certificate For The Course "Outcome Based Pedagogic Principles For Effective Teaching"

List of Publications:-

1.   Prabha R & Ramaraj N 2015, 'An Improved Multipath MANET routing using link estimation and swarm intelligence- EURASIP – Journal on Wireless Communication and Networking, vol. 173, Annexure-I 2672, pp. 1-9.

2.   Prabha R & Ramaraj N 2015, "Link Availability Estimation for Modified AOMDV Protocol", World Academy of Science, Engineering and Technology International Journal of Computer, Electrical, Automation, Control and Information Engineering Vol:9, No:3, 2015.

3.   R.Prabha & Raghul 2018, "A Novel Approach To Vehicle Authentication And Monitoring System" International Journal of Pure and Applied Mathematics Volume 118 No. 20 2018, 1371-1378

4.   R.Prabha & SaiPranathi 2018, "Smart Log Periodic Dipole Array Antenna (3.1ghz-11.6ghz) For Uwb Applications", Asian Journal of Applied Science and Technology vol 2 issue2 page 193-199

5.   R.Prabha & Balakrishnan 2018, "Effective feature set selection and centroid classifier algorithm for web sevices discovery", International Journal of Pure and Applied Mathematics Volume 119 No. 12 2018, 1157-1172

Workshop / Conferences / FDP Attended:-

FDP:

1.   Attended Workshop on "ANN & ITS Application" PSNA College of Engg, Jan-2003.

2.   Attended Workshop on "Staff Development Programmed" Anna University Chennai, 27th Jan 2003.

3.   Attended Workshop "Embedded System" Aug' 2006.

4.   Attended ISTE SRM sponsored STTP on "RF for Wireless Networks" 2011

5.   Attended workshop on "R&D Project Proposals Awareness Needs and Benefits Organized by Centre for Technology Development and Transfer" Anna University 2014.
6.   Attended "Tech workshop on Redhat (open source) Technology & Industry Adaptation" on March 2018 at Sri Sai Ram Institute Of Technology, Chennai, India.

7. AICTE-ISTE sponsored six days workshop on "Modern Pedagogy For Engineering Teachers In Making Digital India".May 21st to 26th, 2018 at Sri Sai Ram Institute Of Technology, Chennai, India.

International Conference

1. Presented paper "ARSTP: A Reliable Sensor Transport Protocol for Wireless Sensor Network" International National Conference on "ICICT-09" in Sai Ram Engineering College, Chennai, India.

2. Presented paper in International Conference organized by International Academy for science and technology "A Reliable Authentication between HeNB & eNB in LTE Networks".

National Conference

1. Paper "Advanced Seamless Vertical Handoff Architecture For WiFi and Wimax Heterogeneous Network with Qos Guarantees" National Conference on "CARCN-2010" at Satyabhama University, Chennai, India.

2. Paper "Advanced Seamless Vertical Handoff Architecture For WiFi and Wimax Heterogeneous Network with Qos Guarantees" National Conference on "EECS- 2010" at GKM Engineering College , Chennai, India.

3. Paper "ARSTP: A Reliable Sensor Transport Protocol for Wireless Sensor Network" National Conference On "EECS-2010" and won best paper award at GKM Engineering College.

4. Presented paper in National Conference on Microwave & Millimeter wave communication "A Reliable Authentication between HeNB & eNB in LTE Networks at Valliammai Engg college 2012, ISBN No: 978-81-926837-0-6.

5. Presented paper "Smart Log Periodic Dipole Array Antenna (3.1ghz-11.6ghz) For Uwb Applications " National Conference on "ARICE'2K18" in Sri Sai Ram Institute Of Technology, Chennai, India.

6. Presented paper "A Novel Approach to Vehicle Authentication and Monitoring System"" National Conference on "ARICE'2K18" in Sri Sai Ram Institute of Technology, Chennai, India