


Sri Sai Ram Engineering College

Department of Electronics and Communication Engineering

Name : Dr.P.PRAKASH	
Designation :	ASSOCIATE PROFESSOR
Qualification :	B.E,M.TECH,PH.D
Area of Specialization :	COMMUNICATION SYSTEMS
Experience :	Teaching- 21.5Yrs UG:19.5Yrs PG:2Yrs
	Industry: 1Yrs
Number of Workshops&Seminar/ Conferences/ FDP Attended:	Workshop&Seminar-11 National conference-04 International conference-07 FDP-04
Publication :	Journal: National: - International: 04
	Conference: National: 04 International:07
Research Guidance :	NIL
General :	(i)Life Member of ISTE (ii) International Association of Engineers(IAENG) (ii)Acted as a Anna university representatives(AUR)
Staff Achievement	1. Produced 100% result in Mobile Networks

	,Microprocessor,Professional ethics etc. 2.Received Best Teacher Award from LIONS CLUB OF MADRAS by 2010.
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Experience:(Details):

1. 20/06/2007 to Till now working as a Associate Professor in Sri Sairam Engineering College, Chennai.
2. Lecturer -5 yrs in Valliammai Enginneering College, Chennai.
3. Lecturer -2 yrs 3months in Jerusalem College of Engg, Chennai .
4. Associate Lecturer -1 yr 9months in Valliammai Polytechnic, Chennai .
5. Trainee -11 months in Lakhs Circuit product & Agencies,Chennai .

Course studied:

Obtained post graduate diploma in Digital Back end Design/Simulation from ATIIT,Chennai.

Workshop/Conferences/FDP:

1. Attended one day Seminar on “**Recent trends in utilization of non-conventional energy sources**” at Valliammai Engineering college on 10/08/05.
2. Attended one day work shop on“ **Mobile Computing**” at MNM Jain
On 01/08/05.
3. Attended Faculty Development Programme on “**Graphics & Multimedia**”
at Sri Sairam Engg college From 11/06/07 to 23/06/07.
4. Attended one day National workshop on “Recent trends in wireless information network and systems” at Sri Sairam Engg college on 01/02/08.
5. Attended two day work shop on “Design trends in Deep-Submicron CMOS VLSI”
at Anna university,Chennai from 28/03/08 to 29/03/08.
6. Attended one day Seminar on “Understanding Digital and Cellular Standards and their measurements” at MIT,Chennai on 30/04/10.
7. Attended one day work shop on “Recent developments in computing” at Sri Sairam Engg college during April 2010.
8. Attended one day work shop on “MIMO-OFDM Wireless Systems” at SRM University on 28/08/10.
9. Attended two day work shop on “VISI for signal processing”at MIT,Chennai from 14/03/11 to 15/03/11.

10. Attended one day staff development programme on “Instruction Design & Delivery” at Sri Sairam Engineering College.
11. Attended one day workshop on “Art of journal and thesis writing” at Sri Sairam Engg College” on 19/01/2012.
12. Attended two days workshop on “Network Design – A Practical Approach” at Sri Sairam Engineering College from 3/09/2013 to 4/09/2013
13. Attended one day FDP on “Introduction to Internet of things” at Sri Sairam Institute of technology on 24/01/2018 and 25/01/2018.
14. Attended six s FDP on “EC 8003-CMOS Analog IC Design” at Sri Sairam Engineering College from 25/11/2019 to 30/11/2019.
15. Attended two day FDP on “Research Challenges in VLSI and Communications” at MIT Campus, Anna University, and Chennai-600044 from 6/02/2020 to 07/02/2020.

Publication Detail:

Journal:

International:

1. **Prakash.P, B.Aarthika** “SYSTEM IMPLEMENTATION AND CHANNEL ESTIMATION OF MIMO DETECTOR”, **International Journal of Research in Communication Technologies- IJRCT Vol 01, Issue 01; April 2012.**
2. **Rini Franklin.F,Prakash.P**”Efficient Design of EDDR circuit for advanced Video coding/H.264”Published in International Journal of Emerging Technology and advanced Engineering”Volume 3,special issue1,January 2013.,ISSN 2250-2459.
3. **Himalaya.B,P.Prakash** “A Low complexity high throughput MIMO decoder on FPGA using VB algorithm”published in International journal of advanced and innovative Research”Volume 2,Issue 11,November 2013.,ISSN:2278-7844
4. **Prakash, P & Kannan, M** 2017, ‘Performance Comparison and Design Implementation of Low area Complex Matrix Multiplier Using FPGA Applied for MIMO Equalization in 5G Environments’,Journal of Computational and Theoretical Nanoscience, vol. 15, pp. 1-12, 2018 (**Impact factor-1.42**)

Conference:

National: -

1. **P.Prakash,**”Availability Analysis of GPRS”Presented in national conference on Networking & Communication “Netcom’07” April 2007 organized by ECE Department,R.M.D Engineering college.
2. **Prakash.P, B.Aarthika** “CHANNEL ESTIMATION AND SYSTEM IMPLEMENTATION OF MIMO DETECTOR”, Proceedings of the 3rd

National conference on issues and trends in advanced computing (NITAC-2012), 17-18 March 2012 organized by Department of computer applications, Bannari Amman Institute of Technologies.

3. **P.prakash,Himalaya.B**”Design of ultra-efficient sphere decoder with QAM modulation for MIMO systems” presented in National conference on “communication,Networking and signal processing-2014(NCCNSP’14)” organized by ECE Dept,IFET college of Engineering,villupuram.
4. **P.Prakash,G.Jenifer Ruth**, ”Implementation of OFDM for Energy Efficiency in Virtual MIMO”,presented in National conference on”Recent trends in computing technology-2016(NCRTCT’16) on 29/04/2018.

International: -

1. **P.Prakash**,”Applying CDMA technique to a packet switched network”presented in 3rd international conference on “Impact of economic crisis in global business scenario” September 2009 organized by Sri Sairam Institute of Management Studies of Sri Sairam Engineering College.
2. **B.Aarthi,P.Prakash**,”System implementation and channel estimation of MIMO Detector presented in international conference on “Information communication & Embedded systems” Feb 2012 organized by S.A. Engineering College.
3. **P.prakash,M.kannan**,”A sphere decoding algorithm for MIMO transmission system” presented in IEEE International conference on computation of power,Energy,Information and Communication ICCPEIC’2013 April-2013, organized by EEE Dept,Adhiparasakthi Engineering College,melmaruvathur.
4. **Himalaya,P.Prakash**”High throughput sphere decoder for MIMO Systems with QAM Modulation Scheme”presented in second International conference on Recent Trends in computer Science & Engineering(ICRTCSE 2014) organized by Apollo Engineering College,Chennai.
5. **P.Prakash.M.kannan**,”Single tree search sphere decoding algorithm for MIMO communication system” presented in IEEE International conference on computing and Communication Technologies(ICCCT’15) 2015, organized by IT Dept,Sri Sairam Engineering CollegeChennai.
6. **N.VENNILA,P.PRAKASH P,DR.M.KANNAN**,Presented paper titled “SC-FDMA MIMO DETECTORS USING MATLAB “in the 2017 second IEEE international conference on COMPUTING AND COMMUNICATION TECHNOLOGIES held on 23/02/17 to 24/02/17 organized by Department of information technology,SRI SAIRAM ENGG college(Available online in IEEE Conference)
7. **P.Prakash**,”Advanced Driver Assistance System(Adas) using Image processing”,in the first international conference on recent Innovations in Arts,Science and technology(ICRIAST-2018) 2018,organized by Lord Venkateshwara Engineering College,Kancheepuram.

Date:

signature staff