


**Sri Sai Ram Engineering College**  
**Department of Electronics & Communication Engineering**

Name : S.Sumathi	
Designation:	Asst.Prof
Qualification :	B.Sc,B.Tech,ME(P.hd)
Area of Specialisation :	Biometrics
Experience :	Teaching : UG: 15 yrs PG :
	Industry : - yrs
No. of workshop / Conferences / FDP attended :	21
Publication :	Journal National : - International : -
	Conference National : 7 International : 1
Research Guidance :	-
General : -	Professional memberships: IETE, ISTE, BES. Elected as Executive committee member of IETE Chennai centre for the year 2006-2008. IETE Coordinator.
Staff Achievements: -	<b>2-100%</b> Result-2007-08-communication Engg. (EEE&ICE) -

**Experience:(Details)**

<b>SL. NO</b>	<b>Details of Institute</b>	<b>Post</b>	<b>Service Tenure</b>	<b>Duration</b>	
1	Sri Sai Ram Engg College,SaiLeoNager,west Thambaram.	Asst.Prof		1.8.08	Till date
2.	Sri Sai Ram Engg College,SaiLeoNager,west Thambaram.	Sr lecturer	3 years	1.8.05	31.7.08
3.	Sri Sai Ram Engg College,SaiLeoNager,west Thambaram.	Lectuter	8 Years,4 Months	09.03.98	31.07.06
4.	Subramanian Polytechnic,Rayavaram.	Lectuter	3 Years	1.2.95	1.03.98

**Workshop/Conferences/FDP: (List)**

1. Attended National seminar on "Trends in Biomedical Instrumentation" at Shanmuga college of engineering,Thanjavur.
- 2 Attended International conference on "Advances in telecommunications and Information Technology" at Vellore Engineering College from 14<sup>th</sup> & 15<sup>th</sup> Dec 2000.
- 3 Attended Short term training programme on "Computer communication & networking" conducted by TTTI,Taramani from 3.9.01 to 7.9.01
- 4 Attended Workshop on "Teaching technology and counseling skill" at Abirami Academy at Sri Sai Ram Engineering College on 24<sup>th</sup> Feb 2001.
- 5 Attended 3 Day Seminar cum Workshop on VLSi Design and Embedded System Technology at Sri Sai Ram Engineering College from 26<sup>th</sup> –28<sup>th</sup> July 2002 .
- 6 Attended Workshop on "Direct to Home Technologies" conducted by Broadcast Engineering society on 9<sup>th</sup> July 2004 .
- 7 Attended Workshop on "Wireless & wireline communication" conducted by Institute of Engineers &IETE society on 21<sup>st</sup> June 2004 .
- 8 Attended International conference on "INCON-CCC" at Sri Sai Ram Engg college on 20<sup>th</sup> —22<sup>nd</sup> Aug.
- 9 Attended UGC Sponsored Refresher Course On" MODERN MOS TECHNOLOGY\_TOOLS AND DESIGN" at Sathyabama Institute of Science and Technology, Chennai. From

28.11.05 to 17.12.2005.

- 10 Attended TNSCST & National Council for Science and Technology Communication Sponsored National Workshop On "ADVANCES IN COMMUNICATION TECHNOLOGIES AND NETWORKS" at SSN college of Engineering, Chennai during 4<sup>th</sup> & 5<sup>th</sup> august 2006.
- 11 Attended seminar on "Broadcasting Emerging Technologies in mobile world" on 8.9.06 organized by Broadcasting Emerging society Chennai chapter.
- 12 Attended one day Workshop on "Networks & Security " conducted at Dept of ECE, Sri Sai Ram Engineering College and Benchmark on 22.9.06.
- 13 Attended Staff Development programme on "Information Technology in Telemedicine & E-health" conducted at Sri Sai Ram Engineering College from 9<sup>th</sup> –21<sup>st</sup> July 2007 .
- 14 Attended one day Workshop on "Emerging Trends in VLSI and ASIC Designs " conducted at Dept of ECE, Anna university. April 07.2007.
- 15 National Conference on Advanced techniques in Instrumentation, Control & Communication Engineering at St.Peter's Engineering College/ Jan 24<sup>th</sup> -25<sup>th</sup> 2008.
- 16 National workshop on Recent trends in wireless information networks and systems- Sri Sai Ram Engg. College, Sponsored by DRDO Feb 1<sup>st</sup> '08
- 17 National seminar on Research issues in digital image processing- Mepco Schlenk Engineering college,sivakasi. March 21<sup>st</sup> '08
- 18 Workshop on Intellectual property rights awareness and related issues- TCS and Patent office, Govt of India- April 30<sup>th</sup> '08
- 19 Workshop on Getting started with MATLAB- Organized by Raghuram Associates held at Sri Sairam Engineering College- June 30<sup>th</sup> – July 3<sup>rd</sup> '08
- 17 .National Conference on Biomedical Electronics and Biomedical Infomatics at Sri Sairam Engineering College, Chennai/ Feb 5<sup>th</sup> & 6<sup>th</sup> '09.
18. National Conference on Advanced Techniques Instrumentation "Advanced Techniques in Instrumentation Control and Communication Engineering" on 23<sup>rd</sup> July 09 at St.Peters University, Avadi, Chennai.
19. National workshop on How to do Research at Sathyabama Institute of Science and Technology, Chennai on 7 & 8 th Aug 2009.
20. National workshop on future directions in image processing & analysis at SSN Engg college on 20 & 21 Aug 09.

21. Attended seminar on "Broadcasting in Digital Era on 26.09.2009 organized by  
Broadcasting Emerging society Chennai chapter.

Publication : (Details)

Journal : (list)

National :

International :

Conference : (list)

National :

<b>Title</b>	<b>Venue/Duration</b>
Image compression in mobile multimedia services using wavelets.	Bharath Institute of Higher Education And Research. Chennai.
Image compression in mobile multimedia services using wavelets.	Adhiyaman college of engineering, Hosur.
Energy Efficient wavelet for water marked video.	Anna university, Chennai.
Personal authentication using multi-biometric system.	St. Peter's Engineering College, Chennai.
1. Facial identification system using PCA 2. Person Authentication using Palm print.	Sri Sairam Engineering College, Chennai.
Face recognition system using PCA	St. Peter's Engineering College, Chennai.

International:

Mapping of 40 MHz MIMO SDM-OFDM Base band Processing on MultiProcessor SDR Platform	SrisaiRam Engg College
---	------------------------