

Dr. T. Sreenivasulu Reddy, *M.Tech, Ph.D.*,



E-mail Id: tsr_ece@svuce.edu.in, mettu86@yahoo.co.in

Phone: +91-9440415699

Professor
Department of Electronics and Communication Engineering (ECE),
Sri Venkateswara University College of Engineering,
Sri Venkateswara University,
Tirupati-517 502
A.P., INDIA.

Academic Credentials

Degree	University	Year	Specialization
Ph.D	S.V.University	2012	Digital Signal Processing
M.E	Karnatak University	1996	Digital Electronics & Communication Engineering
B.Tech	S.V.University	1990	Electronics & Communication Engineering

Experience

Organization	Designation	Period
Sri Venkateswara University College of Engineering	Professor	01-02-2014 to Till Date
Sri Venkateswara University College of Engineering	Associate Professor	03-07-2007 to 31-01-2014
C.R Engineering College	Professor	11-11-06 to 03-07-07
N.B.K.R.I.S.T	Professor	01-05-06 to 10-11-06
N.B.K.R.I.S.T	Associate Professor	01-01-00 to 30-04-06
N.B.K.R.I.S.T	Assistant Professor	01-07-98 to 31-12-99
N.B.K.R.I.S.T	Lecturer	01-06-96 to 30-06-98
N.B.K.R.I.S.T	Lecturer	08-09-95 to 30-04-96
N.B.K.R.I.S.T	Associate Lecturer	24-07-93 to 30-04-94 & 05-08-92 to 30-04-93
I.T.L Computers (p) Ltd	Service Engineer	4 th June 1990 to 16 th May 92

Research Projects:

Research projects completed : 01

Title	Funding Agency	Duration	Amount	Status
MST Radar Signal Processing using complex Wavelets and Hilbert- Huang transform techniques	Department of Science & Technology (DST), Government of India, New Delhi	2011-2015 (4 years)	13.90 lakhs	Completed

Foreign Visits

Country Visited	Purpose of Visit	Duration
Italy	Training on EMI/EMC Equipment	07-12 th Jul, 2008
Malaysia	International Conference on Electronic Design (ICED-2008)	01-03 rd Dec, 2008

Publications and Presentations:

Publications in refereed journals : 27
 Presentations : 28
 Conferences/Seminars/Workshops Attended : 28
 Conferences/Seminars/Workshops Organized : 09
 Summer/ Winter Schools /Training Programs Attended : 10

Selected Key Publications:

- ↻ Neetha I. Eappen, **Dr. T. Sreenivasulu Reddy**, Dr. G. Ramachandra Reddy, "Semiparametric Algorithm for Processing MST Radar Data" in **IEEE Transactions on Geoscience and Remote Sensing**. Volume: PP , Issue: 99, Pages 1-9, Dec, 2015 .
- ↻ Uma Maheswara Rao D, **Dr. T. Sreenivasulu Reddy**, Dr. G. Ramachandra Reddy, "Atmospheric Radar Signal Processing Using Principal Component Analysis ", **Elsevier -Digital signal processing**, Volume 32, Pages 79-84, September, 2014.
- ↻ C. Madhu, **T. Sreenivasulu Reddy**. "MST Radar Signal Processing with Fast Approximate Fourier Transform Using DWT", **CiiT International Journal of Digital Signal Processing**, Vol 6, No 04, April 2014.
- ↻ **T. Sreenivasulu Reddy**, and Dr. G. Ramachandra Reddy, "Spectral Analysis of Atmospheric Radar Signal Using Filter Banks – Polyphase Approach", **Elsevier - Digital signal processing**, Volume 20, Issue 4, Pages 1061-1071, July 2010.
- ↻ **T. Sreenivasulu Reddy**, and Dr. G. Ramachandra Reddy, "*MST Radar signal processing using cepstral thresholding*", **IEEE Transactions on Geoscience and Remote Sensing**, Volume 48, Issue 6, Pages 2704 – 2710, June 2010.
- ↻ **T. Sreenivasulu Reddy**, Dr. G. Ramachandra Reddy, and Dr S.Varadarajan, "MST Radar signal processing using Wavelet based denoising", **IEEE Geoscience and Remote Sensing Letters**, Volume: 6, No.4, pp 752-756, October 2009.

Awards/ Honors Received

Award/ Honor	Awarding Agency	Year of Award
Second Best Paper award in <i>International Symposium on the study of rainfall rate and radio wave Propagation</i>	Sona College of Technology, Salem	2007

No. of Ph.D. and M.Tech Theses Supervised:

Ph.D. Thesis supervised : 07 (pursuing)
M.Tech dissertations guided : 12 + 06 (pursuing)

Administrative Positions:

S. No	Position	Period
1	Head, Dept of ECE, NBKRIST, Vidyanagar	01-May-06 to 10-Nov-06
2	Chief Warden for Women Hostel, NBKRIST, Vidyanagar	01-Apr-06 to 10-Oct-06
3	Deputy warden, SVUCE Hostel	01-May-10 to 01-Dec-10
4	Additional Chief Superintendent of Examinations, SVUCE	05-Oct-12 to 22-Mar-13
5	Additional Chief Superintendent of Examinations, SVUCE	Since 15-Dec-2015

Summer/ Winter Schools /Training Programs Attended

S.No	Title of the event	Organizing Institution	Period
1	Instructional Design and delivery	NBKRIST, Vidyanagar	24-29 th Oct 2005
2	School on Radar and Lidar Remote Sensing of the Atmosphere	UGC-SVU centre for MST Radar Applications Tirupati & NARL Gandanki	7-11 th Mar 2007
3	Induction Programme for the new faculty	S.V. University, Tirupati	07-11 th Aug 2007
4	National School on Atmospheric Radars and Lidars (NSARL - 08)	UGC-SVU centre for MST Radar Applications Tirupati & NARL Gandanki	25-29 th Mar 2008
5.	EMI / EMC	Eletronica Veneta, Motta di Livenza, Italy	07-12 th Jul 2008
6.	Faculty Development Programme on "Digital Signal Processing"	School of Electronics Engineering, VIT University, Vellore	02-06 th May 2011
7.	Summer School on Basics of Atmospheric Sciences	UGC-SVU centre for MST Radar Applications Tirupati & NARL Gandanki	11-21 st Mar 2013
8.	Pedagogical Training on Basic Module	NITTTR, Chandigarh	16-20 th Dec 2013
9.	DST-SERB School on "Basics of Atmospheric Sciences"	Department of Physics, S.V. University, Tirupati	4-28 th Jun 2014
10.	Management Capacity Enhancement	IIM, Noida Campus,	05-09 th

Programme for Administrators		Lucknow		Oct 2015
Conferences / Seminars/Workshops Organized				
S.No	Title of the event	Designation	Funding Agency	Period
1.	Three-day Workshop on 'Computational Electromagnetics: Basics & Applications'.	Coordinator	TEQIP, SVUCE	23-25 th Jan 2008
2.	One Day Workshop on 'Electromagnetic Interference/ Electromagnetic Compatibility'.	Coordinator	TEQIP, SVUCE	05 th Sep 2008
3.	National Workshop on Signal processing and applications.	Organizing Secretary	DRDO,ISRO, UGC	07-08 th Aug 2009
4.	Use of technology in the lives of fishermen and farmers (under TEQIP service to community program)	Coordinator	TEQIP	14-16 th Mar 2009
5.	National Level Student Paper Contest on 'Taking Telecom & IT Revolution to Rural India- Bridging the Digital Divide'.	Coordinator	SVUCE	09-10 th Apr 2010
6.	National Workshop on Advanced Radar Signal processing	Organizing Secretary	APCOST, SCRC & RESPOND	01-02 nd May 2010
7.	National level Technical Symposium, SIGMOID-2K14	Coordinator	SVUCE	19- 20 th Apr 2014
8	One Day Workshop on Curriculum Design & Development for M.Tech, Programme Communication Systems	Organizing Secretary	TEQIP 1.2, SVUCE	30 th Nov 2014
9	Two Day Workshop on Wavelet Transforms in Signal Processing	Organizing Secretary	TEQIP 1.2, SVUCE	14-15 th Mar 2015

Memberships:

- ❖ Life member of Indian Society for Technical Education (**ISTE**)
- ❖ Fellow of Institution of Electronics and Telecommunication Engineers (**FIETE**)
- ❖ Member of Institute of Electrical and Electronics Engineers (**IEEE**)

Declaration:

I hereby declare that the above information is true to the best of my knowledge.

Date: 25-01-2017

Place: Tirupati

[Dr. T. Sreenivasulu Reddy]