

R. S. Rao

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RESIDENTIAL ADDRESS:

Dr. R S Rao
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ACADEMIC QUALIFICATIONS:

PhD is awarded by JNTUK, Kakinada on Analysis of Electromagnetic Scattering in Time Domain.
Master of Engineering in Microwave And Radar Engineering.
Bachelor of Engineering in Electronics and Communication Engineering

ACADEMIC REWARDS / ACHIEVEMENTS: NIL

PROFESSIONAL EXPERIENCE:

Designation	Institution	Period
Professor	Gudlavalleru Engineering College	13-07-2016 to till date
Professor	MITS, Madanapalle	2015 to 2016
Professor	SVEC, Tirupathi	2010 to 2015
Professor	URCET, Vijayawada	2009 to 2010
Assoc. Professor	Vignan's Engg College	2007 to 2009

PROJECTS GUIDED:

PhD	Post Graduation	Under Graduation
NIL	25	70

SPECIALIZATION: EM Scattering

BOOKS PUBLISHED:

1. Microwave Engineering
2. Electromagnetic Waves and Transmission Lines
Both published by PHI, New Delhi
3. Antennas and Wave Propagation(Coauthor)
Published by Scitech, Hyderabad

PAPERS PUBLISHED IN JOURNALS: 06

- [1]. R Srinivasa Rao, PV Subbaiah, “ Analysis of Transient Scattering Using FDTD-PML and Modified TE-EFIE- A Comparative Study”, International Journal of Electronics and Communication Engineering. ISSN 0974-2166 vol.3, No. 1, pp.383-394, 2010
- [2]. R Srinivasa Rao, PV Subbaiah, “ Comparison of TLM and FDTD Methods in RCS Estimation”, International Journal of Electrical Engineering, ISSN 0974-2158 vol.4, No. 3, pp.283-287, 2011
- [3]. R Srinivasa Rao, PV Subbaiah, “ Analysis of Transient Scattering From Dielectrics in Time Domain”, International Journal of Engineering Research and Industrial Applications,. ISSN 0974-1518 vol.4, No. IV, pp 1-12, Nov,2011
- [4]. R Srinivasa Rao, PV Subbaiah, “ Computation of RCS of Long Ringing Cubes With TLM Method ”, IJESM, ISSN 2231-3273 vol. 1 Issue II, Jul-Dec 2011
- [5]. R Srinivasa Rao, PV Subbaiah, B Prabhakara Rao “Analysis of Transient Electromagnetic Scattering by Dielectric bodies-Comparison of TLM And TDIE Methods” i-managers Journal on Communication Engineering and Systems. ISSN Print: 2277-5102 vol 1 No 3, May-July 2012.
- [6]. R Srinivasa Rao, PV Subbaiah, B Prabhakara Rao “Electromagnetic Transient Scattering Analysis in Time-domain Comparison of TLM and TDIE methods”, Springer’s Journal of Computational Electronics, ISSN 1569-8025, Vol.11 No.4 pp 315-320, December 2012.

PAPERS PUBLISHED IN CONFERENCES/WORKSHOPS: 03

- [1]. R Srinivasa Rao, PV Subbaiah, B Prabhakara Rao “Transient Scattering Analysis- Comparison of TLM And FDTD-PML Methods ”, ISBN 978-1-4577-2146-5, IEEE Conference ICONRAEECE 2011 at Mepco Schlenk Engg College, Shivakasi Dec,15- 17, 2011
- [2]. R Srinivasa Rao, PV Subbaiah, B Prabhakara Rao “Analysis of Scattering by Dielectric bodies-Comparison of TLM And FDTD-PML Methods”, IEEE Conference ICDCS, 2012, at Karunya University, Coimbatore. 15, March, 2012
- [3]. R Srinivasa Rao, PV Subbaiah, B Prabhakara Rao “Analysis of Transient Electromagnetic Scattering by Conductor bodies-Comparison of TLM And TDIE Methods” IEEE Conference ICACCS-2012, at Syed Ammal Engineering College, Ramanathapuram, 23-25, August, 2012

LIST OF WORKSHOPS ORGANIZED: Nil

LIST OF WORKSHOPS /CONFERENCES /SEMINARS ATTENDED:

- 1) One-Week Refresher Course On “VLSI Design & Embedded Systems” Conducted By Academic Staff College, Jntu Hyderabad From 26.05.2003 To 31.05.2003.
- 2) A two-day Workshop On ‘Communications And Signal Processing’ Conducted By Vignans Engineering College, Vadlamudi From 28.06.2008 To 29.06.2008.
- 3) A Two-Day Workshop on ‘Recent Trends In Biomedical Instrumentation’ Conducted By Vignans Engineering College, Vadlamudi From 27.01.2006 To 28.01.2006.
- 4) A Three-Day Workshop on “Microwave Measurements” Conducted By National Institute Of Technology, Warangal From 10.08.2005 To 12.08.2005.

- 5) One-Day Seminar on “Signal Processing And Its Applications” Conducted By The Institution Of Electronics And Telecommunication Engineers, Vijayawada Local Centre On 25.03.2007.
- 6) A Five-Day Course on “Electromagnetics-1” The Indo-US Engineering Faculty Leadership Institute, 15-20.June2009, at Infosys Center, Mysore.
- 7) A Five-Day Course on “Electromagnetics-2” The Indo-US Engineering Faculty Leadership Institute, 22-26.June2009, at Infosys Center, Mysore.
- 8) A Two-Day National Seminar on “Challenges In VLSI Design” at R.V.R. &J.C. College Of Engineering, Chowdavaram, Guntur, 23-24,Mar2007.
- 9) A Two-Day International Conference On “RF & Signal Processing Systems” at Koneru Lakshmaiah College Of Engineering (Autonomous),01-02, Feb.2008.
- 10) A five-day refresher course on “Microprocessors And Microcontrollers” at Sree Vidyanikethan Engineering College, Tirupathi, 05-09, Dec, 2011
- 11) Conducted a two-day national work shop on “Recent Trends in the design of Embedded Systems” at Sree Vidyanikethan Engineering College, Tirupathi, 19-20, Oct, 2011
- 12) A Three-Day Faculty development program on “Outcome Based Learning Workshop” at BITS Pilani, Hyderabad Campus,6th to 8th, Feb-15.
- 13) A Two-Day Faculty development program on “Research Issues in Cognitive Radio Networks” at Gudlavalleru Engineering College (Autonomous),9th and 10th, Jan-17.
- 14) A One-Week Faculty development program on “Communications and Signal Processing” at Gudlavalleru Engineering College (Autonomous),29-10-18 to 03-11-18.
- 15) A One-Week Faculty development program on “IoT with Watson” at Gudlavalleru Engineering College (Autonomous),26-11-18 to 01-12-18.
- 16) A One-Day NPTEL Workshop conducted by IIT Madras at Gudlavalleru Engineering College (Autonomous) on 06-12-18.
- 17) A Two day Training programme on “DESIGN AND DEVELOPMENT OF DIGITAL CIRCUITS USING VLSI TOOLS” organized by Department of Communication Engineering,Gudlavalleru Engineering college,Gudlavalleru during 6-12-18 to 7-12-18.
- 18) A Two day faculty training programme on “Advances in VLSI Design and Embedded Systems “organized by Department of Communication Engineering,Gudlavalleru Engineering college,Gudlavalleru during 6-11-18 to 7-11-18.
- 19) A one day National Level Workshop, on “Training Programme for NBA Criteria and Accreditation Process” organized by JNTUA college of Engineering ,Ananthapuramu on 3-3-15.
- 20) A One day workshop on “NAAC AWARENESS” conducted by Madanapalle Institute of Technology & Science on 19th march 2015.
- 21) A One day workshop on ABET Accreditation Essentials and Preparing for Accredation” conducted by Madanapalle Institute of Technology & Science on 24th February 2015.
- 22) A One day workshop on “ABET Accreditation and Program Assessment Workshop” on 28-7-15.
- 23) A One week FDP on “Machine Learning Applications in Signal Processing” organized by NIT Warangal at GEC, Gudlavalleru on 4th to 9th Feb, 2019

CERTIFICATIONS: : Nil

GUEST LECTURES DELIVERED: Nil

MEMBERSHIP IN PROFESSIONAL BODIES:

Biomedical society of India
 Society of EMC engineers India
 The Indian Society for Technical Education

CONSULTANCY ACTIVITIES:

NIL

GRANTS FETCHED:

NIL