

Application for the Post of Professor in Dept of ECE.

Dr. R S Rao
Dept of ECE,
Gudlalleru Engineering College
Gudlalleru : AP: INDIA

Name: R S Rao

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Date of Birth :06-06-1964

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• Educational Qualifications

BE(ECE) 1981-85 College Of Engg, Andhra University, Waltair First Class

ME(MRE) 1986-88 College Of Engg, Osmania University, Hyderabad First Class

Ph.D 2008-14 JNTUK, Kakinada, AWARDED

• Professional experience

1988-90 Asst. Professor, M.J College of Engg., Hyderabad

1991-96 ASTE, SE Railways(IES), Garden Reach, Calcutta

1997-99 Assoc Professor, AUCET, Hyderabad

2000-03 Assoc Professor, AZCET, Mancherial

2004-05 Asst Professor, VRSEC, Vijayawada

2006-2008 Assoc. Professor, Vignan's Engg College, Vadlamudi

2008-2010 Professor, URCET, Vijayawada

2010-2014 Professor, SVEC, Tirupathi

2015-16 Professor, MITS, Madanapalle

2016- till date Professor, GEC, Gudlalleru

• Teaching interests

Antennas and wave propagation

Microwave engineering

Electromagnetic waves and transmission lines

Signals and systems

Electronic devices and circuits.

• Research interests

Electromagnetic scattering

Radar cross sectional studies

Computational electromagnetics.

• Membership of the professional bodies

Biomedical Society of India(BMSI)

Society of EMC Engineers India(SEMCEI)

The Indian Society for Technical Education(ISTE)

• Research

PhD is awarded by JNTUK, Kakinada on Analysis of Electromagnetic Scattering in Time Domain. Six papers were published in international journals and three papers presented at IEEE conferences.

Books Authored:

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

- Participated thrice in the preparations for NBA/NAAC inspections, once at VR Siddhartha Engg college, Vijayawada and once at Vignan's Engg College, Vadlamudi and once at SVEC, Tirupathi.
- Actively involved in the preparations for Deemed University status inspections at Vignan's Engg College, Vadlamudi.
- Attended several workshops and seminars. Conducted one work shop on Embedded systems

Conferences/workshops attended or conducted

- 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 Vignan's 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 Gudlavalluru 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, Gudlavalluru Engineering college, Gudlavalluru 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, Gudlavalluru Engineering college, Gudlavalluru 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 Accreditation” 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, Gudlavalluru on 4th to 9th Feb, 2019
- 24) A One week FDP on 'Artificial intelligence' organized by GVP for Degree and PG Courses Warangal at GEC, Gudlavalluru on 22nd to 26th May, 2020
- 25) A webinar on 'Radio frequency measurements for cellular and wireless communication systems' organized by GEC, Gudlavalluru on 25May, 2020

(R. S. Rao)