

CURRICULAM VITAE

Dr. P.A. NAGESWARA RAO

D.No. 31-28-31,
Near Sivalayam,
Vadlapudi RH Colony,
Visakhapanam – 530 046.
Andhra Pradesh



E – Mail: panageswar@gmail.com
drnageswararao@gvpdpgc.edu.in
Phone: 98497 94284

OBJECTIVE:

Intend to build a career in a competitive world with commitment & dedication, which will help me to explore myself fully and realize my potential. Willing to work as a key player in challenging & creative environment.

1. EDUCATIONAL QUALIFICATIONS:

S.No	COURSE	BRANCH/ SPECIALIZATION	INSTITUTE/ UNIVERSITY	MONTH & YEAR	PERCENTAGE
1	CBSE	-	DAV Public School	April 1993	77.8%
2	INTER	MPC	Board of Intermediate, AP	June, 1995	78.8%
3	B.E.	ECE	GITAM, Andhra University	June, 2000	57.9%
4	M.E.	ECE (Electronics & Instrumentation)	Andhra University	July, 2003	64.5%
5	Ph.D.	ECE	Andhra University	April, 2016	-

2. EXPERIENCE: (Total Experience: 19 Years 7 Months)

S.No	Name of the Institute	From (Date)	To (Date)	Years/ Months	Designation
1	Avanthi Institute of Engineering and Technology, Narsipatam, Visakhapatnam	01-08-2001	31-07-2003	2 Years	Assistant Professor
2	Vignan's Institute of Information Technology (VIIT), Duvvada, Visakhapatnam.	01-08-2003	29-10-2006	3 Years 3 Months	Assistant Professor
		30-10-2006	24-12-2013	7 Years 2 Months	Associate Professor
3	Dadi Institute of Engineering and Technology, Anakapalle	19-12-2013	30-07-2016	2 Years 7 Months	Associate Professor
4	Vignan's Institute of Information Technology (VIIT), Duvvada, Visakhapatnam	30-07-2016	01.05.2018	1 Year 9 Months	Associate Professor
5	School of Engineering, GVP College for Degree and PG Courses	02.05.2018	Till date	2 Year 10 Months	Associate Professor

3. PUBLICATIONS: List of Journal Publications (National / International):

S.No	Title	Name of Journal	Volume Page Year	Citation & Impact Factor
1	Automation of Oxygen Compressor Control System	IETE Journal of Education	Volume 47, No. 3, pp 137-143, July – Sept 2006	Cited by 4
2	Automation Detection of Glaucoma in Eye by angle open distance 500 calculations by using GUI	International Journal of Science and Advanced Technology'	Volume 1 No 6 August 2011, pp 217-220.	-
3	Wavelet Based Blind Watermarking for Gray Scale Images using Human Visual System	International Journal of Science and Advanced Technology'	Volume 1 No 9 November 2011, pp 64-70.	-
4	Automatic Baud Rate Detection Using Programmable System on Chip (Psoc)	International Journal of Electronics and Communication Engineering & Technology (IJECET)'	Volume 3, Issue 2, July-Sept 2012, pp 130-140	8.2
5	Comparison between ARMA and Sub-Space Identification Method of Air Separation Unit	International Journal of Engineering Research and Development	Volume 2, pp 01-06, August 2012	4.14
6	Realising State Model for Air Separation Unit Using Subspace Identification Method	International of Journal Computer Technology & Applications	Volume 3 (5), pp 1682-1686, Sept-Oct 2012	5.17

7	Particle Swarm Optimization Methods for Image Segmentation Applied In Mammography	Int. Journal of Engineering Research and Applications”	ISSN : 2248-9622, Vol. 3, Issue 6, Nov-Dec 2013, pp.1572-1579	5.179 & Cited by 12
8	Automation of Argon unit using Neural Network Predictive Control	International Journal of Advanced Research and Management Studies’	Volume 2, Issue 1, January 2014, pp 361-366	6.9
9	Identification and Modelling of Air Separation Unit by ARMAX Method	Journal of Advanced Research in Instrumentation and Control Engineering	Volume 1, Issue 1, pp 10-19, 2014	-
10	Image Transmission Technique by using Skilful Technique via Secure and Secret Mosaic Images by Changeable Colour Transformation	International Journal of Science and Engineering Research (IJOSER),	Vol 3, Issue 12 December-2015	3.8
11	Cancer detection using advanced control strategies	International Journal of instrumentation electrical electronics and electrical engineering,	Volume 3, Issue 2, 2015	5.621
12	Identification and modeling of Air Separation Unit for extraction of Oxygen using System Identification Techniques	International Journal of modern trends in Engineering and research	Volume 3, Issue 2, pp 91-99 February 2016	4.364
13	Design and Analysis of High Gain 2x1 and 4x1 Circular Patch Antenna Arrays for 2.4 GHz Applications	International Journal of Innovative Research in Science, Engineering and Technology	Vol. 6, Issue 8, PP 16432 – 16439 August 2017	6.209 Cited by 3
14	Design and Analysis of High Gain 2x2 Circular Patch Antenna Array With and Without Air-gap for WLAN Applications	Journal of Advanced Research in Dynamical and Control Systems (Elsevier SCOPUS)	Vol. 9, Issue 3, October 2017, pp 258-271	-
15	Design and Performance Analysis of Pentagon Shaped Microstrip Patch Antenna	International Journal of Innovative Technology and Exploring Engineering (SCOPUS)	Volume-8, Issue-8, June 2019	5.15
16	Performance Analysis of Pentagon Shaped Microstrip Patch Antenna with Different Substrate Materials	International Journal of Recent Technology and Engineering (SCOPUS)	ISSN: 2277-3878, Volume-8 Issue-2, July 2019	1.0
17	Design and Performance Characteristics of Ircular Microstrip Patch Antenna Arrays	International Journal of Engineering and Advanced Technology (SCOPUS)	ISSN: 2249 – 8958, Volume-9 Issue-1, October 2019	1.0

18	IOT BASED DRIVER DROWSINESS DETECTION AND ALERT SYSTEM	International Journal of Research and Analytical Reviews (IJRAR) (UGC)	www.ijrar.org (E-ISSN 2348-1269, P- ISSN 2349-5138) April 2020	5.75
19	Defected Ground Structure (DGS) based Microstrip patch Antenna for C-Band Applications	Solid State Technology (SCOPUS)	Vol. 63 No. 6 (2020)	0.3

4. Conferences: List of Conference Proceedings

S.No.	Title	Details of conference Publications	Date of publication
1	Instrumentation & Process Control of Air Separation Unit	National Conference Device – 2010	13-14 Sept 2010 pp 138-142
2	Optimum Modeling of Air Separation Unit using ARMA Modeling Method	International Conference ICCED'12	7-9 March 2012 pp 451-455
3	Design and Analysis of High Gain 2x2 and 2x4 Circular Patch Antenna Array With and Without Air-gap for WLAN Applications	International Conference SPACES-2018, Dept. of ECE, KL Deemed to be University. *Added to IEEE Xplore Digital Library on 15.03.218; DOI: 10.1109/SPACES.2018.8316312	4-5 January 2018 Pp 41-44
4	A Novel Design of Multiband Monopole Antenna Loaded with Complementary Split Ring Resonator	6th International Conference on Information System Design and Intelligent Applications”, at LENDI Institute of Engineering and Technology, Vizianagaram.	1-2 November, 2019
		http://www.springer.com/series/15179 ISSN 2367-3370 ISSN 2367-3389 (electronic) Lecture Notes in Networks and Systems ISBN 978-981-15-5396-7 ISBN 978-981-15-5397-4 (eBook) (SCOPUS)	October 2020 https://doi.org/10.1007/978-981-15-5397-4
5	DGS-Based Wideband Microstrip Antenna for UWB Applications	3rd INTERNATIONAL CONFERENCE ON SMART-DSC-2019	13-14 December 2019
		© Springer Nature Singapore Pte Ltd. 2020 J. Fiaidhi et al. (eds.), Smart Technologies in Data Science and Communication, Lecture Notes in Networks and Systems 105 (SCOPUS)	31.03.2020 https://doi.org/10.1007/978-981-15-2407-3_23

BOOKS:

- **TECHNICAL BOOK:** Co-author for Three Chapters **Electronics – II for B.E. / B.Tech II Year course of School of Distance Education**, Andhra University, Visakhapatnam, Published in **March 2007**.
- **TECHNICAL BOOK:** Co-author for Two Chapters **Analog Communications for B.E. / B.Tech IV Year course of School of Distance Education**, Andhra University, Visakhapatnam, Published in **March 2008**.
- **TECHNICAL BOOK:** Edited **Digital Communications for B.E. / B.Tech III Year course of School of Distance Education**, Andhra University, Visakhapatnam, Published in **December 2008**.

WORKSHOPS Organized:

- Acted as **Convener** for the National Workshop on “Digital Communications and Signal Processing Concepts-Tools-Solutions” from **12th September 2008 to 13th September 2008** organized at Vignan’s Institute of Information Technology, Visakhapatnam.
- Acted as **Coordinator** for the faculty development program (FDP) on “Wireless Communications and their Applications” from **05th December 2016 to 10th December 2016** *Sponsored by Deity, HRD division, Ministry of ICT, Government of India*; under the Scheme of Financial Assistance for setting up of Electronics and ICT Academies, NIT Warangal.
- Organized **IIC MHRD** Call for Proposal: Impact Lecture Session funded by IIC MHRD on Entrepreneurship ... A journey of excitement on 04.07.2020

WORKSHOPS Attended:

- 2 weeks Online FDP on IoT organized by Andhra Pradesh State Skill Development Corporation (APSSDC) from 18.05.2020 to 30.05.2020.
- 3 Day Online FDP on Recent Trends In Research Methodology at Bhimavaram Institute of Engineering & Technology from 19.05.2020 to 21.05.2020.
- Online Super Session on Personal Financial Management, Sky Campus, 20 May 2020.
- A Three Day National Level Online Faculty Development Program on “Image Processing and Computer Vision (IPCV) organized by ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES (A) from 29th - 31st May 2020.
- Online Webinar on Future Trends in CMOS Technology at 5nm and Beyond by Chebrolu Engineering College. Guntur, Andhra Pradesh on 28.05.2020.
- Leadership Talk by MHRD INNOVATION Cell on 13th June 2020.

- 5 Day FDP on Outcome Based Teaching, Learning And Assessment Strategies to Enhance Quality of Engineering Education by Gayatri Vidya Parishad College of Engineering, from 12.11.2019 to 16.11.2019.
- Intellectual Property Rights at GVPCDPGC (A), 13th and 14th March 2019.
- Two –Day Workshop on Learning Management System by GVPCDPGC (A), 30th April – 1st May 2019
- A six Day National Workshop on “Advances in Practical RF Antenna Design” from 13th to 18th September 2016 at LENDI institute of Engineering and Technology, Vizianagaram.
- A Six Day National Workshop on “NI LABVIEW – ENGINEERING & TECHNOLOGY PRACTICES”, 4th – 9th July, 2016 in association with IEEE VIZAG BAY SUB SECTION at Dadi Institute of Engineering and Technology, Anakapalle.
- A Six Day Faculty Development Program on “Virtual Industry and Simulation Softwares (VISS – 2016), 10th – 15th May 2016 at Vignan’s Institute of Information Technology, Visakhapatnam.
- A two day national workshop on “Advanced antenna technology”, 22nd & 23rd September, 2015 at Dadi Institute of Engineering and Technology, Anakapalle.
- “National workshop on Advances on Signal Processing: NWASP-13”, at AU College of Engineering (A), Andhra University, Visakhapatnam on 30th & 31st August 2013.
- “Advanced DSP and Applications”, at GVPCEW, Madhurawada, Visakhapatnam from 2nd to 4th July 2011.
- Two day national workshop “WOSEM” on “Signal processing evolutionary computation and modelling”, 14th & 15th Mar, 2009 at Dadi Institute of Engineering and Technology, Anakapalle.
- “Embedded System Design”, at Vignan Institute of Technology and Science, Deshmukhi, Hyderabad 8th to 13th December 03.

Awards, Rewards and Special Reorganization:

- **AUCE(A) – Recognition as Research Guide to the Ph.D Research Scholars dated 19.11.2020**
- “*Certification of Appreciation*” from DIET, Anakapalle for achieving 100% result in the subject RADAR SYSTEMS for IV B.Tech – I Semester during 2014-15.
- “*Best Engineering Teachers*” award from VIIT, Visakhapatnam on 05.09.2013.
- “*Prathibha*”, “*Sastra*” and “*Visista Seva*” Awards during VIIT Decennial Celebrations, Decifest 2k12 at Vignan’s Institute of Information Technology (VIIT), Visakhapatnam.
- “*Prathibha*” and “*Sastra*” award from VIIT, Visakhapatnam on 10.01.2008.
- “*Vishista*” award from VIIT, Visakhapatnam on 24.07.2009.
- “*Excellence*” award from VIIT, Visakhapatnam in 2006.
- Delivered **Guest Lecture** on Antennas and wave propagation in Visakha Institute of Technology and Science (VITS), Sontyam, Visakhapatnam on 5th October 2010.
- Delivered **Guest Lecture** on Antennas and wave propagation in Vizag Institute of Technology, Dakamarri, Bheemunipatnam, Visakhapatnam on 29th December 2012.
- **Reviewed some chapters in Antennas and Wave Propagation** by Sisir Das and Annapurna Das by The McGraw-Hill Education in 2011.

Research Project applied:

- Submitted a project (CRG/2021/001825) proposal in February 2021 under CORE RESEARCH GRANT scheme through SERB titled “Design and Development of Smart Antenna Arrays for Ultra High and Super High Frequency Applications”.
- Submitted a project (ECR/2017/002726) proposal in July 2016 under Early Career Research Award scheme through SERB titled “Modelling of Air Separation Unit using Fuzzy Logic Techniques for Optimization”. The project has been accepted for review and through to stage-1 Peer Review Proposal for refereeing but not promoted.


Any Relevant information in support of the Applicant:

The applicant is basically a hard worker and dedicated towards the noble teaching profession. The Intend to build a career in this competitive world with commitment & dedication had helped to explore fully and realize himself to the highest level of potential. The applicant has successfully completed 19 years 6 months of teaching experience and is still marching not only as an instructor but also leading the students as a supporter, learning facilitator, mentor, guide, philosopher etc. Besides being strong at academics the applicant has strived passionately towards the research work. The applicant had a vast qualitative experience in the subjects of Electromagnetic Waves & Transmission Lines and Antennas & Wave Propagation for the past 19 ½ years, which deemed to be the toughest subjects for engineering graduate students in the course of B.E / B.Tech. Though working in a private engineering college, the hard work and passion towards these areas of subjects has been recognized and was honored by some of the other private Engineering colleges inviting for guest lecture. The applicant has an experience of leading his previous/present institution for accreditation of NAAC and NBA successfully. The applicant is a responsible citizen of the nation has secured NCC ‘C’ Certificate during the period of his BE graduation. As a trainee of NCC cadet the applicant has inculcated the discipline and punctuation as a part of his daily life. The applicant is a life member of IETE.

PERSONAL PROFILE:

Name : P.A. Nageswara Rao
Father's Name : P. Sanyasi Rao
Date of Birth : 17-05-1978
Marital Status : Married
Nationality : Indian
Religion : Hindu
Languages known : English, Telugu, Hindi
PAN Card Number : AKWPP8097L
Aadhar Card Number : 5435 2297 1291

Date: 23.03.2021
Place: Visakhapatnam



P.A. Nageswara Rao