1. **Name of the Faculty** : **Dr. P.Nageswara Rao**

2. **Work Experience:**

   - 2021 to till date Professor in CSE and Director at MLWE , Guntur
   - December 2012 to May 2021 Principal at MPES , Guntur
   - February 2012 to December 2012 Principal at KMCET, Devarakonda, Nalgonda (Dist)
   - August 2009 to February 2011 Professor & HOD of I.T
   - February 2006 to August 2009 Principal al MLEC, Singarayakonda
   - January 2000 to January 2006 Professor in ECE and vice principal
   - August 1982 to January 2000 as assistant professor, Associate Professor, Professor & HOD of ECE at BEC, Bapatla

3. **Academic Profile:**

   - B.E. Bangalore University , ECE First class. 1980
   - M.E. Andhra University 1982, C.S. First Class
   - PhD A.N.U. Guntur 2011, Computer science and engineering

4. **Areas of Specialization : Data Compression**

5. **Area of Research : Data Compression**

   Title of Research : **Analysis of Data transmission using wavelet transforms And fuzzy techniques on multimedia applications in real-time environments**

6. **Papers Published : JOURNALS : 21**

   CONFERENCES : NATIONAL / INTERNATIONAL : 05

Papers published in International Journals:

Sl. No	Title of the Paper	Authors	Name of the Journal/ Conference	Year of publication	Volume/Issue/Page No.	ISSN No	SCI/ESCI/ SCOPUS/ UGCC
1	Iot based – Campus super sensor nodes by using arduino	**Dr. P. Nageswara Rao**	ZKG International	2022/12	367-375	2366 - 1313	IJ
2	Design and Development of Hybrid Cos and Sine (CAS) preceding with reduced PAPER in OFDM system	**Dr. P. Nageswara Rao**	International journal of special education	2022/03	Volume - 37		Scopus
3	Detection of Heart Disease by using Reliable Boolean machine learning algorithm	**Dr. P. Nageswara Rao**	Journal of Theoretical and Applied Information Technology	2021/08	99 No: 15	1992 - 8645	SCOPUS
4	A Cloud based Risk Prediction of Coronary Heart Disease	**Dr. P. Nageswara Rao**	Design Engineering	2020/11	Page No: 1011 - 1018	0011 - 9342	SCOPUS
5	Linear and Non – Lenear Companding Transformation Reducing PAPR in OFDM Signals	**Dr. P. Nageswara Rao**	International journal of Innovative Technology and Exploring Engineering	2019/09	Volume – 8, issue 11S2	2278 - 3075	
6	Implementation of Floating Point FFT using Parallel Prfix Multiplier for fast operation	**Dr. P. Nageswara Rao**	JASC: Journal of Applied Science and Computations	2019/4	Volume VI, Issue IV,	1076 - 5131	UGCC
7	Design and Implementation of Histogram Estimation Architectures for 8X8 Image	**Dr. P. Nageswara Rao**	Journal of Cardiovascular Disease Research	2018/1	Volume-9	0975 - 3583 , 0976 - 2833	SCOPUS
8	Normalized feature representation with resolution mapping	**Dr. P. Nageswara Rao**	IOSR Journal of Computer	Sep – Oct. 2015	Volume 17, Issue 5, Ver. III		

	for face image recognition		Engineering,		pp 01-04		
9	A Survey on PAPR reduction Techniques in OFDM System	**Dr. P. Nageswara Rao**	IJTES	August 2015	Volume -3 Issue -8 4026-4033	2320 - 8007	Scopus
10	PAPR Mitigation in Asymmetrically Clipped OFDM Systems using Distinct Hartley Method	**Dr. P. Nageswara Rao**	IJRECE	July-Aug, 2015	Vol-3, Issue-4	2321 - 032 X	
11	An adaptive active constellation extension approach for PAPER reduction in OFDM system	**Dr. P. Nageswara Rao**	International Journal of Computer Electrical and Advanced Communication Engineering	2015/07	Vol.I, Issue 7, PP-66-71	2250 - 3129	
12	Classes of unique face and its classification	**Dr. P. Nageswara Rao**	Council for innovative research	2013/11	Vol.7,No.1		
13	Unique face recognition using Singular value decomposition	**Dr. P. Nageswara Rao**	International Journal of Advances in Computer, Electrical & Electronics Engineering	April-Sept. 2013	Vol.2, Issue 2		
14	Robust Singular value decomposition algorithm for unique faces	**Dr. P. Nageswara Rao**	International Journal of Computers & Technology	March-April, 2013	Volume 4 No.2		
15	Handwritten signature verification based on the use of gray level values	**Dr. P. Nageswara Rao**	International Journal of Image Processing and Vision Sciences	2013	Volume-2, Issue-1		
16	Data Compression techniques on video application in real time environment	**Dr. P. Nageswara Rao**	international journal of advances in computer, electrical and electronic engineering	2012/12	Volume 2 page No: 101 - 105		

17	Data compression techniques in modern communication networks for enhanced bandwidth utilization	**Dr. P. Nageswara Rao**	Georgian Electronic Scientific Journal" (GESJ)	2009	Volume – II, Page no.11 to 23	1844 - 9166	WOS
18	Wan Cloud Access Link Utilization for Compressed Video	**Dr. P. Nageswara Rao**	Journal of Theoretical and Applied Information Technology (JATIT)	2008/08	Volume – 4 No: 8, p.no. 672-681	1992 - 8645	SCOPUS
19	A Method for Secured Communication Using Quantum Key Distribution	**Dr. P. Nageswara Rao**	World Academy of Science Engineering and Technology" (WASET)	2008/08	Volume – 33		IJ
20	New Compression Algorithms for Image in Modern Communication networks and Data Storage Systems	**Dr. P. Nageswara Rao**	International journal of computer Science and Network Systems (IJCSNS)	2008	Volume – 8 No:5PP 272 - 278	1738 - 7906	IJ
21	A Novel Approach for Data Compression in E – mail	**Dr. P. Nageswara Rao**	International Journal of Information Sciences and Technology	2008	Volume -3, issue 6		IJ

Papers published in International /National Conferences : 4

Sl. No	Title of the Paper	Authors	Name of the Journal / Conference	Year of Publica tion	Associati on	Page No	National / Internatio nal
1	Development of a detection of lung cancer classification by using svm & cnn	**Dr. P. Nageswara Rao**	The International Conference on Science, Engineering, and Technology-2021 Virtual Conference MLEW – Guntur	2021/8	IIRM - SDT	12	International

2	Quantum Encryption Secured Communication Using Quantum Key	**Dr. P. Nageswara Rao**	World academy of Science Engineering & Computers (WASEC) Singapore	2009			
3	Encryption techniques	**Dr. P. Nageswara Rao**	National Institute of Engineering & Technology, Bangalore	2008/02			
4	Comparative Study of Some Encryption Algorithms in Network Security	**Dr. P. Nageswara Rao**	Coimbatore Institute of Technology (CIT), Coimbatore, TamilNadu.	2005			
5	Some encryption algorithms in pager environment	**Dr. P. Nageswara Rao**	Some encryption algorithms in pager environment" in the national conference proceedings at St.Josephs Engineering College,Chennai,TN	2005			

7. WORKSHOPS / FDP's/ STTP attended

Total Workshops, FDP &STTPs attended: 13

Sl. No	Title of the Program	Date		No. of days	FDP/Workshop/ Webinar/Courses	Associatio n	Mode (Online/ Offline)
		From	**To**				
1	Outcome Based Education	21-06-2021	25-06-2021	5 Days	Kallam Haranadhareddy Institute of Technology, Guntur		Online
2	Wireless Communication Technologies for IoT	27-07-2020	07-08-2020	12 days	Jointly Organized by Electronics and ICT Academies under Scheme of Financial assistance for setting up of Electronics and Information Technology, Government of India.		Online
3	Artificial Intelligence	14-07-2020	18-07-2020	5 days	Malineni Perumallu Educational Society's Group of Institutions	Brainovisio n Solutions India Pvt. Ltd	Online
4	Quality Education through OBE	13-07-2020	17-07-2020	5 days	Sponsored by AICTE under Margadarshan, hosted by Vardhaman		Online

					College of Engineering, Hyderabad		
5	Image Processing and Computer Vision-Industrial Scope	08-06-2020	12-06-2020	5 Days	Malineni Lakshmaiah Women's Engineering College, Guntur		Online
6	Innovative Trends in Data Analysis with AI	26-05-2020	30-05-2020	5 days	Malineni Lakshmaiah Women's Engineering College, Guntur		Online
7	Networking & Cyber Security	23-05-2020	27-05-2020	5 days	Malineni Perumallu Educational Society's Group of Institutions, in association with Supraja Technologies & IETE Vijayawada		Online
8	Internet of Things (IOT)	18-11-2019	23-11-2019	6 days	Malineni Lakshmaiah Women's Engineering College, Guntur		
9	NIRF	17-10-2019	17-10-2019	1 Day	Andhra Pradesh State Council of Higher Education		
10	Recent Developments in Communication and Computing Technology	22-04-2019	27-04-2019	6 days	Malineni Perumallu Educational Society's Group of Institutions, Guntur		
11	Effective Skills Techniques of teaching and learning Process	18-12-2016	18-12-2016	1 day	Malineni Perumallu Educational Society's Group of Institutions, Guntur		
12	Communications and Signal Processing- A Research Perspective	28-06-2008	29-06-2008	2 Days	Vignan's Engineering College, Guntur		
13	Micro-controllers (Programming & Applications)	30-04-2001	04-05-2001	6 days	Centre for Electronics Test Engineering Society for Electronics Test Engineering, Hyderabad		

8. **Memberships** **:** **MISTE (LM 16065) , Institute of Electrical and Electronic Engineering (F1014 & MIAENG (No.225059)**