Dr ASHOK KUMAR NALLAGONDA

M.Tech (Radar and Microwave Engineering), Ph.D

HOD and Associate Professor

Department of Electronics and Communication Engineering

KASIREDDY NARAYAN REDDY COLLEGE OF ENGINEERING AND RESEARCH

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Degree/ Diploma	Specialization	Board / University	Institute / College	Percentage/ CPI/CGPA
PhD	VLSI - Image processing	DELHI TECHNOLOGICAL UNIVERSITY	DELHI TECHNOLOGICAL UNIVERSITY	71.2
M.Tech / ME	Radar and Microwave Engineering	Andhra University	Andhra University college of Engineering	66.8
B.Tech / BE	Electronics and Communication Engineering	Acharya Nagarjuna University	V. R. Sidhartha Engineering College	61.8
Class XII or Equivalent	MPC	Board of Intermediate Education	Margadarsi Junior college	74.5
Class X or Equivalent	NA	board of Secondary Education	Visakha V Vidyalayam	78.8

Experience Details: 17+ Years

Designation	Organization	Role of work
Associate Professor and HOD	Kasireddy Narayan Reddy College of Engineering & Research	Head of the Department, Teaching
Assistant Professor	Scientific Technological &Research Academy	Teaching
Assistant Professor	AVANTHI S	Teaching

Professional Societies – Membership:

S.No	Membership Name	Membership Number	Institute / Organization	If any other relevant information
1	IEEE	95087231	IEEE	Member
2	IFERP	PM01398762	Institute For Engineering Research And Publication	Member
3	IAENG	289804	IAENG International Association of Engineers	Member

Publication Conferences – Membership

S.No	Publication & co-authors	Conference Name	Year	Venue	Article Title	ISBN Number	Publisher Name
1	springer	2018 15th	2018	Coimbatore India	Throughput and Energy Efficiency of Cooperative Cognitive Radio Network over Erroneous Generalized Fading Channel	978 1	IEEE
		IEEE India Council International Conference INDICON				5386	
						8235 7	

Book Chapter:

S.No	Title	ISBN Number	Volume	Publisher Name	Page Numbers
1	ANTENNAS AND WAVE PROPAGATION CONCEPTS	9781656691880	1	PENGUIN INDIA	250

Publications-Journals

S.No	Journal Name	Journal Vol. Number	Impact Factor	ISSN Number	Publisher Name	Index-ing	Article Title	Year
1	Wireless Networks The Journal of mobile communication Computation and information	volume 19 2013 No 7	2.866	ISSN 1022-38	Springer	SCI	Performance of energy efficient cooperative cognitive radio system over erroneous Nakagami m and Weibull fading channels	2019
2	European Journal of Engineering Research and Science EJERS	2	1.86	2506-8016	IEEE	Scopus	Cooperative Cognitive Radio Network with Soft Data Fusion in Rayleigh Fading Channel	2017
3	IET	13	1.86	1751-8628	IEEE	SCI	Comprehensive performance analysis of data fusion aided cooperative cognitive radio network over fading channel	2019
4	IJACEEE	5	3.5	2248 9584	Others	Others	An Approach to study the Time Based Digital Pixel Sensor	2016
5	IJACEEE	6	3.5	2248 9584	Others	Others	A Time Domain based approach for Image Processing	2017
6	IJVDCS	4	1.5	2322-929	Others	Others	Design and Development of Efficient Reversible Floating Point Arithmetic Unit	2016
7	IJVDCS	4	3.163	2322-929	Others	Others	VLSI - Computational Architectures For The Arithmetic Cosine Transform	2016
8	IJRAET	4	3.5	2347-2812	Others	Others	Design and Implementation modified Booth Recoder for Design using s Mb technique	2015
9	IJMETMR	4	1.745	2320-3706	Others	Others	Arithmetic Logic ALU Design Using Reversible Control Unit	2016
10	IJMETMR	4	1.745	2320-3706	Others	Others	Design of Vedic multipliers for High speed Low Power using Optimized Reversible Logic Gate	2017

11	IJMETMR	4	3.554	2320-3706	Others	Others	Emotion Detection Using EEG Signal Analysis	2017
12	IJAIR	3	3.5	2278-7844	Others	Others	Design of Heterogeneous spectrometers in Radio Astronomy Using FPGA Based scale Down Implementation	2014
13	IJMETMR	4	1.745	2320-3706	Others	Others	Design of UART Serial Communication Module and Simulation Using VHDL	2016
14	IJMETMR	4	1.745	2320-3706	Others	Others	Efficient Carry Select Addar Using VLSI Techniques With Advantages of Area Delay and power	2016
15	International journal of Advanced science and Technology	2021 Issue 7	0.596	0011-9342	Others	Scopus	PERFORMANCE AND ITS ACCURACY TRADING WITH SRAM MODELLING AND LOGICAL ANALYSIS	2021
16	International journal of Advanced science and Technology	VOL 29 No 2020	0.596	2005-4238	Others	Scopus	IMPLEMENTATION AND TESTING ANALYSIS FOR 6T RAM FOR PERFORMANCE CHARATERISTICS	2020
17	International journal of Advanced science and Technology	2021 Issue 7	0.596	0011-9342	Others	Scopus	HYBRID LP DSDT DATA MOMEORY IMPLEMENTATION ON ROUTER ARCHITECTURE IN PACKET TRANSFER APPLICATIONS	2021
18	International journal of Advanced science and Technology	VOL 29 No 02 2020	0.596	2005-4238	Others	Scopus	EFFICIENT PERFORMANCE MODELLING AND IMPLEMENTING LPDIR AND DIR SADC MEMORY CONTROLLER USING VERILOG	2020
19	International journal of Advanced science and Technology	2021 Issue 7	0.596	0011-9342	Others	Scopus	IMPLEMENTATION OF LOW POWER AND ERROR TOLERANT MULTI PRECISION APPROXIMATE MULTIPLIERS USING COMPRESSORS	2021

20	International journal of Advanced science and Technology	VOL 29 No 02 2020	0.596	2005-4238	Others	Scopus	DESIGN AND IMPLEMENTATION OF MONTGOMERY REPRODUCTION ALGORITHM	2020

Best five Workshops /webinars in Descending Order

S.No	Title	From Date	To Date	Year	Select Type
1	Advanced Modeling Of Signals Systems for Industrial Applications	09-01-2017	10-01-2017	2017	Participants
2	Throughput and Energy Efficiency of cooperative Cognitive radioa network over Erroneous Generalized fading channel	16-12-2018	18-12-2018	2018	Participants
3	Aspects on design and analysis of analog electronic circuits with hands on sessions using MULTISIM	25-06-2018	30-06-2018	2018	Participants
4	Electro Magnetic Theory and Transmission lines with Emphasis on MAT lab and Ansys	22-12-2014	27-12-2014	2014	Participants
5	Smart Sensors For IOT Applications	16-12-2019	20--12-2019	2019	Participants

6	VLSI DESIGN CHALLENGE	06-12-2016	08-12-2016	2016	Participants
7	MAT LAB Simulink For Engineering Education	31-08-2012	31-08-2012	2012	Participants
8	Embedded System	02-11-2018	03-11-2018	2018	Participants
9	Artificial Intelligence and Machine Learning	24-05-2021	28-05-2021	2021	Participants