


BIO-DATA	
N.VIGNESHWARAN	
44/36, 5 th Road, Municipal Colony, Erode. Tamil Nadu, India. Official : nvwece@kiot.ac.in Phone : 9940555234	
OBJECTIVE To achieve a challenging position with the technical knowledge where my teaching skills can be put in for the successful completion of the given Assistant Professor job and work sincerely to keep up the reputation of the Institution.	
SKILL SET Technical Interest : Communication, Networks, Signal Processing Software Interest : Lab View, Matlab, Xilinx, Tanner tool, Basics of C	

Areas of Interest	Networks, Communication
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	Subjects Taught	
	UG	PG
	Digital signal processing	ARM Architecture and Programming
	Computer Networks	Advanced Digital Signal Processing
	Digital Communication	
	Digital Electronics	
	Satellite Communication	
	Environmental Science and Engineering	
	Wireless Communication	
	Antenna's and Wave Propagation	
	RF and Microwave Engineering	
	Communication Engineering	

Academic Background				
Degree	Specialization	Name of the Institute	University	
M.E.	Communication Systems	SSN College of Engineering, Chennai	Anna University	
B.E.	Electronics and Communication Engineering	MPNMJ Engineering college, Erode	Anna University	

Work Experience as on June 2022							
Name of the Institution		Position		From		To	
Knowledge Institute of Technology, Salem		Assistant Professor		June 2018		Present	
Prathyusha Engineering College, Chennai.		Assistant Professor		June 2015		July 2017	
(IDRBT) Institute of Development and Research in Banking Technology, Hyderabad		Research Fellowship		May 2015		June 2015	
K.S.Rangasamy College of Technology (KSRCT), Erode.		Assistant Professor		June 2014		April 2015	
Sun Network, Chennai		Transmission Engineer (Technical Department)		Oct 2010		Jan 2013	
Total Experience	11 Years	Teaching	8 Year	Industry	3 Years	Administration	-

RESEARCH FELLOWSHIP					
1.	Under MHRD, Received grant of Rs:25000/pm and Successfully Completed the two months (May-June) period of (SRFP) Summer Research Fellowship – 2015 and worked in the Network Security domain as project trainee under the guidance of Dr. B.M Mehtre (IIT-K), Institute of Development and research in Banking Technology(IDRBT), Hyderabad sponsored by Indian Academy of Sciences (IASc), Bangalore.				
Total Number of Publications	International Journal	National Journal	International Conference	National Conference	Total
	3	-	1	5	9
Publications (Journals)					

1	<p>Published a paper in IJEDR International journal and Presented the same in the national conference NCETSE-2014 titled “2 Dimensional Cellular Automata Based Design of Private Key Encryption Algorithm” at SRM University, Chennai.</p> <p>International Journal of Innovative Research in Computer and Communication Engineering published a paper entitled Early Flood detection and avoidance using IoT in IJIRCCE , Volume 9, Issue 11, November 2021.</p>
2	<p>Presented a paper in the national Conference on Innovations in Information Technology titled “FPGA Implementation(s) of a Scalable Encryption Algorithm” at Vinayka Mission University, Salem.</p>

	Memberships in Professional Bodies
S.No.	Name of the Professional Body
1	Life Member of Indian society of Technical Education(ISTE)
4	Member of International <i>Institution of Electronics and Telecommunication Engineers (IETE)</i>

	Awards and Achievements
1.	➤ Received Best Faculty Award - 2022 in the Department of Electronics and Communication Engineering for the AY 2021-2022 at Knowledge Institute of Technology.
2.	➤ As SPOC received Industry Certified Trained Faculty 2022 during FEED-2022 programme organized for Centre of Excellence colleges by Aspire Systems, Chennai
3.	➤ INTEC Association Coordinator during the year 2019-2022 Department of Electronics and Communication Engineering for the AY 2021-2022 at Knowledge Institute of Technology.
4.	➤ Received placement Coordinator Award 2022 for the placement activity coordination AY 2021-2022 at Knowledge Institute of Technology.
5.	➤ Attained the pass percentage of 98.5% in EVS (UG – ECE -2018) 90% in Satellite Communication (2019 Batch)
6.	➤ Attained the pass percentage of 97% in Computer Networks (UG – CSE -2017), 94% in Antennas and Wave Propagation (UG – 2016 Batch) 93% in RF and Microwave Engineering (UG – 2016 Batch) at Prathyusha Engineering College.
7.	➤ Attained the pass percentage of 98.5% in the DSP paper (UG–2015 Batch) and 100% in ARM Architecture and Programming paper (PG-2015 Batch) at KSRCT.
8.	➤ Active Placement coordinator at PEC and KSR College of Technology .
9.	➤ Top Scorer in Antenna’s and Waveguide paper in my UG.
10.	➤ Winner of Staff Badminton Event in our Annual Sports meet at KSRCT .