


FACULTY PROFILE

Name of the Faculty:		Dr. Ch.V.M.S.N. Pavan Kumar				
Designation:		Assistant Professor				
Department:		ECE				
Date of Birth:		18-06-1989				
AICTE- ID:		1-3364138463				
Education		<ul style="list-style-type: none"> B.Tech in Electronics and Communication Engineering with Distinction from JNTUK University, Kakinada from 2006-2010. M.Tech in Communication Engineering and Signal Processing with Distinction from Acharya Nagarjuna University, Guntur from 2011-2013. PhD in Wireless Communications (Heterogeneous Networks) specialization from Pondicherry University in 2018. 				
Experience		Teaching: 8 Years	Industry: *****	Total: 10 years		
		Research: 2 Years	Others: *****			
Research Specialization		Wireless Communication, Small Cells, Heterogeneous networks				
Courses taught		<ol style="list-style-type: none"> 1. Electronic Circuit Analysis 2. Digital Image Processing 3. Data Structures using Python 4. Microprocessors and Microcontrollers 5. Wireless and Mobile Communications 6. Analog and Digital Communication 7. Network Analysis 8. Pulse and Digital Circuits 9. Analog Electronic Circuits 10. Cellular and Mobile Communications 11. Electronic Devices and Circuits 				
Research contributions						
International/national peer reviewed journals						
S. No.	Title of paper	Journal	Year	Volume	pages	Indexing (SCI/WoS/SCOPUS, Google scholar)
1	Automatic Recognition of Lung Tumor Using Convolutional Neural Networks	Cardiometry	2023	Vol.26	pp.302-308	Scopus
2	A bio-inspired AlexNet-DrpXLm	Concurrency	2022	Vol.34		SCI

	architype for an effective brain stroke lesion detection and classification	and Computation: Practice and Experience				
3	Non-Dominated Sorting Particle Swarm Optimization (NSPSO) for Multi-Channel Cooperative Spectrum Sensing in Heterogeneous Green CRNs	International Journal of Advanced Intelligence Paradigms	2021	Vol.18	pp: 25-45	Scopus
4	Road Irregularities Detection and Driver Alert System	Journal of University of Shanghai for Science and Technology	2020	Vol.22	pp: 860-866	Scopus
5	Reconfigurable Tri-band Planar Monopole Antenna for LTE and WiMAX Applications using FR4 Material	Materials Today: Proceedings	2021	Vol.39	pp: 513-519	Scopus
6	Dynamic Allocation Of Spectrum in Hybrid Access Cognitive Femtocell Networks With Practical Spectrum Sensing	International Journal of Advanced Science and Technology	2019	Vol.28		Scopus

Books published

S. No.	Title of the book	Publisher	year
-	-	-	-

Book chapters Published

S.No.	Title of the Chapter	Book title	Publisher	year
1	Dual Band Hybrid DRA Antenna Design For WLAN Application	Futuristic Trends in Network & Communication Technologies	IIP Proceedings	Volume 2, Book 19, Part 3, Chapter 1, ISBN: 978-81-959356-1-1
2	Review on Sparse- Based Multipath Estimation and Mitigation: Intense Solution to Counteract the Effects in software GPS receivers	Multifunctional Operation and Application of GPS	IntecOpen Publishers	2018

Details of Patents (Filed & Granted)

S. No.	Applications number	Title of the patent	Date of filing/publishing	Published/granted
1	201941019143A	Clogging Control and prevention in routing in WSN	Date of Publication : 14.6.2019	Published

Details of Conferences/FDPs/STTPs/webinars/Workshops Organized

S.No.	Name of the event	Role	Dates
1	Micro Architecture Design: Deep Dive into RISC V	Convener & Coordinator	10th & 11th July 2023
2	Recent Trends in Next Generation Communication Technologies	Convener & Coordinator	16 th to 20 th August, 2021
3	Applications of Deep Learning Techniques to 5G and Beyond 5G Wireless Communication Technologies	Convener & Coordinator	19 th to 21 st September 2022

Details of Conferences/FDPs/STTPs/webinars/Workshops Participated

S.No.	Name of the event	Organized by	Dates
1	Two-day Online Workshop on 5G NOMA Communications	CVR College of Engineering	12 th to 13 th Aug., 2023
2	National One Week FDP (online) on Recent Trends in VLSI and Nano Electronics	Sree Vidyanikethan Engineering College	4 th to 9 th July, 2022
3	One Week FDP on Advances in Wireless and Antenna Technology	KLE Technological University, Belgavi	7 th to 12 th Nov., 2022
4	Six day online FDP on "Hands-on Deep Learning Architectures for Data Classification Using Python"	Dhanekula Institute of Engineering & Technology	26-09-2022 to 01-10-2022
5	Three Day National level online workshop on "Outcome Based Education and Examination Reforms"	IQAC, BEC, Bapatla	03 rd to 5 th August 2022
6	30 Days Master Class on Advanced Python Programming	Pantech e Learning in association with APSSDC	27/10/2022 to 27/11/2022
7	Certification on Data Structures and Algorithms: In-Depth using Python	Udemy	Nov. 25, 2022
8	ATAL FDP on Artificial Intelligence & Machine Learning	University Institute of Technology, Rajiv Gandhi Proudhyogiki Vishwavidyalaya	25/10/2021 to 29/10/2021

9	Faculty Development Program on “Recent Advances in Antennas for Wireless Communications”	BEC, Bapatla	27/07/2021 to 31/07/2021
10	Five Day Faculty Development Program (Online) on “ Recent Trends in Next Generation Communication Technologies ”	BEC, Bapatla	16th to 20thAugust , 2021
11	one week (online) faculty development program on Emerging Trends in Electronics, Communication and Networking Technologies	Sree Vidyanikethan Engineering College	25.10.2021 to 29.10.2021
12	Five Day National online FDP on Advances in Signal Processing And Artificial Intelligence Technologies	G.Pullareddy Engineering College	06/7/2020 to 10/07/2020

Awards/recognitions/achievements

S.No.	Name of the Award	Awarding body/Society/Organization	Year
1	Best Teacher Award	Bapatla Engineering College	2020-21
2	Young Research Award	Institute of Scholars	2020-21
3	Editor for the book entitled Futuristic Trends in Network & Communication Technologies	IIP Proceedings	2022,2023

Details of project proposals submitted/sanctioned/completed

S.No.	Title of the Project	Funding body	Submitted/ Sanctioned/ Completed	Amount	Year/ duration
-	-	-	-	-	-

Consultancy contribution

S.No.	Year	Amount	Details
-	-	-	-

Student Project/research guidance

S.No	Level	Total number	
1	UG	Completed:8	Ongoing: 1
2	PG	Completed:2	Ongoing: 0
3	PhD	Completed: 0	Ongoing: 0

Administrative experience

S.No.	Role	Duration (From – to)
1	NBA Coordinator	15 th July, 2023 to Till date
2	IQAC Member	2021 to Till date
3	Admission Coordinator	2020-21

Research credentials

Index/database	ID/Link
Google Scholar	K02Ua0EAAAAJ
SCOPUS	57212171851
Web of Science	
Vidwan ID	323974

- **DSP Lab In-charge**

(Dr.Ch.V.M.S.N.Pavan Kumar)
(14/09/2023)