FACULTY PROFILE

Name of the Faculty:	Dr. V Hanuman Kumar	
Designation:	Assoc. Prof.	
Department:	IT	
Date of Birth:	29 – 05 – 1982	
AICTE– ID:	1-3576276873	

Education	• B.Tech in IT from Bapatla Engineering College, 2004 • M.Tech in IT from Andhra University College of Engineering, 2007 • PhD in Computer Science and Engineering from Andhra University College of Engineering, 2015		
Experience	Teaching: 14 Years	Industry: 3.4 Years	**Total:** 17.4 Years
	Research: Years	Others: Years	
Research Specialization	Computer Bionics		
Courses taught	1. Analysis and Design of Algorithms 2. Computer Organization 3. Python Programming 4. Machine Learning & Deep Learning 5. Data Science 6. Formal Languages Automata Theory 7. Logic Design		

Research contributions

International/national peer reviewed journals

S. No.	Title of Paper	Journal Name	Year	Volume	Pages	Indexing - SCI/WOS/Scopu Scholar
1	Digital speech processing design for FPGA architecture for auditory prostheses	J. Comput. Sci. Eng	2011	6	33-42	Google Scholar
2	Configuration of FPGA for Computerized Speech/Sound Processing for Bio-Computing Systems	International Journal of Computer Science Issues (IJCSI)	2011	8	246	Scopus

3	AUDITORY SENSATION TO THE DEAFENEDPERSON USING COCHLEAR IMPLANT SYSTEM WITH COMPUTERIZED FPGA SPEECH/SOUND PROCESSING UNIT	International Journal of Information Technology Convergence and Services	2012	2	19	Google Scholar	
4	An FPGA Based Digital Speech Processor for Auditory Prosthesis	CDES 2010	2010		109-116	Google Scholar	
5	Computerized Speech Processing in Hearing Aids using FPGA Architecture	International Journal of Advanced Computer Science and Applications	2011	2	106-111	Scopus, WOS	
6	An Efficient Frame Work for Intelligent Navigation System by Using Real Time Traffic Index	International Journal of Scientific Engineering and Technology Research	2015	4	9709-9713	Google Scholar	
7	Enhanced Secure and Authentication Protocol for WSN for Urban Transportation	International Journal of Computer Science Trends and Technology	2016	4		Google Scholar	
8	Balancing Load in Smart phones	International Journal Of Engineering And Computer Science	2017	6	19987-19993	Google Scholar	
9	Modern sensors, applications and health safety	International journal of basic and applied research	2018	8	1198-1206	Google Scholar	
10	Python Libraries, Development Frameworks and Algorithms for Machine Learning Applications	International Journal of Engineering Research & Technology (IJERT)	2018	7	210-217	Google Scholar	
11	Automated Students Answer Scripts Evaluation System using Advanced Machine Learning Techniques	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2018	6	1794-1797	Google Scholar	

12	Mobclouds -An Offloading Process	International Journal of Scientific Research in Computer Science Applications and Management Studies	2018	7		Google Scholar	
13	Skin Cancer Detection Using Machine Learning Algorithm	International Journal of Research in Advent Technology	2018	6	3447-3451	Google Scholar	
14	Analysing Privacy for Remote Data in a Cloud Storage	Journal of Emerging Technologies and Innovative Research	2019	6	424-426	Google Scholar	
15	Regression Technique to Predict Stages of Basal Cell Carcinoma	International Journal of Computer Sciences and Engineering	2019	7	956-960	Google Scholar	
16	Expression Recognition using Neural Network	International Journal for Research in Applied Science & Engineering Technology	2019	7	33-35	Google Scholar	

Books published

S. No.	Title of the book	Publisher	year
1	Computerized Data Processing	Lambert	2018
2	Explore Data Science and Machine Learning by Python Example	Notion Press	2020
3	Python Acer – Python Developer's Guide	Notion Press	2023
4	3D Modeling & Print with Artificial Intelligence	Notion Press	2024

Book chapters Published

S.No.	Title of the Chapter	Book title	Publisher	year
1				

Details of Patents(Filed / Granted)

S. No.	Applications number	Title of the patent	Date of filing/publishing	Published/granted
1	6431575	AI-BASED CHILD ACTIVITY TRACKING DEVICE	26 March 2025	granted

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

S. No.	Name of the event	Role	Dates
1	Build Smart with AI: Android App. Development Boot Camp	Coordinator	16th to 18th Oct, 2025
2	A National Conference on Advancements in Computer Science and Engineering In association with VTU, Belagavi and Computer Society of India.	Coordinator	24 to 26th Apr, 2019
3	SARGAM – 2019 Tech Fest	Coordinator	20 & 21st Sep, 2019
4	Internal Hackathon,	Organizer	7th Feb, 2020

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

S. No.	Name of the event	Organized by	Dates
1	Large Language Models	NPTEL	27 Apr 2025

Awards/recognitions/achievements

S. No.	Name of the Award	Awarding body/Society/Organization	Year

Details of project proposals submitted/sanctioned/completed

S. No.	Title of the Project	Funding body	Submitted/ Sanctioned/ Completed	Amount	Year/ duration
1	Design and Development of Cost-Effective AI-Enabled Augmented Reality Glasses for Enhancing Mobility and Independence of Visually Impaired Individuals in Developing Countries	Indian Council Of Social Science Research: 2024 – 25	Submitted	2914000/-	2 – years
2	Artificial Intelligence (AI) – Powered Multilingual Social Companion Robot for Learning and Elderly Wellness	ICSSR – RMM 2025 4914	Submitted	2990000/-	2 – years

Consultancy contribution

S. No.	Year	Amount	Details
1			

Student Project/research guidance

S. No	Level	Total number
1	**UG**	15
2	**PG**	12
3	**PhD**	--

Administrative experience

S. No.	Role	Duration (From – to)
1	IQAC - Coordinator	Till now
2	NBA & NAAC - Coordinator	Till Now

Research credentials

Index/database	ID/Link
Google Scholar	https://scholar.google.com/citations?user=zfWJVkEAAAAJ&hl=en
SCOPUS	
Orcid id	(https://orcid.org/0000-0003-3378-6380)
Vidwan ID	

Any other relevant information

Dr. V Hanuman Kumar
28 – 02 – 2026