FACULTY PROFILE

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

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: 13 Years	Industry: 3.4 Years	**Total:** 16.4 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 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				

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

S. No.	Name of the event	Role	Dates
1	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
2	SARGAM – 2019 Tech Fest	Coordinator	20 & 21st Sep, 2019
3	Internal Hackathon,	Organizer	7th Feb, 2020

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

S. No.	Name of the event	Organized by	Dates

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	Indian Council Of Social Science Research: 2024 – 25	Submitted	2914000/-	2 – years

	Mobility and Independence of Visually Impaired Individuals in Developing Countries				

Consultancy contribution

S. No.	Year	Amount	Details
1			

Student Project/research guidance

S. No	Level	Total number
1	UG	12
2	PG	10
3	PhD	--

Administrative experience

S. No.	Role	Duration (From – to)
1		
2		

Research credentials

Index/database	ID/Link
Google Scholar	https://scholar.google.com/citations?user=zfWJVkEAAAAJ&hl=en
SCOPUS	
Orcid id	
Vidwan ID	

Any other relevant information

Dr. V Hanuman Kumar

19 – 07 – 2024