Profile

Name of the Faculty	Hareesha Dandamudi	
Designation	Assistant Professor	
Department	Electronics and Communication Engineering	
Date of Birth	21.05.1981	
DOJ the Institution	24.06.2005	
Employee ID	ECE060151	

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Education Qualifications	UG	PG	Ph.D	Others
	B.Tech.	M.Tech	Pursuing	

Work experience	Teaching	Research		Industry	Others
	19				

Area of Specialization	Communications and Signal Processing

Courses taught at Under Graduate/ Post Graduate Level: (full course title only)

Ex.. Electronic Devices & Circuits, Microprocessors & Microcontrollers, Embedded Systems, Digital Signal Processing, Computer Architecture & organization, Embedded & Real Time Systems, Digital Image Processing, Internet of Things, Network Analysis, DSP Processors and Architectures.

Professional Memberships & ID's : IETE: M-234482;   ISTE: LM 102520

Research Publications & Guidance	National Journals	International Journals	National Conferences	International Conferences	Patents	Books / Book chapters
	-	3		2		
	Masters			-		

Details of Paper Publications (In IEEE Format only Descending order)	**Journals:** 1. Hareesha.D, Ahamed Shaik Fayaz, Priyanka Brahmaiah, V, Kalpana Dinagari, arun M, Satyanarayana P- Intelligent Decision Technologies- A novel multi-level clustering mechanism using heuristic approach for secure data transmission in WSN sector with various trust computation. ISSN: 1875-8843; Vol:17; Issue:4; Pg no: 1417-1433; Nov-2023; 2. D.Hareesha, Dr.Charan Sing Tejavath, Dr.K.Vinay Kumar, Gouthami Velakanti **-** International Journal of Intelligent Systems and Applications in Engineering - Improving Data Transmission by Efficient Communication Protocol to Control Wearable Sensors with Risk Level Analysis in Smart E Health ISSN: 12147-6799; Vol:11 9s; Pg no: 317-329; Jul-2023; 3. D. Hareesha, V. Susmitha Rani, S.Gopi Chand - International Journal of Engineering and Advanced Technology (IJEAT) - License Plate Detection using OCR with KNN; ISSN: 2249-8958; Vol:9; Issue:4;Pg no: 1087; Apr-2020; **Conferences:** 1. Hareesha D, Shaik Hussainbee, Velamala V S S Lakshmi Narasimha, Vadlamani Satya Bharathi, Shaik Firoj, Enhanced Retinal Image Analysis for Diabetic Retinopathy Detection using EfficientNetB3- International Conference on Recent Challenges in Engineering and Technology (ICRCET-2024) during 23rd- 24th April, 2024. 2. D.Hareesha, Mohammad Noorjaha Bhanu, Mohammad Afiya Begum, Kunda Purna Sai Durga - Automatic Parking System - International Conference on Research Advancements and Innovations in Computing, Communications and Information Technologies" (ICRAIC2IT-2022) during 22.4.2022 to 24.4.2022.
Details of Patents Published / Granted	
Details of Certification Courses / Workshops / STTP's / FDP (participated / organized)	Participated: 1. Workshop on The Digital Leap in Learning: GENAI Tools for Academic Empowerment conducted by Research & Development Cell, PVPSIT on 2nd march 2024. 2. FDP on AI/ML and Data Science for Industry 4.O (Intermediate Level) conducted by Vijaya Institute of Technology For Women during 29th January - 2nd February 2024. 3. FDP on 5G and Beyond by NITTTR, Chandigarh at PVPSIT during 5th – 9th February 2024. 4. FDP on Cloud Infrastructure (AWS) organized by AICTE & Brain o vision Solutions India Pvt Ltd during 21st – 25th

	August, 2023.
	5. FDP on Neural Networks and Fuzzy Logic organized PVP Siddhartha Institute of Technology in Association with NITTTR, Chandigarh during 21st August – 1st September, 2023.
	6. FDP on Accreditation and Outcome Based Learning organized by NPTEL during 21st August – 13th October, 2023.
	7. Workshop on Development of IoT System for Targeted Applications using ARM organized by Department of ECE, PVPSIT on 21st & 22nd June, 2023.
	8. Industrial training program on KEIL & ARM Processor offered by Efftronics Systems Pvt. Ltd., Mangalagiri from 23rd January 2023 to 27th April, 2023.
	9. FDP on Medical Image Processing organised by Electronics and ICT Academies at IIT Roorkee, MNIT Jaipur, NIT Patna, PDPM IIITDM Jabalpur and NIT Warangal during 22nd August - 02nd September' 2022.
	10. FDP on VLSI Design & Nano electronics: Emerging Challenges & Opportunities sponsored by Electronics and ICT Academy at PDPM IIITDM Jabalpur during 1st – 8th September' 2022.
	11. FDP on Deep Learning in Computer Vision: An End-to-End Pipeline organised by VR Siddhartha Engineering College, Vijayawada, India during 27th - 31st December' 2022.
	12. workshop on Medical Image & Signal Processing Using Python organized by Dept. of CSE Sasi Institute of Tech & Engg & IEEE Computer Society Vizag Bay Section during 7th – 12th March' 2022.
	13. IP Awareness/Training program under National Intellectual Property Awareness Mission conducted by PVP Siddhartha Institute of Technology, on 23rd February' 2022.
	14. Training Programme on Advanced Communication Systems organized by NITTTR -Chennai during 28th February - 4th March' 2022.
	15. FDP on Trends in Embedded Systems and IOT organized by Department of ECE, Seshadrirao Gudlavalleru Engineering College during 20th – 25th June' 2022.
	16. workshop on AICTE-ISTE sponsored One Week Online Induction Programme on Millimetre Wave Frequencies (Phase-III) organized by Gudlavalleru Engineering College during 17th – 24th August' 2021.
	17. STTP through ICT Mode on Outcome Based Curriculum – Design and Implementation organized by National Institute of Technical Teachers Training and Research (NITTTR)-Kolkata during 2nd - 13th August' 2021.
	18. STTP on Trends and Challenges in Medical Image Analysis Through Deep Learning Algorithms Phase-IV organized by during 2021participated in Faculty Development Programme on organized by VRSEC during 13th – 19th September' 2021.
	19. FDP on Artificial Intelligence for Computer Vision organized by Indian Institute of Technology, Roorkee during 12th – 16th

	July' 2021.
	20. Training Program on NI MyRio FPGA organized by Department of ECE, PVPSIT during 18th – 20th January' 2021.
	21. FDP on Lab on chip organized by Department of Electronics and Instrumentation Engineering, SRM Institute of Science and Technology during 18th - 22nd January' 2021.
	22. FDP on Millimeter Wave Frequencies Phase-II organized by Gudlavalleru Engineering College during 16th – 22nd March' 2021.
	23. FDP on Parallel and Distributed Deep Learning organized by IIIT, Nagpur during 28th June - 2nd July' 2021.
	24. FDP on Advancement in Communication Engineering Technologies with Simulation Tools organized by Vishnu Institute of Technology, Bhimavaram during 1st -5th July, 2020.
	25. FDP on IoT conducted by APSSDC during 13th – 25th July, 2020.
	26. FDP on Research Trends in Image Processing with Machine Learning and Deep Learning organized by Dept. of ECE, G. Pulla Reddy Engineering College, Kurnool, Andhra Pradesh during 21st - 25th July, 2020.
	27. STTP on IoT Application Development Using Python (SMART AGRICULTURE) organized by Narasaraopeta Engineering College, Narasaraopet during 27th July -1st August, 2020.
	28. FDP on Machine Learning and IOT Technologies for Environmental Issues organized by Dept. of CSE, PVPSIT during 21st – 26th September, 2020.
	29. FDP on Professional Morals Work ethics, Accountability for Teachers in Technical Education organized by VRSEC during 19th – 31st October, 2020.
	30. STTP on Trends and Challenges in Medical Image Analysis through Deep Learning Algorithms Phase-I organized by Department of EIE, VR Siddhartha Engineering College, Vijayawada during 26th – 31st October, 2020.
	31. FDP on Cloud Computing with Microsoft Azure organized by Dept. of CSE, PVPSIT during 9th – 14th November, 2020.
	32. FDP on Internet of Things (IoT) organized by Koneru Lakshmaiah Education Foundation during 14th -18th December, 2020.
	33. STTP on Trends and Challenges in Medical Image Analysis through Deep Learning Algorithms Phase-II organized by Department of EIE, VR Siddhartha Engineering College, Vijayawada during 7th – 12th December, 2020.
	34. FDP Blockchain Security and Smart Contracts organized by VRSEC, kanuru under AICTE Margadarshan during 15th – 20th June 2020.
	35. FDP on MATLAB and Simulink in Engineering Education organized by APSSDC in collaboration with Capricot & Mathworks during 10th and 11th June, 2020.
	36.
	37. FDP on IOT With Artificial Intelligence organized by Dept. of

	ECE, SIR C R Reddy Engineering college, Eluru during 27th – 29th May, 2020.
	38. FDP on Trends in Communication organized by Dept. of ECE, SIR C R Reddy Engineering college, Eluru during 26th – 30th May, 2020.
	39. FDP on Python Programming conducted by APSSDC during 18th – 30th May, 2020.
	40. workshop on VLSI Circuits Analog and Digital Design Perspectives conducted by Department of Electronics and Communication Engineering, JNTUA in association with AMS semiconductors & HCL Technologies on 16th & 17th May, 2020.
	41. FDP on on Control and Automation by NITTTR, Kolkata at PVPSIT during 18th - 22nd November, 2019.
	42. FDP on Quality Assurance in Education through the Quality Circles organized by IQAC, PVPSIT on 2nd November, 2019.
	43. FDP on Recent Advances in Communications and Signal Processing organized by E&ICT Academy, NIT Warangal and NRI Institute of Technology during 29th October, 2018 - 4th November, 2018.
	44. FDP on Water Pollution and Health organized by NITTTR, Kolkata through ICT Mode in Knowledge Centre, PVPSIT during 21st – 25th October, 2019.
	45. FDP on VLSI Design conducted by NITTTR Chandigarh, organized by dept. of ECE during 24th – 28th September, 2018 at PVPSIT knowledge Centre.
	46. Intellectual Property Rights & Innovation organized by PVPSIT in collaboration with IQAC cell on 29th April, 2019.
Details of Projects Applied / Awarded	
Any Other information	