


Profile

Name of the Faculty	ANE ASHOK BABU			
Designation	ASSISTANT PROFESSOR			
Department	ELECTRONICS & COMMUNICATION ENGINEERING			
Date of Birth	13-04-1985			
DOJ the Institution	30-09-2008			
Employee ID	ECE 060302			
Address for communication	D.No. 8-28-16, BALAJI RAO PET, TENALI – 522202 GUNTUR (Dt.)	Permanent Address		D.No. 8-28-16, BALAJI RAO PET, TENALI – 522202 GUNTUR (Dt.)
Email-ID	ashokbabu@pvpsidhartha.ac.in			
AICTE Unique ID	1-454503265			AAPAR ID: 475862028594
Education Qualifications	UG	PG	Ph.D	Others
	B.Tech. (ECE)	M.Tech (DIGITAL COMMUNICATIONS)	Pursuing	
Work experience	Teaching	Research		Industry
	17 years	---		---
Area of Specialization	WIRELESS COMMUNICATIONS			
<p>Courses taught at Under Graduate/ Post Graduate Level: (full course title only)</p> <p>B.Tech.:</p> <ol style="list-style-type: none"> 1. Electronic Devices & Circuits, 2. Control Systems, 3. Probability Theory & Random Variables, 4. Basic Electronic Engineering, 5. Introduction to Programming, 6. C Programming, 7. Analog Communications, 8. Digital Communications, 9. Global Positioning System, 10. Cellular & Mobile Communications, 				

11. Optical Communications,
12. Optical Fiber Communications & Networks,
13. Wireless Communications & Networks,
14. Wireless Sensor Networks,
15. Sensor Technology,
16. Advanced Digital Modulations & Coding Theory,
17. Information Theory & Coding

M.Tech.:

1. Advanced Digital Communications,
2. Advanced Coding Theory Techniques,
3. Cognitive Radio,
4. Detection & Estimation Theory

Professional Memberships & ID's :

1. ISTE - LM 100919
2. IETE - AM234537

Research Publications & Guidance	National Journals	International Journals	National Conferences	International Conferences	Patents	Books / Book chapters
	-	10		--	1	1
	Masters	--		-		

Details of Paper Publications (In IEEE Format only Descending order)	<p>Journals:</p> <ol style="list-style-type: none"> 1. Ashok Babu Ane etc. "Optimized Classification with CBGRU-CapNet on Thermographic Analysis to Detect Diabetic Foot Ulcers with Precise Diagnosis, Journal of Biomedical Photonics & Engineering, Vol 11 issue 1, ISSN 2411-2844 pages 010306 -1 – 15, Mar-2025 (SCOPUS). 2. Ashok Babu Ane etc. "MULTICLASS MEMBRANE GASH UNCOVERING AND TAXONOMY USING AMALGAM FEATURES SELECTION BASED ON DEEP CNN", Journal of Theoretical and Applied Information Technology, Vol 102, issue 9, ISSN 1992-8645, Pages 7103-7109, Oct-2024(Scopus). 3. Ashok Babu Ane etc. "HEREDITARY APPROACH FOR FINEST DISSECTION SYSTEM FOR WEB DATA", Journal of Theoretical and Applied Information Technology, Vol 102, issue 10, ISSN 1992-8645, Pages 4546-4558, May-2024(Scopus). 4. Ashok Babu Ane etc. "PYTHON BASED CONVOLUTION NEURAL NETWORK TO DETECT LEAF DISEASE -AN IMPLEMENTATION", Journal of Theoretical and Applied
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	<p>Information Technology, Vol 102, issue 8, ISSN 1992-8645, Pages 3335-3339, April-2024(Scopus).</p> <p>5. Ashok Babu Ane etc. “DEEP LEARNING CENTERED METHODOLOGY FOR AGE GUESSTIMATE OF FACIAL IMAGES”, Journal of Theoretical and Applied Information Technology, Vol 102, issue 6, ISSN 1992-8645, Pages 2568-2572, Mar -2024(Scopus).</p> <p>6. Ashok Babu Ane etc. “MITIGATION OF SPECTRUM SENSING DATA FALSIFICATION ATTACK USING MULTILAYER PERCEPTION IN COGNITIVE RADIO NETWORKS”, ACTA journal of the International Measurement Confederation (IMEKO), Vol 11, issue March, ISSN 2221-870X, Pages 1-7, Mar -2022(Scopus).</p> <p>7. Ashok Babu Ane etc. “EFFECTIVENESS OF NON-ORTHOGONAL MULTIPLE ACCESS BY ASSESSMENT OF 5G NETWORKS”, Turkish Journal of Computer and Mathematics Education, Vol 12, issue 9, ISSN 1309-4653, Pages 694 - 701, April -2021.</p> <p>8. Ashok Babu Ane etc. “ESTIMATION OF NON-CONDUCTIVE PROPERTIES OF SUBSTRATE FOR MICROSTRIP ANTENNA”, International Journal For Technological Research In Engineering, Vol 8, issue 6, ISSN 2347 - 4718, Pages 16- 19, Feb -2021.</p> <p>9. Ashok Babu Ane etc. “EFFICACY OF NON-ORTHOGONAL MULTIPLE ACCESS BY ASSESSMENT OF 5G NETWORKS”, International Journal For Technological Research In Engineering, Vol 8, issue 6, ISSN 2347 - 4718, Pages 65- 67, Feb -2021.</p> <p>10. Ashok Babu Ane etc. “DESIGN AND DEVELOPMENT OF EFFICIENT STREET LIGHT MECHANISM”, Journal of Emerging Technologies and Innovative Research, Vol 6, issue 6, ISSN 2349-5162, Pages 318, June- 2019.</p>
Details of Patents Published / Granted	<p>“A METHOD AND A SYSTEM FOR EMOTION RECOGNITION FROM A SPEECH” Application No.202041052994 A, The Patent Office Journal No. 50/2020 Dated 11/12/2020 Page no: 61803 INDIA</p>
Details of Certification Courses / Workshops / STTP's / FDP (participated / organized)	<p>Participated:</p> <ul style="list-style-type: none"> ➤ One Week FDP on “Recent Innovations in communication systems, AI, ML and Biomedical systems” from 20.01.2025 to 24.01.2025 organized by Electronics and ICT Academy IIT

	<p>Roorkee in association with KKR &KSR Institute of Technology and Sciences, Guntur.</p> <ul style="list-style-type: none"> ➤ A one day FDP on “Practical implementation of Artificial Intelligence & IoT in Engineering Solutions” on 25.01.2024 organized by Dept. of ECE PVPSIT, Kanuru, Vijayawada. ➤ One Week FDP on “5G and Beyond” from 05.02.2024 to 09.02.2024 organized by NITTTR, Chandigarh at PVPSIT, Kanuru, Vijayawada. ➤ Online NEP 2020 Orientation & Sensitization Programme from 19.07.2024 to 27.07.2024 organized MMTTC, Osmania University, Hyderabad, Telangana. ➤ One Week FDP on “Microstrip Patch Antenna Design Techniques and Tools” from 16.09.2024 to 20.09.2024 organized by NITTTR, Chandigarh at PVPSIT, Kanuru, Vijayawada. ➤ One Week FDP on “AI for Engineering Applications” from 04.11.2024 to 08.11.2024 organized by NITTTR, Chandigarh at PVPSIT, Kanuru, Vijayawada. ➤ A two-day workshop on “Antenna Design for Modern Wireless Applications” from 21.05.2024 to 22.05.2024 organized by Department of ECE, PVPSIT, Kanuru, Vijayawada ➤ A One day workshop on “The Digital Leap in Learning: GENAI Tools for Academic Empowerment” on 02.03.2024 to 15.03.2024 organized by The Research & Development Cell in association with IQAC, PVPSIT, Kanuru, Vijayawada ➤ One Week online workshop on “Quality Research Paper and Funding Project Proposal Writing” from 11.03.2024 to 15.03.2024 organized by Department of EEE, PVPSIT, Kanuru, Vijayawada. ➤ A One Week FDP on “Antenna & Wireless Technologies” from 20.02.2023 to 24.02.2023 organized by NITTTR, Chandigarh at PVPSIT, Kanuru, Vijayawada. ➤ A One Week FDP on “Recent Trends in Wireless Communication” from 24.04.2023 to 28.04.2023 organized by NITTTR, Chandigarh at PVPSIT, Kanuru, Vijayawada. ➤ A Two Week FDP on “Neural Networks and Fuzzy Logic” from 21.08.2023 to 01.09.2023 organized by NITTTR, Chandigarh at PVPSIT, Kanuru, Vijayawada. ➤ A 3-day National Workshop on “Advanced Antennas for Space, Vehicular and Ground Applications (AASVEGA)” from 7th – 9th March, 2024 organized by University College of Engineering, Osmania University, Hyderabad. ➤ A two-day workshop on “Development of IoT System for
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	<p>Targeted Applications using ARM” from 21.06.2023 to 22.06.2023 organized by Department of ECE, PVPSIT, Kanuru, Vijayawada.</p> <ul style="list-style-type: none"> ➤ A Two Week Online FDP on “Medical Image processing” from 22.08.2022 to 02.09.2022 Jointly Organized by E & ICT Academy: NIT Warangal, PDPM IITDM Jabalpur, IIT Kanpur, NIT Patna, MNIT Jaipur, IIT Roorkee. ➤ A three day FDP on “Design and Practical Aspects of RF Devices, MEMS And Antennas For 5G Communications, Radar and Electronic Warfare” from 14.12.2022 to 16.12.2022 organized by Antenna Research Group, ECE Department, VRSEC, Vijayawada. ➤ A 3-day National Workshop on “Recent Trends in Radar Signal Processing” from 3rd – 5th January, 2022 organized by the Dept. of ECE, Gayatri Vidya Parishad College Of Engineering For Women, Visakhapatnam. ➤ One Week online ATAL FDP on “Overview of Speech Processing” from 13.12.2021 to 17.12.2021 organized by IIT Dharwad. ➤ One Week online ATAL FDP on “Wearable Devices & Antenna Technologies for IoT, Mobile and Telemedicine Applications” from 05.07.2021 to 09.07.2021 organized by Department of ECE, Saveetha School of Engineering. ➤ One Week Short term training programme through ICT Mode on “Essentials of OBE” from 26.07.2021 to 30.07.2021 organized by NITTR, Kolkata. ➤ A two days online FDP on “Microstrip Antennas for Advanced Wireless Communications” from 15th – 16th May, 2020 organized Department of ECE, KHIT in association with IETE, Vijayawada Division. ➤ One week FDP on “Design Thinking and Product Innovation” from 9th – 13th March, 2020 organized by the Department of Department of Mechanical Engineering, PVPSIT, Vijayawada. ➤ One week online FDP on “Trends in Communication” from 26th – 30th May, 2020 organized by Department of ECE, Sir CR Reddy Engineering College in associated with Averzs Technologies. ➤ A two week online FDP on “ICT Tools for Teaching, Learning Process & Institutes” from 10th - 21st August, 2020 Jointly organized by EICT Academies- NIT Patna, MNIT Jaipur, IIT Roorkee, IITDM Jabalpur, IIT Guwahati. ➤ A One day FDP on “IPR & Innovation management in Engineering Science” on 08.10.2020 organized by IQAC, PVPSIT in Association with APSCHE.
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	<ul style="list-style-type: none"> ➤ A one day FDP on “Intellectual Property Rights & Innovation” on 29.04.2019 organized Department of Business administration in association with IQAC. ➤ A one week Faculty Development Program on “New trends and Methodologies in Engineering Education” from 24th - 29th April, 2017 organized by the E & ICT Academy, NIT, Warangal at PVP Siddhartha Institute of Technology, Vijayawada ➤ A one-day workshop on “Innovative Teaching Strategies in Engineering Education” on 24.03.2017 organized by the Department of Mathematics, VRSEC, Kanuru, Vijayawada. ➤ A two-day workshop on “Advances in Mathematical Models for Image Processing” from 04.03.2016 to 05.03.2016 organized by Department of Electronics & Communications Engineering, PVPSIT, Kanuru, Vijayawada. ➤ A one-week AICTE recognized short term course on “Introduction to Embedded System through ICT” from 08.02.2016 to 12.02.2016 conducted by the Department of Electronics & Communications Engineering, NIT, Chandigarh at PVPSIT, Kanuru, Vijayawada. ➤ A two-day workshop on “Advanced Trends in Embedded Systems, ATES-2014” on 28th February – 1st March, 2014 conducted by the Department of Electronics and Computer Engineering and EEE, PVPSIT, Kanuru, Vijayawada. ➤
Details of Projects Applied / Awarded	---
Books Published	<p>ANE ASHOK ABAU Published a Text Book “Digital Principles System Design”, Notion Press Media Pvt. Ltd., ISBN – 979-8889238638, ASIN : B0BRJQPXLC, 196 Pages, January 2023.</p>