BIO – DATA

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Vidwan ID: 613960

Web of Science Researcher ID: HGU-2613-2022

Qualifications:

Course	Name of the Institution	Duration	Percentage
Ph.D.	JNTUA University, Ananthapuramu	Pursuing	-
M.Tech- Power Industrial Drives	JNTU College of Engineering, Anantapur.	2015-2017	7.6 (CGPA)
B.Tech- Electrical and Electronics Engineering	Srinivasa Ramanujan Institute of Technology, Anantapur.	2010-2014	72%
Higher Secondary Education- Class XII (A.P. State Board)	Narayana Junior College, Anantapur.	2008-2010	78%
Secondary School Education- Class X (A.P.State board)	L.R.G High School, Anantapur.	2007-2008	86%

Work Experience:

S.No.	Name of the Organization	Position held	Years of Experience	Nature of work done
1	JNTUA College of Engineering, Ananthapur	Assistant Professor (Adhoc)	6.9 years	Teaching

Publications:

1. S.Anusha (2024). "Designing of Multifunctional EV Charger Based on Solar PV Array", Shodh kosh: Journal of Visual and Performing Arts, ISSN: 2582-7472, pp: 677-689.
2. S.Anusha (2024). "Design and Implementation of NN Based Solar PV and Grid Based Charging Station for Electric Vehicles", International Journal of Innovative research in Science, Engineeirng and Technology, ISSN: 2347-6710, Issue 1,Vol.13.
3. S.Anusha (2023). "A Combination of PI & Fuzzy Logic Based Improved P&O MPPT technique for Partial Shading Conditions", Juni Khyat (UGC Care Group I Listed Journal), ISSN: 2278-4632, Issue- 02, Vol-13.
4. S.Anusha (2023). "Four Port Converter based on FLC & ANFIS Controller", Juni Khyat (UGC Care Group I Listed Journal), ISSN: 2278-4632, Issue- 02, Vol-13.
5. S.Anusha (2023). "ANFIS Controlled Based Vienna Rectifier for Electric Vehicle Charging Stations", Juni Khyat (UGC Care Group I Listed Journal), ISSN: 2278-4632, Issue- 02, Vol-13.
6. S.Anusha (2023). "FLC Based Adaptive Identification of Rotor Time Constant for Speed-Sensorless Induction Motor Drives", International Journal of Current Science, ISSN: 22250-1770, Issue 2 Vol 13.
7. S.Anusha (2023). "Design and Implementation of FLC Based Extreme Fast Charging Station Power Delivery for Electric Vehicles", International Journal of Current Science, Vol 13, Issue 2, ISSN: 2250-1770.
8. S.Anusha (2022). "Fault-Tolerant Back-to-Back Converter for Direct-Drive Permanent Magnet Synchronous Generators Wind Turbines Using Direct Torque and Power Control techniques", Design engineering, ISSN: 0011-9342, Issue:01, Pages: 126-142.
9. S.Anusha (2022). "Control Strategy for 5Ø Dual-Stator Winding Induction Starter/Generator Scheme", Design Engineering, ISSN: 0011-9342, Issue:01, Pages: 143-155.
10. Anusha, S.(2021). "A Multi-mode Operating Tri Port Based Electric Vehicle Charging Station", International Journal of Electrical and Electronics Engineering, ISSN:2348-8379.

11. Anusha, S.(2021). “Designing of Multifunctional EV Charger Based on Solar PV Array”, Design Engineering, ISSN: 0011-9342, Issue:7.
12. Anusha, S.(2019). “Improvement of Dynamic Response and Steady State performance of Induction Motor Using Fuzzy based Predictive Torque Control”, Journal of Adv. Research in Dynamical & Control Systems, Vol.11.
13. Anusha, S. (2018). **“**Speed Control of Oscillation Free IM Drive Using Adaptive-Fuzzy Sliding Mode Control”, International Journal of Science, Engineering and Technology Research, Vol.07, pp: 2278-7798
14. Anusha, S.(2018). “Open Ended Winding Motor Drive Using A Floating Bridge Multi-Level Converter”, International Journal of scientific research in Science and technology, Vol.04, pp: 2395-6011
15. Anusha, S. (2017). **“**Fuzzy Based Solar PV-Powered SRM Drive for Electric Vehicles”, International Journal of Innovative Research in Science, Engineering and Technology, Vol.06, pp: 2347-6710
16. Anusha, S. (2017). **“**Speed Control and Parameter Variation of Induction Motor Drives using Fuzzy Logic & ADRC Controllers”, International Research Journal of Engineering and Technology, Vol.04, pp: 2395-0072

NPTEL

- Recognized and Certified as NPTEL ENTHUSIAST during Jul – Dec, 2024.
- Recognized and Certified as NPTEL BELIEVER during Jul – Dec, 2024.

S.No.	Name of Course	Duration	Status
1	The Joy of Computing Using Python	Jul – Oct, 2024 (12 Weeks)	Certified
2	Deep Learning	Jul – Oct, 2023 (12 Weeks)	Certified
3	Digital Circuits	Jul – Oct, 2024 (12 Weeks)	Certified
4	Advance Power Electronics and Control	Jul – Sep, 2023 (8 Weeks)	Certified
5	Soft Skills	Jul – Oct, 2024 (12 Weeks)	Certified
6	Ethics in Engineering Practice	Aug – Oct, 2023 (8 Weeks)	Certified
7	Body Language: Key to Professional Success	Aug – Sep, 2024 (4 Week)	Certified

b) Workshops/FDPs/PDPs/ Training Programs:

S.No.	Workshop /FDP/PDP/ STTP/ Training Programs	Title of Workshop	Organized by	Duration
1	PDP	EV Design and Applications to Aerospace Systems	JNTUA College of Engineering, Ananthapuramu	25th - 29th November, 2024
2	ATAL FDP	Electric Vehicle Technology	P.V.K.K Institute of Technology	26th – 31st Aug, 2024
3	STTP	Recent Trends in Electrical Engineering and Teaching Padagogy	P.R.Pote College of Engineering & Management, Amaravati	24th – 29th June, 2024
4	FDP	Recent Advances in Electrical Engineering	G.Pulla Reddy Engineering College (Autonomous)	17th – 21st October, 2022
5	FDP	Introduction to Artificial Intelligence	G.Pulla Reddy Engineering College (Autonomous)	9th – 14th Oct, 2023
6	FDP	Recent Trends in Green Energy Initiatives and Soft Computing Techniques	Mahatma Gandhi Institute of Technology, Hyderabad	11th – 15th July, 2023
7	Workshop	EmbeddedDesign with ATMEGA AVR Micro Controllers	G.Pulla Reddy Engineering College (Autonomous)	13th – 18th April, 2023
8	FDP	Python for Electrical & Electronics Engineering: A Faculty Development Program on Python Applications	RGM College of Engineering and Technology, Nandyal	27th – 31st March, 2023
9	Workshop	Power Electronic Converters – Simulation using MATLAB & Python (PECSMP-2023)	G.Pulla Reddy Engineering College (Autonomous)	27th Feb – 3rd March, 2023
10	Workshop	Electric Vehicle Design	Skill AP, APSSDC	20th June – 19th July, 2022
11	Internship	Electric Vehicle Design	Skill AP, APSSDC	2nd Feb – 3rd March, 2022
12	FDP	Trends & Challenges in the Development of Electric Vehicles & Hybrid Electric	Lendi Institute of Engineering & Technology,	26th – 30th Sep, 2022

		Vehicles (Series – I)	Vizianagaram	
13	FDP	Research Innovations and Emerging Advances in electrical Engineering	Easwari Engineering College, Chennai	14th – 19th June, 2021
14	Workshop	Intellectual Property Rights	Gates Institute of Technology, Gooty	08th – 12th June, 2021
15	FDP	Research Innovations and emerging Advances in electrical Engineering	Easwari Engineering College, Ramapuram, Chennai	14th – 19th June, 2021
16	FDP	Renewable and Clean Energy Conversion Technologies and Materials	University College of Engineering and Technology, Bikaner and JNTUA CEA, Anantapur	04th – 08th January, 2021
17	Training Program	Research Training	Ministry of Micro, Small and Medium Enterprises – Technology Development Center (PPDC), GOI.	18th – 29th January, 2021
18	Training Program	Recent Challenges & Emerging Opportunities in Electric Vehicles	Pragati Engineering College, E.G.District, A.P	07th – 12th December, 2020
19	FDP	AC-DC Drives	Andhra Pradesh State Skill Development Corporation	29th Sep – 3rd Oct, 2020
20	Training Program	Challenges in Electric Vehicular Battery Charging & Grid Integration Issues	RGM College of Engineering & Technology, Nandyal	24th – 30th September, 2020
21	FDP	Awareness on Electric/Hybrid Vehicle Engineering	JNTUA College of Engineering, Anantapuramu.	21st – 25th January, 2020
22	Short Term Course	Machine Learning for Engineering Applications	IIT Delhi	9th – 13th December, 2019
23	Workshop	Recent Trends in Smart Grid	JNTUA College of Engineering, Ananthapuramu	19th October, 2019
24	FDP	Power Converters Design	JNTUA College of Engineering, Ananthapuramu	25th – 29th September, 2019

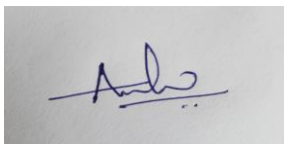
25	FDP	Research Methodology and Data Analysis	JNTUA College of Engineering, Ananthapuramu	23rd – 28th September, 2019
26	FDP	Leadership Skills	JNTUA College of Engineering, Ananthapuramu	19th – 14th August, 2019
27	FDP	Design and Development of MOOCS through SWAYAM	E&ICT Academy, NIT, Warangal	18th – 23rd January, 2019
28	FDP	Soft Skills and personality Development	JNTUA College of Engineering, Ananthapuramu	10th - 14th December, 2018
29	Workshop	Pedagogical Skills for Outcome Based Education	JNTUA College of Engineering, Ananthapuramu	16th – 17th November, 2018
30	Workshop	Awareness on IEEE/IET Electronic Digital Library Sources	JNTUA College of Engineering, Ananthapuramu	30th November, 2018
31	Workshop	Big Data Applications in Power Systems	JNTUA College of Engineering, Ananthapuramu	28th – 29th September, 2018
32	Workshop	Benefits of Engaging with International Organizations (IEEE)	JNTUA College of Engineering, Ananthapuramu	4th August, 2018

Academic Projects Guided:

- B.Tech: 03
- M.Tech: 07

Subjects Handled:

- Electric Circuits
- Electrical Machines - II
- Advanced Power Electronics
- Power System Analysis
- Basic Electrical Engineering



Signature of Faculty