

BIO – DATA

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Qualifications:

Qualification	Year of Passing	Board/University	Division
SSC	2000	Board of SSC, Andhra Pradesh	First Class
Intermediate/Diploma	2002	Board of Intermediate, Andhra Pradesh	First Class
B.Tech/B.E.	2006	JNTUH, Hyderabad	First Class
M.Tech/M.E	2012	JNTUA, Anantapur	First Class

Work Experience:

S.No.	Name of the Organization	Position held	Years of Experience	Nature of work done
1	JNTUA College of Engineering, Anantapur	Assistant Professor (Adhoc)	8.6 years	Teaching

Publications:

1. M.Naga Chaitra. "A Novel FLC and MPC based Hybrid Energy Storage System fed Micro Grid ", Journal of Systems Engineering and Electronics, ISSN: 1671-1793, pp: 174-185, 2024

2. M.Naga Chaitra “Wind Power Inverter Control of DC Bus Voltage based on LARDC with Intelligent Controllers”, Journal of Systems Engineering and Electronics, ISSN: 1671-1793, pp: 165-173, 2024
3. M.Naga Chaitra “Performance of Fuzzy and NN Controller based Microgrid Station Connected to Railway System”, Journal of Systems Engineering and Electronics, ISSN: 1671-1793, 2024
4. M.Naga Chaitra “Performance Analysis of Fuzzy and ANFIS Controlled Z-Source Virtual Synchronous Generator for Photovoltaic Systems”, Journal of Systems Engineering and Electronics, ISSN: 1671-1793, 2024
5. M.Naga Chaitra “A Novel Power Factor Compensation for Three-Phase Bidirectional Interlinking AC-DC Converter for Hybrid Micro Grid System”, The International Journal Of Analytical & Experimental Modal Analysis Issue- 02, 2023
6. M.Naga Chaitra “Performance of grid interactive DFIG based WECS for controlled power flow by using fractional order SMC”, Journal Of North eastern University,, Issue 2 Vol 13, 2023
7. M.Naga Chaitra “Reinstatement of Symmetrical/Asymmetrical Voltage Sags with Active and Reactive Power Insertion Control Scheme for Multilevel Inverters”, GIS Science Journal, 2022
8. M.Naga Chaitra “Fault-Tolerant Back-to-Back Converter for Direct-Drive Permanent Magnet Synchronous Generators Wind Turbines Using Direct Torque and Power Control techniques”, Design engineering, 2022.
9. M.Naga Chaitra, An International Journal on “Active Power Limitation in PMSG-Based Wind Turbines by modified back-to-back Converter during different grid faults” in IJAREEIE, Aug 2017. ISSN : 2320 – 3765, Volume 6, Issue 9, September 2017

b) Workshops/FDPs/PDPs/ Training Program:

S.No.	Workshop /Seminar/ FDP/Conference/Other	Organized by	Title of Workshop	Duration
1	PDP	JNTUA College of Engineering, Ananthapuramu	EV Design and Applications to Aerospace Systems	25 th - 29 th November, 2024
2	FDP	Malla Reddy Engineering College for Women	Next-Gen Smart Grid Technologies with Power Electronics Innovations	15 th -20 th July,2024
3	FDP	Mahatma Gandhi Institute of Technology	Recent Trends in Green Energy Initiatives and Soft Computing Techniques	11-15 July,2023
4	FDP	Dellsoft Technologies	FDP on Microgrid System Design & Simulation using HOMER Pro & HOMER Grid Software	23 rd August,2023
5	Workshop	Jawaharlal Nehru Technological University, Anantapur.	Microsoft Azure Fundamentals	20 st June 2022
6	Workshop	Jawaharlal Nehru Technological University, Anantapur.	Microsoft Azure AI Fundamentals	21 st June 2022
7	Workshop	Jawaharlal Nehru Technological University, Anantapur.	Microsoft Security, Compliance, and Identity Fundamentals	22 nd June 2022
8	FDP	GATES Institute of Technology	Recent Advances in Electrical Engineering	21-25 March,2022
9	FDP	Recent Trends in Electrical Engineering	Department of Electrical and Electronics Engineering, Geethanjali Institute of Science and Technology, Nellore	16 – 23 Aug., 2021
10	FDP	Jawaharlal Nehru Technological University,	Challenges and Opportunities of Energy	23 rd -26 th

		Anantapur	and Sensor Applications	Sep,2020
11	STTP	Pragati Engineering College, Surampalem, Andhra Pradesh	Recent Challenges & Emerging Opportunities in Electric Vehicles	2 nd Feb – 3 rd March, 2022
12	Webinar	Jawaharlal Nehru Technological University, Anantapur	Boosting Immunity Through Healthcare An Interactive session with the youth	8 Nov,2020
13	Training Program	ANDHRA PRADESH STATE SKILL DEVELOPMENT CORPORATION	Basic of SCADA	12 th -16 th October,2020
14	Training Program	Jawaharlal Nehru Technological University, Anantapur	Microsoft Azure Fundamentals	20 June,2022
15	Training Program	Jawaharlal Nehru Technological University, Anantapur	Microsoft Security, Compliance, and Identity Fundamentals	22 June,2022
16	Workshop	Jawaharlal Nehru Technological University, Anantapur	Development of MOOCs and Production Techniques	17 & 18 Jan,2020
17	FDP	Jawaharlal Nehru Technological University, Anantapur	Awareness on Electric/Hybrid Vehicle Engineering	21 st - 25 th , Jan,2020
18	Workshop	Jawaharlal Nehru Technological University, Anantapur	Recent Trends in Smart Grid	19 October,2019
19	Workshop	Jawaharlal Nehru Technological University, Anantapur	21 st Century Teaching Strategies	16 Sep,2017

Subjects Handled:

- HVDC & Factss
- Modelling & Analysis of HVDC Transmission Systems
- Electrical & Electronic Measurements
- Switchgear & Protection
- Electric Vehicle Engineering
- Design Thinking for Innovation

Signature of Faculty

(M.Naga Chaitra)