


## Profile

<b>Name of the Faculty</b>	AZRA ZAINEB	
<b>Designation</b>	Sr. ASSISTANT PROFESSOR	
<b>Department</b>	EEE	
<b>Area of Interest</b>	RENEWABLE ENERGY SYSTEMS	
<b>Subjects Taught</b>	GUEE, EPTS, EDS, SGP, RES, BEE, IAIEE, EM-I, CMPS, ECA, WSES	
<b>JNTUH Registration Id</b>	58150331-150657	
<b>College Staff Code</b>	SC0705	
<b>Official Mail</b>	azrataj.eee@gcet.edu.in	

### Educational Qualifications:

S. No.	Degree	Specialization	University/College	Year
1	M. Tech	EPS	J.B.I.E.T	2012
2	B. TECH	EEE	B.V.R.I.T	2001
3	IPE	M.P.C.	Kasturba Gandhi Women's College	1995

### Publications Details:

S. No.	Publication details
1.	Advancements in BLDC Motor Technology for Sustainable Electric Mobility, 2025 International Conference on Electronics and Renewable Systems (ICEARS), International Conference, ISBN: 979-8-3315-0967-5, Indexed in SCOPUS, DOI: <a href="https://doi.org/10.1109/ICEARS64219.2025.10941599">https://doi.org/10.1109/ICEARS64219.2025.10941599</a>

2.	Fuzzy Controller based Closed Loop Control for Single Stage Single Phase Grid Integrated PV System with Novel Configuration of 7 Level Hybrid Inverter, 1st International Conference on Power and Energy Systems (ICPES 2023), International Conference, ISSN: 2267-1242, Indexed in SCOPUS, DOI: <a href="https://doi.org/10.1051/e3sconf/202454010004">https://doi.org/10.1051/e3sconf/202454010004</a>
3.	Solar-Powered Inductive Charging for Electric Vehicles, ICSVCE-2024 International Conference on Advances in Signal Processing, VLSI, Communications and Embedded Systems, International Conference, ISSN: 1551-7616, Indexed in SCOPUS, In press with AIP Conference Proceedings
4.	Fuzzy Logic Controller Based Charging and Discharging Control for Battery in EV Applications, International Journal of Electrical and Electronics Research (IJEER), International Journal, ISSN: 2347-470X, Indexed in SCOPUS, DOI: <a href="https://doi.org/10.37391/ijeer.120101">https://doi.org/10.37391/ijeer.120101</a>
5.	An Assessment Of The Implementation Of MPPT Algorithm For PV Pumping Based On Perturb And Observe Logic (P&O) Controller, NVEO – Natural Volatiles & Essential Oils Journal (2021): 263–273, International Journal, ISSN: 2148-9637, Indexed in UGC, Link: <a href="https://www.nveo.org/index.php/journal/article/view/3608">https://www.nveo.org/index.php/journal/article/view/3608</a>

**Experience:**

<b>Teaching</b>	14 years
<b>Industry</b>	5.5 years
<b>Research</b>	---
<b>Total Experience</b>	19.5 years