Name of Teaching Staff	:	Navajyothi Abhijit Katela	Photo Passport Size 
Designation	:	Assistant Professor	
Department	:	Computer Engineering	
Date of Joining the	:	08/06/2026	
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Qualifications With Class/Grade	:	B.Tech (Electrical and Electronics Engineering) – 63%, JNTU Hyderabad, 2011; M.Tech (Power Electronics & Electrical Drives) – 74%, JNTU Hyderabad, 2014	
Total Experience in years	:	8 Years (Assistant Professor, Theem College of Engineering, Boisar: Jan 2019 – June 2024; Lecturer, Katgara Polytechnic Institute, Bordi: July 2016 – Jan 2019)	
Area of Specialization	:	Power Electronics and Electrical Drives	
Google Scholar Link	:		
Vidhwaan Portal ID	:		
ORCID	:		
Papers Published in Journal:	:	**1)** Hybrid Renewable Energy Sources Based Four Leg Inverter for Power Quality Improvement **2)** Comparison of PI and Fuzzy Controlled Active Power Filter Under Non-linear Loads **3)** Solar Powered Drip Irrigation System using Moisture Sensor and Wireless Network Technology **4)** 360° Sun-Tracking with Automated Cleaning System for Solar PV Modules	
Papers Presented in Conferences	:		
Books Published/IPR/Patents	:	IPR / Patents: 1) M. Godboley, J. Sali, N. Katela, P. Gadgil, S. Ansari, "Industrial Programmable Switching Device with Integrated LCD Interface", Design Registration No. 495728-001, Class 13-03, The Patent Office, Government of India (Registered: 23/03/2026; Certificate issued: 10/06/2026)	

Professional Memberships with ID	:	
Grants Fetched	:	
Technical/NPTEL certifications	:	

Board of Studies member, BoE under any State/ Central University	:		
Institute/Department Responsibility handled	:	Class Advisor ISTE Coordinator Department Website Management Active member of the NAAC Committee University examination invigilator and paper setter	
M.E./M.Tech/PhD Guide? Give field & University	:	Field: University :	
PhDs/Projects Guided	:	UG (B.E.)	1) Mini Hydroelectric Power Plant 2) Brushless DC Motor Monitoring and Control 3) Transmission Line Fault Detection and Monitoring System 4) Four Quadrant Speed Control of DC Motor with Microcontroller 5) Solar Powered Drip Irrigation System using Moisture Sensor and Wireless Network Technology 6) 360° Sun-Tracking with Automated Cleaning System for Solar PV Modules
Interaction with Professional Institutions	:		
Subjects Taught			