FACULTY PROFILE

Name of the Faculty:	**Dwija Desireddy**		
Designation:	**Assistant Professor**		
Department:	**CSE(AIML)**		
Date of Birth:	**17-02-1985**		
AICTE – ID:			
Education	• B.Tech in EEE from JNTUK University in 2006 • M.Tech in CSE Specialization from ANU University in 2010 • M.Tech in PE Specialization from JNTUK University in 2014 • PhD in Demand Side Management specialization from NIT,Trichy University/Institute pursuing.		
Experience	Teaching: 11.3 Years	Industry: _4_Years	**Total: _15.3_Years**
	Research: ____Years	Others: ____Years	
Research Specialization	**Demand Side Management in Smart Grids**		
Courses taught	**1. Computer Organization** **2. Programming in C** **3. Software Project Management** **4. Artificial Intelligence** **5. Machine Learning** **6. Python Programming** **7. Web Technologies** **8. Software Engineering** **9. Introduction to AIML** **10. Design and Analysis of Algorithms** **11. Automat Theory and Compiler Design** **12. Utilization Of Electrical Energy** **13. Electrical Measurements** **14. Basic Electrical Engineering** **15. Renewable Energy Sources** **16. Electrical Distribution Systems** **17. Network Analysis and Synthesis** **18. Electrical Technology**		

Research contributions

International/national peer reviewed journals

S. No.	Title of paper	Journal	Year	Volume	pages	Indexing (SCI/WoS/ COPUS, Google scholar)
1						

Books published

S. No.	Title of the Book	Publisher	Year
1	Machine Learning for Real Time Applications	Deccan International Academic Publishers	2023

Book chapters Published

S.No.	Title of the Chapter	Book title	Publisher	year
1	Detecting Incorrect Driving Behaviour by Using DL-Models		Hybrid and Advanced Technologies, Taylor & Francis	2025

Details of Patents (Filed & Granted)

S. No.	Applications number	Title of the patent	Date of filing/publishing	Published/granted
1	202641046870	Loan Eligibility Prediction and Document Verification	24/04/2026	Published
2	202641046906	System and Method for Personalized and Stress-Aware Learning Using Explainable AI-Based Adaptive Study Planning	24/04/2026	Published

Details of Conferences/FDPs/STTPs/webinars/Workshops Organized

S.No.	Name of the event	Role	Dates
1			

Details of Conferences/FDPs/STTPs/webinars/Workshops Participated

S.No.	Name of the event	Organized by	Dates
1	5-Day National Level Professional Development Programme (PDP) on Quantum Computing	VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad in collaboration with the Blackbucks Group	21st October to 25th October 2025
2	IMPACT OF ARTIFICAL INTELLIGENCE	RCHUB EDUCATIONAL ACADEMY	15th JULY 2024 TO 17th JULY 2024
3	Recent Trends in Power Electronics and Drives for Electric Vehicles	NIT-Patna	08 July to 12 July 2024

4	Renewable Energy based Electric Vehicle Technology	National Institute of Technology Tiruchirappalli	11th– 15th March 2024
5	Technological Advances in Power Switching Converters for Renewable Energy Sources and Fuel Cell Technology for E-vehicles	Department of Electrical & Electronics Engineering, Bapatla Engineering College, Bapatla.	01-06-2020 to 05-06-2020
6	APSCHE FDP on Artificial Intelligence	APSCHE	23-03-2026 to 27-03-2026

Awards/recognitions/achievements

S.No.	Name of the Award	Awarding body/Society/Organization	Year
1	**Artificial Intelligence: Concepts and Techniques**	**NPTEL Online Certification**	**2025**
2	**Data Science Using Python**	**NPTEL Online Certification**	**2024**

Details of project proposals submitted/sanctioned/completed

S.No.	Title of the Project	Funding body	Submitted/ Sanctioned/ Completed	Amount	Year/ duration

Consultancy contribution

S.No.	Year	Amount	Details
1			

Student Project/research guidance

S.No	Level	Total number
1	**UG**	**Completed: 10 Ongoing: 2**
2		
3		

Administrative experience

S.No.	Role	Duration (From – to)
1		

Research credentials

Index/database	ID/Link
Google Scholar	**https://scholar.google.com/citations?user=N5zVtRAAAAAJ&hl=en**
SCOPUS	
Web of Science	

Vidwan ID	**592001**

Any other relevant information

(Dwija Desireddy)
(10-09-2026)