FACULTY PROFILE

Name of the Faculty:	**Dr. Padamata Ramesh Babu**
Designation:	**Associate Professor**
Department:	**CSE-Cyber Security**
Date of Birth:	**25-07-1983**
AICTE – ID:	



Education	• B. Tech in _**COMPUTER SCIENCE**_ from _**JNTU, HYD**_University/Institute in 2005 with First Class • M.Tech in _ **COMPUTER SCIENCE** _Specialization from **JNTU, Kakinada** University/Institute in 2010 with First Class(distinction) • Ph.D. in Computer Science specialization from **Acharya Nagarjuna University**_ University/Institute in 2024

Experience	Teaching: 19	Industry:	**Total: 19**
	Research:	Others:	

Research Specialization	**Deep Learning, Machine Learning, Data Science**
Courses taught	**1.C-Programming** **2. Java (Object Oriented Programming)** **3. Database Management Systems**

Research contributions

International/national peer reviewed journals

S. No.	Title of paper	Journal	Year	Volume	pages	Indexing (SCI/WoS/ SCOPUS, Google scholar)
1	Deep and Hybrid Ensemble Learning Methods for Enhanced Live-Birth Prediction in Fertility Treatments	Informatica (Slovenia)	**2025**	**49**	**7**	SCOPUS
2	Enhancing Student Well-Being Prediction with an Innovative Attention-LSTM Model	International Journal of Advanced	**2024**	**15**	**9**	WOS

		Computer Science and Applications				
3	Privacy enhanced course recommendations through deep learning in Federated Learning environments	International journal of Information systems	2025	Volume 16, Issue 6	1000-1007	SCI
4	Diagnosis of tomato leaf disease using OTSU multi-threshold image segmentation-based chimp optimization algorithm and LeNet-5 classifier	Journal of Plant diseases and protection by springer nature	2024	Volume 131, Issue 3	1861-3837	SCI Q1
5	A Novel Proxy Re-Encryption Technique for Secure Data Sharing in Cloud Environment	CONFERENCE	2024		ADICS 2024	SCOPUS
6	Galvanic Skin Response based Stress Detection System using Machine Learning and IoT	CONFERENCE	2023		ICAISS 2023	SCOPUS, SCI
7	An Artificial Intelligence System for the Diagnosis and Categorisation of Plant Leaf Diseases	CONFERENCE	2025		ICIRCA 2025	SCOPUS
8	DIFFERENTIAL GENETIC ALGORITHM FOR AUTO-OVERLAY OF THE SKULL AND FACE AND MANDIBLE	Informing Science	2025	Volume 28	Article 11	SCOPUS
9	Brain tumor detection using deep learning techniques	CONFERENCE	2025		AIP Conference Proceedings	SCOPUS
10	Deep Learning-Assisted SVMs for Efficacious Diagnosis of Tomato Leaf Diseases: A Comparative Study of GoogleNet, AlexNet, and ResNet-50	Ingenierie des Systemes d'Information	2023	Volume 28, Issue 3	639 – 645	Scopus, WOS
11	Tomato Crop Disease Classification Using Semantic Segmentation Algorithm in Deep Learning	Revue d'Intelligence Artificielle	2023	Volume 37, Issue 2	415 - 423	Scopus WOS
12	Weed Identification and Categorization in Agriculture using Hybrid	CONFERENCE	2023	ACT 2023		SCOPUS

	Deep Learning Algorithm					
13	Improved VEDA and Unwanted Edge Removal approaches for License Plate Detection	International Journal of Computer Trends and Technology (IJCTT)	2013	volume 4 Issue 8	2858-2862	UGC
14	Delimiting Malicious Users In Pseudo Networks	The International Journal Of Engineering And Science (IJES)	2013	Vol.2, Issue 2	208-213	UGC
15	Spatial Mining Using Auto Regression Model	International Journal of Computer Science and Technology, IJCST	2012	Vol. 3, Issue 4	102-109	UGC

Books published

S. No.	Title of the book	Publisher	year
1	Data science and Analytics	leilani katie publication and press	**2024**

Book chapters Published

S.No.	Title of the Chapter	Book title	Publisher	year
1				

Details of Patents (Filed & Published)

S. No.	Applications number	Title of the patent	Date of filing/publishing	Published/granted
1	**202410028348SR**	**Deep Learning for Street Text Recognition in Intelligent Transportation**	**Jan 2024**	**April 2024**
2	**202441023690 A**	**ROAD TRAFFIC**	**Jan 2024**	**05/04/2024**

		VEHICLE DETECTION AND TRACKING USING DEEP LEARNING WITH CUSTOM-COLLECTED AND PUBLIC DATASETS		
3	**458794-001**	**DEVICE FOR CLOUD DATA SECURITY**	**14/05/2025**	**21/08/2025**
4	**202641031820 A**	**A Multi-Modal Deep Learning Framework For AI – Generated Content Detection**	**17/03/2026**	**27/03/2026**
5	**202641032449 A**	**Online Parking Place Reservation System**	**18/03/2026**	**27/03/2026**
6	**202641032464 A**	**Next-Generation Agentic AI for Investment Strategy and Risk Governance**	**18/03/2026**	**27/03/2026**

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

S.No.	Name of the event	Role	Dates
1	Mastering Research Methodology: From concept of Publication	Co-Ordinator	7,8 March 2025

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

S.No.	Name of the event	Organized by	Dates
1	**One Week Online AICTE Recognized Faculty Development Programme on "Managerial Skills for Technical Teachers & Administrators**	**NITTTR, Chandigarh**	**26-09-22 to 30-09-22**
2.	**One Week Online AICTE Recognized Faculty Development Programme on "Nanosensors & Devices**	**NITTTR, Chandigarh**	**22-08-22 to 26-08-22**
3.	**One Week Online AICTE Recognized Faculty Development Programme on "Open Source Technologies**	**NITTTR, Chandigarh**	**17-10-22 to 21-10-22**

4.	**One Week Online AICTE Recognized Faculty Development Programme on "Team Building, Motivation & Creativity**	**NITTTR, Chandigarh**	**12-12-22 to 16-12-22**

Awards/recognitions/achievements

S.No.	Name of the Award	Awarding body/Society/Organization	Year
1	Best Teacher Award	Bapatla Educational Society	2025

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: - 24 Ongoing: -2
2	PG	Completed: - 16 Ongoing: -
3	PhD	Completed: - Ongoing: -

Administrative experience

S.No.	Role	Duration (From – to)
1	Discipline Coordinator	2024-26

Research credentials

Index/database	ID/Link
Google Scholar	https://scholar.google.com/citations?user=aqrL71EAAAAJ&hl=en
SCOPUS	https://www.scopus.com/authid/detail.uri?authorId=58538433000

Web of Science	**Web of Science ResearcherIDHJZ-2233-2023**
Vidwan ID	**https://vidwan.inflibnet.ac.in/profile/318204**

Any other relevant information

Successfully completed certification courses:

1.NPTEL -DBMS, Python Programming

2. COURSERA-9 courses