RAYALASEEMA UNIVERSITY

(A State University Established by Govt. of Andhra Pradesh)

(Accredited by NAAC with 'B' Grade)

KURNOOL – 518007, ANDHRA PRADESH

FACULTY PROFILE

1	Name of the Faculty	:	MANDA VIJAY KUMAR NAIDU		
2	Designation	:	ASSITANT PROFESSOR		
3	Department	:	COMPUTER SCIENCE		
4	Date of Birth	:	18-06-1984		
5	Date of Joining	:	06-08-2015		

6	Academic Qualifications		UG Degree	PG Degree	Research Degree
	Name of the Degree	:	BSC (Computer Science)	Master of Computer Application	PhD(submitted)
	Class / Grade Awarded	:	First	First	
	Board / University	:	SV University	Anna University	Dravidian University
	Year of receiving Degree	:	2007	2010	2025

7	Areas of Specialization	:	Generative Artificial Intelligence		

8	Total Experience (Yrs.)	:	Teaching	Industry	Total
			12 years	2 years	14 years

9	Papers Presented	:	National	International	Total

10	Research Publications	:	Journals	Conferences Proceedings	Books / Chapters
	National Level	:			
	International Level	:	2	2	1

11	Participation in		Seminars	Conferences	Workshops
	National Level	:	5		5
	International Level	:		4	

12	Ph.Ds. / Projects Guided	:	Completed:	-	Ongoing:	-
13	Research Projects handled	:	Major:	-	Minor:	-
14	Fellowships / Memberships	:	-			

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| 15 | **Awards / Achievements / Any other information** | : | 1. **UGC NET & APSET Qualified** – National and state-level eligibility for Assistant Professorship.

2. **APPSC Assistant Professor Screening Test (Top 10 in Andhra Pradesh)** – Secured a position in the Top 10 of the Merit List in the Andhra Pradesh Public Service Commission (APPSC) Screening Test for Assistant Professors.

3. **Ph.D. in Computer Science(submission):** Specialization in Generative AI, submitted under **Prof. T. Anuradha** at Dravidian University, Kuppam**.**

4. **Assistant Professor at Rayalaseema University (Since 2015)** – Contributing to MCA & MSc Computer Science programs, teaching Artificial Intelligence, Data Structures, and Design & Analysis of Algorithms**.**

Research & Development in AI-based Educational Solutions

• Developed a Web Application for CDC for Rayalaseema University.

• Designed an AI-based Psychology Counseling Expert System for University Students**,** enhancing mental health support through automated AI-driven counseling. |

16	**Contact information**	:	**Mobile**	**Email ID**
			8639780283	**mandavijaykumar40@gmail.com**

| 17 | **List of Publications /Chapters/Books**

(APA Format) | | **International Journal Publications**

1. **Penchalaiah, P., Kumar, M. V., & Reddy, K. R.** (2019). *A research threshold efficient hybrid encryption schema for secure file system.* International Journal of Recent Technology and Engineering, **8**(2S3), 888–891. https://doi.org/10.35940/ijrte.B1167.0782S319. |

			2. **Sangaraju, V. V., Nagaraju, R., Mohammed, T. K., Choudhury, H. A., Kumar, M. V., Mohan, Y. R., Sawan, V., Latha, V. S., & Santhoshkumar, R.** (2024). *Temperament trait classification from text using deep learning algorithms*. Indian Patent Application No. 202441044767 A. The Patent Office Journal, **No. 25/2024**, 55453. Published on **June 21, 2024**. **Conference Proceedings** 1. **Manogaran, G., Thota, C., & Kumar, M. V.** (2016). *MetaCloudDataStorage architecture for big data security in cloud computing*. Procedia Computer Science, **00**, 000–000. https://www.sciencedirect.com/journal/procedia-computer-science. 2. **Anuradha, T., & Kumar, M. V.** (2024). *Enhancing student mental health support through generative AI: A comprehensive review of generative models, RAG, and fine-tuning techniques*. In **Proceedings of IDASCN'2024**, Mohan Babu University, Tirupati, India, AIP Conference Proceedings (Scopus Indexed). **Books / Chapters** 1. **Anuradha, T., & Kumar, M. V.** (2025). *Supervised fine-tuning large language model with low-rank adaptation and quantized low-rank adaptation for student mental health support*. In R. N. V. Jagan Mohan, B. H. V. S. Rama Krishnam Raju, V. Chandra Sekhar, & T. V. K. P. Prasad (Eds.), **Algorithms in Advanced Artificial Intelligence** (pp. 336-428). CRC Press. https://www.routledge.com/Algorithms-in-Advanced-Artificial-Intelligence/Mohan-Raju-Sekhar-Prasad/p/book/9781041076469
18	**Profile ID's**		ORCID: 0009-0002-3733-9318 Google Scholar Profile Link: VIDWAN Profile ID: 611055