



مولانا آزاد نیشنل اردو یونیورسٹی

MAULANA AZAD NATIONAL URDU UNIVERSITY

(A Central University established by an Act of Parliament in 1998)

(Accredited with "A+" Grade by NAAC)

مولانا آزاد نیشنل اردو یونیورسٹی

## Curriculum Vitae

### Mr. Chavala Mutyala Rao

Assistant Professor

Polytechnic, Hyderabad

Polytechnic

,, E-Mail: mutyal007@gmail.com

Contact No.:



• **Highest Education** : M.Tech( Software Engineering), Ph.D CSE (Pursuing)

### • Academic/Research/Industrial Experience

From Year	To Year	Position Held	Organization
19-12-2011	10-08-2022	Assistant Professor	Maulana Azad National Urdu University

### • Publications

#### Papers In Journals

- Shyamala, K. (2023). Accelerating DNN Training on two GPUs using Data and Model Parallelism. *International Journal for Research Trends and Innovation* 8(2456-3315), 2456-3315
- Rao, C. M.(2024).Accelerating DNN Training on two GPUs using Data and Model Parallelism. *Research Papers in Peer Reviewed Journals* 8(7), 2456-3315
- Rao, C. M.(2025).Novel Weight Prediction Technique to Mitigate Staleness and. *International Journal of Scientific Research in Engineering and Management (IJSREM)* 9(8), 2582-3930
- Rao, C. M.(2025).A Methodological Analysis of Titanic Passenger Survival Using Python-Based Machine Learning . *INTERNATIONAL JOURNAL OF NOVEL RESEARCH AND DEVELOPMENT* 10(14), 2456-4184

#### Papers In Conference Proceedings

- Chavala, M.R., & Shyamala, P. K.(2021).Analysis and Implementation of a Parallel Computing Cluster for Solving Computational Problems in Data Analytics. *IEEE International Conference on Computing, Communication and Security (ICCCS)* 1(20257869), 20257869

### • Patents

Patent Title	Author	Patent Office	Application No	Status	Patent Number	Income Generated
A SMART IOT BASED VIRTUAL DOCTOR ROBOT	Chavala Mutyala Rao	The Controller of Patents, The Patent Office, Chennai	202441016156	Awarded On 22-03-2024	202441016156	

### • Teaching Experience

Academic Session	Program Level	Program	Course Name
2014-2015	Diploma	Diploma in IT	Java Programming
2014-2015	Diploma	Diploma in IT	.NET Programming

2015-2016	Diploma	Diploma in CSE	Data structures through C
2015-2016	Diploma	Diploma in IT	Data Structures Through C
2016-2017	Diploma	Diploma in IT	Java Programming
2016-2017	Diploma	Diploma in IT	Programming in C
2016-2017	Diploma	Diploma in CSE	Java Programming
2017-2018	Diploma	Diploma in CSE	System Administration
2017-2018	Diploma	Diploma in IT	Programming in C
2018-2019	Diploma	Diploma in IT	Data Structures Through C
2018-2019	Diploma	Diploma in CSE	Data Structures through C
2018-2019	Diploma	Diploma in IT	Programming in C
2019-2020	Diploma	Diploma in IT	Programming in C
2019-2020	Diploma	Diploma in IT	Data Structures through C
2019-2020	Diploma	Diploma in CSE	Data Structures through C
2020-2021	Diploma	Diploma in IT	.NET Programming
2020-2021	Diploma	Diploma in IT	Software Engineering Lab
2020-2021	Diploma	Diploma in IT, ECE	Programming in C
2021-2022	Diploma	Diploma in CSE	Java Programming
2021-2022	Diploma	Diploma in IT	Java Programming
2021-2022	Diploma	Diploma in IT	OOAD
2021-2022	Diploma	Diploma in IT	DS through C
2022-2023	Diploma	IT	CP
2022-2023	Diploma	IT	DBMS
2022-2023	Diploma	IT	DS
2022-2023	Diploma	IT	OOAD
2023-2024	Diploma	IT	CP
2023-2024	Diploma	IT	JAVA
2023-2024	Diploma	IT	AIML
2024-2025	Diploma	IT	CP
2024-2025	Diploma	IT	OOAD
2024-2025	Diploma	IT	JAVA
2024-2025	Diploma	IT	JAVA
2025-2026	Diploma	IT	CP
2025-2026	Diploma	IT	JAVA
2025-2026	Diploma	IT	VB.NET
2025-2026	Diploma	IT	DS

• **Participation in Academic Events**

Event Type	Event Level	Title	Held At	Organised By	Duration	Role
Any Other	National Level	Industry Training Programme on Think Parallel: Parallel	C-DAC BANGLORE	C-DAC BANGLORE	From 17-07-2017 To 21-07-2017	Participant
Refresher Course	National Level	UGC Sponsored RC in CSIT	UGC HRDC MANUU Hyderabad	UGC HRDC MANUU Hyderabad	From 25-07-2019 To 07-08-2019	Participant

Faculty Development Program	National Level	FDP on AI	Online Mode-MANUU	AICTE ATAL	From 16-12-2019 To 20-12-2019	Participant
Any Other	National Level	Regional Telecom Training Centre-Industrial training	BSNL Hyderabad	BSNL Hyderabad	From 16-11-2020 To 05-12-2020	Participant
Faculty Development Program	National Level	FDP on Advanced Pedagogy	BSNL Hyderabad	BSNL Hyderabad	From 08-02-2021 To 14-02-2021	Participant
Faculty Development Program	National Level	FDP on Augmented Reality and Virtual Reality	Online- MANUU	MANUU Polytechnic	From 09-08-2021 To 13-08-2021	Resource Person
Faculty Development Program	National Level	FDP on Data Science	MANUU	MANUU	From 22-11-2021 To 26-11-2021	Participant
Faculty Development Program	National Level	Faculty Training Program on Industry	IEEE India Council	IEEE India Council	From 02-04-2022 To 03-04-2022	Participant
Faculty Development Program	National Level	FUP on Cyber Terrorism and Defense	Online-Chandigarh University	Chandigarh University	From 04-04-2022 To 08-04-2022	Participant
Any Other	University Level	Yoga Therapy for Well-Being and Good Health	Directorate of Physical Education	MANUU	From 04-11-2022 To 31-01-2023	Participant
Workshop	University Level	E-Content Production Techniques	IMC MANUU HYD	IMC MANUU	From 20-02-2023 To 27-02-2023	Participant
Any Other	National Level	Industrial Training for faculty	BSNL RTTC ERRAGADA HYDERABAD	BSNL RTTC ERRAGADA HYD	From 03-04-2023 To 21-04-2023	Participant

• **Contribution to Curricula Development**

Course	Program	Approval Details
Diploma in Information Technology	POLYTECHNIC	Board of Studies approved on 07-Feb-2022 Board of School approved on 24-Feb-2022  Academic council Number 45 approved on 23-Jun-2022

• **Administrative Responsibilities**

From Date	To Date	Responsibility Description	Scope of Resp.	Organization
01-08-2014	--	Department Placement Coordinator	Departmental Level	POLYTECHNIC HYDERABAD
03-10-2016	--	HOD Incharge ,IT	Departmental Level	POLYTECHNIC HYDERABAD
12-09-2018	26-05-2023	Assistant T.P.O	University Level	
04-03-2020	01-03-2022	Academic Coordinator	University Level	
01-04-2021	--	Assistant Director, Directorate of Admissions	University Level	MANUU

19-08-2021	10-08-2022	Committee Member - AICTE-CII & Industry MoU's	University Level	
01-06-2024	--	Member- TPC MANUU	University Level	MANUU

*I hereby declare that the above mentioned information is true to the best of my knowledge and belief.*

Date : \_\_\_\_\_

Place : \_\_\_\_\_

Chavala Mutyala Rao