

Professional Experience

Lecturer in Statistics

Swamy Vivekananda Degree College

2020/09 – present | Mahabubnagar, India

- Delivered engaging lectures on core statistical concepts and integrated **R programming** for hands-on data analysis and visualization.
- Conducted and participated in workshops like "**Data Science – A Statistical Perspective**" and "**Mathematical Ideas in Statistics**", enhancing analytical thinking among students.
- Mentored students for **data science competitions**, leading to top 10% placements and improved problem-solving, modeling, and interpretation skills.
- Designed real-world case studies and lab exercises to apply statistical theory in practical contexts, improving student outcomes and feedback.
- Created custom teaching materials and guided data preprocessing techniques, connecting **statistical foundations**.

Skills

Statistics

- R programming
- Linear regression
- Sampling techniques
- Probability theory
- Hypothesis testing
- Time series analysis
- Nonparametric statistic

MS Office

- MS Powerpoint
- MS Excel
- MS Word

Patwari Rekha Madhuri

Lecturer in Statistics

✉ rekhamadhuri12345@gmail.com

☎ 7893694742

📍 Mahabubnagar, India

Certificates

- Statistics in Data Science
- Workshop in R Language

Education

Intermediate

Bhavitha Junior College

2013/03 | Mahabubnagar, India

Intermediate (10+2)

Bhavitha Junior College

Passed with 73% – [March, 2013]

SSC

Chaitanya High School

2011/03 | Mahabubnagar, India

Secondary School Certificate (SSC)

Board of Secondary Education,

Passed with 74% – [March, 2011]

Bachelor of Science

Vasavi Degree College

2016/06 | Mahabubnagar, India

Bachelor of Science (B.Sc ☑ .)

Vasavi Degree College

Passed with 89% – [June, 2016]

Masters in Science

Aurora's Degree & PG College

2018/07 | Hyderabad, India

Master of Science (M.Sc ☑ .)

Aurora's Degree & PG College

Passed with 70% – [July, 2018]