ADAPA JHANSI LAKSHMI

Mathematics Lecturer

jhansilakshmiadapa349@gmail.com +91-8106751551
India, Andhra Pradesh

PROFESSIONAL SUMMARY

Accomplished Mathematics Lecturer with 20 years of teaching experience at reputed educational institutions. Specialized in simplifying advanced mathematical concepts and improving student learning outcomes through structured lesson planning and consistent assessment. Experienced in academic counseling, student mentoring, and departmental collaboration. Also possesses academic exposure to Artificial Intelligence, Deep Learning, Natural Language Processing, and Robotics.

PROFESSIONAL EXPERIENCE

Mathematics Lecturer / Faculty

- **Vignan Degree & P.G. College** – 11 Years
- **J.K.C. College** – 4 Years
- **K.K.R. Gowtham** – 1 Year
- **Sri Sai Vidya Nikethan, Guntur** – 3 Years

ACADEMIC QUALIFICATIONS

Qualification	Institution	Year	Score
S.S.C	Acharya Nagarjuna University	1993	**64%**
Intermediate	Government Women's College, Guntur	1997	**48%**
Degree	B.H.H College, Guntur	2001	**66%**
P.G.	J.K.C. College, Guntur	2006	**66%**
B.Ed Mathematics / Physics	G.V.R. College	2011–2013	**44%**
M.Tech	Vignan Nirula (JNTU University), Guntur	2023–2025	**82%**

ACADEMIC PROJECT

Cyber Attack Detection Model to Improve Network Security using Text-to-Text Transfer Transformer

- Developed a cyber attack detection approach using the Text-to-Text Transfer Transformer (T5) model.
- Converted network traffic data into a natural-language format for threat identification.
- Focused on detecting cyber threats such as DDoS attacks, SQL injection, and malware.
- Utilized pre-trained language model capabilities to recognize complex attack patterns in network logs.

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

Advanced Linear Algebra
NPTEL-AICTE Faculty Development Programme – **48%** *Jan–Apr 2023*

Artificial Intelligence: Concepts and Techniques
NPTEL Elite Certification, IISc Bangalore – **64%** *Jul–Oct 2025*

Foundations of Deep Learning: Concepts and Applications
NPTEL Elite Certification, IISc Bangalore – **65%** *Jan–Apr 2026*

Deep Learning for Natural Language Processing
NPTEL-AICTE Faculty Development Programme – **56%** *Jul–Oct 2026*

Robot Programming, Simulation and Execution
Workshop / Professional Development Programme, NITTTR Chennai *13–17 Jul 2026*