



R L JALAPPA INSTITUTE OF TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to VTU, Belagavi, Accredited NAAC "A" Grade)

Doddaballapura - 561203, Bangalore Rural District

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING)

RESUME

Faculty Name	Kalpana N	
Designation	Assistant Professor	
Area of Interest	Artificial intelligence, Machine Learning & Data Science	
Email ID	kalpana.e0943@rljit.in	

EDUCATION:

Qualification	Institute	University	Year of Passing	Percentage
M Tech	Vijaya Vittala Institute Of Technology	VTU	2026	90.5
BE	R L Jalappa Institute of Technology	VTU	2009	75

TECHNICAL SKILLS: C, C++, Python, Basic SQL, HiveQL, Excel, Tableau.

PROFESSIONAL WORK EXPERIENCE: 3 years as Lecturer.

CERTIFICATIONS, FDP/WORKSHOP ATTENDED:

Course Certifications

1. Awarded **NPTEL Star/Believer 2026** by NPTEL in recognition of consistent performance and active participation in NPTEL online certification courses.
2. Completed the NPTEL course "Introduction to Industry 4.0 and Industrial Internet of Things" with silver badge offered by IIT Kharagpur, under Prof. Haimanti Banerji.

3. Completed the NPTEL course “GPU Architectures and Programming ” offered by IIT Kharagpur, under Prof. Haimanti Banerji.
4. Completed the NPTEL course “Switching Circuits and Logic Design ” offered by IIT Kharagpur, under Prof. Haimanti Banerji.
5. Completed the NPTEL course “Parallel Computer Architecture ” offered by IIT Guwahati, under Prof. Salil Kashyap.

PUBLICATIONS :

Journal Publications:

1. Kalpana N. and S. Malipatil, "*Hybrid cGAN-CNN Framework for Multi-Class Lung Cancer Detection Using SHAP, Grad-CAM, and t-SNE*," International Journal of Advanced Scientific Research and Engineering Trends (IJASRET), vol. 10, no. 6, Jun. 2026.
2. Kalpana N., S. Malipatil, M. Bi, and S. A. S., "*Robust Hybrid Steganographic Framework Integrating Sequential Ciphers with 2-Bit LSB Substitution*," Open Access International Journal of Science & Engineering (OAIJSE), vol. 8, no. 6, Jun. 2025.

Conference Publications:

1. Kalpana N., "*KNN and SVM based Identification of Multiple Anomalies in Biomedical Images*," National Conference, Vijaya Vittala Institute of Technology, Bengaluru, April 2025.

ADDITIONAL RESPONSIBILITIES:

1. Department level LG Coordinator.
2. Department level Placement Coordinator.
3. Department level Coders Hub Coordinator.

CONTACT DETAILS:

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