




R L JALAPPA INSTITUTE OF TECHNOLOGY

(Affiliated to Visvesvaraya Technological University, & Approved by AICTE)

Doddaballapura - 561203, Bangalore Rural District

Department of Computer Science & Engineering

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|-------------------------|--|---|
| Faculty Name | Mrs. Navitha R M |  |
| Designation | Assistant Professor | |
| Area of Interest | <ul style="list-style-type: none">• Data Structures• Cloud Computing• Python Programming | |
| Email ID | navitha022@gmail.com | |
| Official Mail ID | navitha.D0077@rljit.in | |

EDUCATION:

| COURSE | COLLEGE | BOARD/UNIVERSITY | PERCENTAGE OF MARKS |
|--------------------------------------|--|--|----------------------------|
| M. Tech (COMPUTER SCIENCE) | IMPACT COLLEGE OF ENGINEERING & APPLIED SCIENCES, BANGALORE. | VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM. | |
| B.E (COMPUTER SCIENCE) | SJC INSTITUTE OF TECHNOLOGY, CHICKBALLAPUR. | VISVESVARAYA TECHNOLOGICAL UNIVERSITY, BELGAUM. | 61.88% |
| DIPLOMA (COMPUTER SCIENCE) | GOVT.POLYTECHNIC COLLAGE, BAGEPALLI. | DEPARTMENT OF TECHNICAL EDUCATION, BANGALORE. | 76.65% |
| S.S.L.C | PPHS, CHICKBALLAPUR. | KARNATAKA SECONDARY EDUCATION EXAMINATION BOARD. | 62.24% |

PROFESSIONAL EXPERIENCE

- Working as a Lecturer (3.5 Years) in R L JALAPPA POLYTECHNIC, Doddaballapura from 01/08/2022 to November 2025.
- Teaching core subjects such as Data structures with Python, Python Programming, Operating System and Cloud Computing.
- Guided diploma-level Projects on Web Application, AIML, Cyber Security, Cloud Computing.
- Conducting Practical labs in Python, OS, DSP and AWS.

RESEARCH PUBLICATIONS

1. **Student Campus Attendance System Using Code QR** in International Research Journal of Modernization in Engineering Technology and Science (IRJMETS), Volume 06, Issue 06, June 2024.
2. **Clinical Disease Prediction System Using Machine Learning Techniques** in IJRCCE, Volume 12, Issue 12, December 2024
3. **Enhanced Video Surveillance System Using Deep Learning Technique** in International Conference on ICAQASF in UGC Journal Paper (2025).
4. **Intelligent Surveillance Across Multi-Domain Environments Using Deep Learning Architectures** in 2025 IEEE 2nd International Conference on Information Technology, Electronics and Intelligent Communication Systems (ICITEICS) during 30th to 31st August 2025 at Vemana Institute of Technology, Bengaluru.

ACADEMIC PROJECT

Topic: INTELLIGENT VIDEO SURVEILLANCE SYSTEM

Description: Designed an Intelligent Video Surveillance System using YOLOv8 for real-time object detection and tracking. Implemented Convolutional Neural Networks (CNN) for behavioral analysis. Enhanced security automation by integrating alert mechanisms for anomaly detection in live video feeds.

Programming Languages : Python
Tools used : OpenCV, FFMPEG
Deep Learning Frameworks: TensorFlow, PyTorch
Models : YOLOv8, CNNs
Database : MySQL

OUTCOME: Published in 2025 IEEE 2nd International Conference on Information Technology, Electronics and Intelligent Communication Systems (ICITEICS) during 30th to 31st August 2025 at Vemana Institute of Technology, Bengaluru.

INTERNSHIP EXPERIENCE

- MACHINE LEARNING and AI Conducted from 25/11/2024 to 04/01/2024 at KARUNADU TECHNOLOGIES PRIVATE LIMITED, Bangalore.
- Developed a web application using Django.

TECHNICAL SKILLS

- **Programming Languages** : C,C++,JAVA,PYTHON,SQL
- **Web Technologies** : HTML, CSS, JAVASCRIPT, PHP, FLASK, Django
- **Databases** : MySQL
- **Tools & Platforms** : VS Code, Jupyter Notebook
- **Areas of Interest** : AIML, Python, Cloud Computing

STRENGTHS

- Hands on experience in handling
- Knowledge about do's and don'ts
- Self-motivated, smart working and goal oriented team player with good communication skills. Interest towards new innovations and technologies, ability to learn them in short time span.
- Positive Attitude, determination and enthusiastic to learn from new acquaintances.

CONTACT DETAILS

Name : NAVITHA R.M
Father's Name : MUNIYAPPA J
Date of Birth : 12-7-1992.
Marital Status : Married.
Nationality : Indian.
Languages known : Kannada, English, Telugu.
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Phone : 8431284347