R L JALAPPA INSTITUTE OF TECHNOLOGY

(AffilatedtoVisvesvarayaTechnologicalUniversity,&ApprovedbyAICTE)

Doddaballapura -561203, Bangalore Rural District

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)

Faculty Name	**Dr. KARTHIK B U**	
Designation	Assistant Professor	
Area of Interest	IOT, Image processing, Artificial Intelligence and Machine Learning	
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EDUCATION:

DEGREE	SPECIALIZATION	YEAROF PASSING	University
Ph.D.,	Image Processing.	Oct-2023	Presidency University, Bengaluru
M.Tech	Digital Electronics and Communication	2018	M S Ramaiah Institute of Technology, Bengaluru
B.E	Electronics and Communication Engineering	2015	Govt SKSJ Technological Institute, Bengaluru

TECHNICAL SKILLS: Python , Matlab, R and SQL

PROFESSIONAL WORK EXPERIENCE: 1 years

➢ Working as Assistant Professor at R.L. Jalappa institute of Technology, Bengaluru

➢ Worked as Assistant professor at Sri Venkateshwara College of Engineering, Bangalore.

➢ Worked as feedback co-ordinator at Department level.

Paper Publications

- Karthik B U, "Face recognition using Machine Learning algorithm", International journal of scientific research and review, ISSN NO: 2279-543X , pp 250-256, Volume 7, Issue 9, 2018, doi:16.10089.IJSRR.2018.V7106.5245.2437

- Karthik B U, Dr. Muthupandi G. (2022). "A Brief Survey on Various Techniques in Image Enhancement. Design Engineering", (1), 4103 - 4111. Retrieved from http://www.thedesignengineering.com/index.php/DE/article/view/9604 (Q4 indexed)

- B U Karthik, Dr G Muthupandi (2022). "SVM and CNN Based Skin Tumour Classification Using WLS Smoothing Filter", Optik,170337, ISSN 0030- 4026, 2022. https://doi.org/10.1016/j.ijleo.2022.170337. (Q2 indexed).

- Mr. B U Karthik, Dr G Muthupandi (2023). "Bilateral filter based dermic tumor classification using SVM and CNN", European chemical bulletin (Q3 indexed).

- Mr. Lakshmisha S K, Impa B H, Karthik B U, Dr. Laxmi singh (2023). "Improved Ant Colony Optimization Algorithm Based Feature Selection For Remote Sensing Images In Land Cover Area", European chemical bulletin (Q3 indexed).

Personal Details:

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