



Dayananda Sagar Academy of Technology

(Autonomous Institute under VTU)

Affiliated to VTU

Approved by AICTE

Accredited by NAAC with A+ Grade

6 Programs Accredited by NBA

(CSE, ISE, ECE, EEE, MECH, CV)

FACULTY PROFILE ON WEBSITE

Faculty Name	Mr. Ranjan Raj	
Academic Designation	Assistant Professor	
Educational Qualification	M.Tech(IT)	
Experience in Teaching & Industry	2 & 2	
Date of Joining	06 October 2025	
Official Email ID	ranjan-csds@dsatm.edu.in	
Employee ID	180887	

Educational Details

M Tech in Information Technology

Professional Experience

Served as **Assistant Professor** at **RV University, Bengaluru**, teaching *Core Java Programming* and conducting workshops. Emphasized practical learning through hands-on projects and contributed as **judge for the AI/ML track** in the Argonyx Hackathon.

Worked as **Project Engineer** at **Wipro Limited, Bengaluru**, managing **network security configurations**, performing **vulnerability assessments**, and contributing to the design of scalable system architectures. Provided technical enhancements for the **ServiceNow platform**.

Served as **System Analyst** at **Capgemini India Pvt. Ltd., Bengaluru**, analyzing business requirements, developing system solutions, and delivering technical support and documentation to ensure seamless system integration.

Publications

Comment on "AI for clinical neurology: comparing five large language models in neurological diagnosis and lesion localization"

Neurological Sciences Letter 2026

DOI: 10.1007/s10072-026-09009-0

Adhyapak, Sadhana U. Kaur, Prabhjot Raj, Ranjan

Ranjan Raj, *Medical Chatbot for Disease Prediction using Machine Learning*,
International Journal of All Research Education and Scientific Methods (IJARESM),
ISSN: 2455-6211, **Volume 9, Issue 6, June 2021**, Impact Factor: 7.429,

Ranjan Raj, Dr. Kavitha S N, *Legal Document Summarization and Analysis*,
International Journal of All Research Education and Scientific Methods (IJARESM),
ISSN: 2455-6211, **Volume 13, Issue 1, January 2025**,

International Conferences:

P. R., R. Raj, S. A., V. P. and N. Karthikeya, "Smart City Traffic Optimization Using Adaptive Spatio-Temporal Graph Attention with Predictive Consistency Learning," 2026 3rd International Conference on Integrated Intelligence and Communication Systems (ICIICS), Kalaburagi, India, 2005, pp. 1-6, doi: 10.1109/ICIICS67880.2026.11483484.

A. S. V. Raj, R. Raj, S. B, P. Maderamitla and R. Gujarathi, "Context-Aware and Spectral-Consistent Multiscale Generative Adversarial Network for Multi Spectral Satellite Sensing Through Image Super Resolution," 2026 3rd International Conference on Integrated Intelligence and Communication Systems (ICIICS), Kalaburagi, India, 2005, pp. 1-6, doi: 10.1109/ICIICS67880.2026.11483380.

R. V. S. S. B. R, S. S. Jadhav, R. Raj, R. Naveenkumar and D. Jayaprakash, "A Multi-Scale Attention Transformer Framework for Video Anomaly Detection in Public Safety Systems," 2026 3rd International Conference on Integrated Intelligence and Communication Systems (ICIICS), Kalaburagi, India, 2005, pp. 1-7, doi: 10.1109/ICIICS67880.2026.11483375.

R. Raj, B. D. Bhavani, R. B. N, K. Hemadri and T. Suresh, "Adaptive Attention-Guided PSO-Transformer Residual Framework for Real-Time Industrial Ceramic Defect Detection," 2026 4th International Conference on Integrated Circuits and Communication Systems (ICICACS), Raichur, India, 2026, pp. 1-6, doi: 10.1109/ICICACS68679.2026.11578764.

Patents:

An IoT and Cloud-Based System for Industrial Emissions Monitoring for Pollution Control

Conference Attended

2026 3rd International Conference on Integrated Intelligence and Communication Systems (ICIICS) on 20-21 February 2026

2026 4th International Conference on Integrated Circuits and Communication Systems (ICICACS), Raichur, India, 2026 on 22nd and 23rd May 2026

Academic Activity

- Actively involved in academic coordination and student mentoring.
- Organized and evaluated internal assessments and practical exams.
- Organized department-level seminars and coding workshops to enhance technical learning.

Faculty Development Activity/Workshops

Emerging Techniques in Cyber Security for Building Resilient Network Infrastructure Disaster Management & Resilient Infrastructure Engineering and Management by Indian Institute of Information Technology, Sri City.

Attended Faculty Development Program on Database Management System by Infosys Springboard

Attended Faculty Development Program on Advance Java by Infosys Springboard

Attended Faculty Development Program on Python Programming Language by Infosys Springboard

Contact Details

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