



# Rajarajeswari College of Engineering

(An Autonomous Institute, under Visvesvaraya Technological University, Belagavi ,

Approved by AICTE, UGC & GoK, Accredited by ISO 9001-2015 Certified Institution)

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**Department of Artificial Intelligence & Machine Learning**



## Patent Publications

Sl.NO	AY	Name of Faculty	Title of the Patent	Application Number	Published
1		Dr S Jagannathan	A Quantum-Classical Optimization System with Quantum Annealing and AI-ML Integration for Combinatorial Problem Solving.	202541106432 A	Published
2		Dr S Jagannathan	AI-Powered Predictive Analytics System for Real-Time Decision Making	202541039262 A	Published
3		Dr. Mamatha. B	Environmental Impact-aware code optimization compiler using carbon footprint prediction models	202541100997	Published
4		Dr. Mamatha. B	Biosensor Device for the Detection of Cancer Cell	467912-001	Grant

Professor & Head

Dept. of Artificial Intelligence & Machine Learning

**RAJARAJESWARI COLLEGE OF ENGINEERING**

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Department of Artificial Intelligence & Machine Learning

NBA  
CSE, ECE, ISE



## Patent Publications

5	2025-26	Prof. Mamtha K. R	Environmental Impact-aware code optimization compiler using carbon footprint prediction models	202541100997	Published
6		Prof. Deepali A Dixit	Environmental Impact-aware code optimization compiler using carbon footprint prediction models	202541100997	Published
7		Prof. Rajakanth C. B	Environmental Impact-aware code optimization compiler using carbon footprint prediction models	202541100997	Published



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