



RAJEEV GANDHI MEMORIAL COLLEGE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

List of Patents for A.Y 2024-25

1. **Dr. K Subba Reddy** and others, have published a patent on “AI-based Student Monitoring Device for Classrooms”, by Certificate of Registration for a UK Design, Comptroller-General of Patents, Designs and Trade Marks, Intellectual Property Office, Design number: 6290445, dated on 26-06-2023.
2. **Dr. K Subba Reddy** and others, have published a patent on “Machine Learning-Based Insulin Dosage Monitoring System for Control Of Blood Glucose Levels In Type 2 Diabetic Patients”, by Publication of The Patent Office, INDIA, Application No.202311040389 A, Publication dated on 14-07-2023.
3. **Dr. K Subba Reddy** and others, have published a patent on” Exploring Machine Learning With Graph Theory: A Generalised Social Network Analysis-Based Classification”, by Publication of the Patent Office, INDIA, Application No. 202441020464 A, Publication dated on 29-03-2024.
4. **Dr. R Kaviarasan**, Asso. Proff, Dept. of CSE and others, have published a patent on “Universal IOT Remote for Live Streaming Devices”, by Certificate of Registration for a UK Design, Comptroller-General of Patents, Designs and Trade Marks, Intellectual Property Office, Design number: 6299099 on 09 August 2023.
5. **Dr R Kaviarasan** has got certificate of registration of design on “Universal Iot Remote For Live Streaming Devices”, Design No. : 396981-001, Date: 07/10/2023, Reciprocity Date*: 26/07/2023, by The Patent Office, Govt. of India, Date of Issue: 23-02-2024.
6. **Dr. Nooka Madhusudhana Reddy** and others, have published a patent on “AI Based Device For Traffic Management And Navigation”, by Certificate of Registration for a UK Design, Comptroller-General of Patents, Designs and Trade Marks, Intellectual Property Office, Design number: 6347711, dated on 27-02-2024.
7. **Dr. K Nageswar Reddy** and others, have published a patent on” Artificial Intelligence based (BP) Blood- pressure dropping system for avoidance of cardiovascular- disease using Data Mining and machine learning Techniques for Health care Management”, by Publication Of The Patent Office, INDIA, Application No. 202341056042 A, Publication dated on 01-09-2023.
8. **K Viswanath**, Mr. O Sampath Kumar, and others, have published a patent on” A Deep Learning-Based Prediction Model For Supervising Obstructive Sleep Apnea”, by Indian Patent, Application No. 202321032231, dated on 16-06-2023.
9. **Mrs. G Naga Pavani** and others Asst. Prof., Dept. of CSE from RGM College of Engg. & Technology, has published a patent on” Enhancing Cybersecurity in Leveraging Machine Learning Models for Detecting Distributed Denial of Service Attacks in Agriculture 4.O”, by Indian Patent, Application No. 202341088178, dated on 12-01-2024.