



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING(AUTONOMOUS)

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING (AI&ML)

Details of Patents – 04

S.No.	Patent Title	Applicants/ Inventors	Patent No.	Published date
1.	AN AI-DRIVEN PERSONALIZED RECOMMENDATION SYSTEM WITH EXPLAINABLE MACHINE LEARNING FOR ENHANCED USER EXPERIENCE	1. Johnwesily Chappidi 2. Naathi Usha Rani 3. S Md Shafi 4. Dr.Ch. Vengaiiah 5. Dr.Chilukala Mahender Reddy 6. Ramesh Poliseti 7. P. Raghavendra Prasad 8. Anup Ingle	202541073681	22-08-2025
2.	Integrating AI and Cobots: Bridging Human and Machine Collaboration in Industry 5.0	1.Dr. S. Jayaprada 2.Kestha Ravali 3.Dr. Karan Babaso Patil 4.B. Niveditha	202541094638	28-11-2025
3.	A System And Method For Real-Time Adaptive Traffic Signal Control For Emergency Vehicle Priority Using Yolo-Based Long-Range Detection And Iot Integration	1. Lakireddy Bali Reddy College of Engineering (A) 1. Dr. Rajendra Prasad Banavathu 2. Dr. S. Jayaprada 3 Dr. Sk. Jameer 4. Dr. S. Salma Asiya Begum 5. Mr. P. Jagadeeswara Rao 6. Dr. V. Siva Nagaraju 7. Dr. John Wesily Chappidi 8. Mr. Lalam Narendra 9. Mr. M Pruthvi Raj	202641052659	08/05/2026
4.	Intelligent System and Method for Automatic Generation of Meeting Minutes Using Artificial Intelligence and Machine Learning	1. Dr. Poonam Kakkad 2. Dr. I. Murali Krishna 3. Dr. Poonguzhali M 4. Dr. Kanaka Durga Returi 5. Mr. Babu G 6. Dr. Vanajaroselin Chirchi 7. Dayananda Sagar	202621028089	01/05/2026