

**G. Pulla Reddy Engineering College (Autonomous): Kurnool****Research & Development Cell****Incentives for the Patent for the academic year 2023-24**

S.NO	Patent Application No.	Status of Patent (Published / Granted)	Department	Inventor/s Name	Title of the Patent	Applicant/s Name	Patent Filed Date (DD/MM/YYYY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Patent Publication Number / Patent Granted Number	Assignee/s Name (Institute Affiliation /s at time of Application)
1	202341002162	Published	ECS	B.Varalakshmi	An innovative IoT Based Smart Waste Bin Monitoring and Municipal Solid Waste Management System	1 . Bandaru Ramakrishna 2 . B.Varalakshmi 3 . Sangamitra Kamble 4 . Dr. Lalitha Y S 5 . B Shilpa 6 . Dr. M Pushpalatha 7 . Shehrevan Davierwala 8 . Jayasudha Reddy	01-11-2023	20/01/2023	202341002162	G.Pulla Reddy Engineering College
2	389948-001	Granted	CSE	Dr.B.Santhosh Kumar	BLOCKCHAIN AND IOT BASED ELECTRONICS HEALTH RECORD DEVICE	1 . Dr.B.Santhosh Kumar 2 . Dr.P.Penchala Prasad 3 . Mr.P.Praveen Yadav	07-10-2023	22/09/2023	389948-001	G.Pulla Reddy Engineering College
3	202341068061	Published	CSE	Dr.G.Rajeswarappa	AI-ENHANCED EDGE PROCESSING FOR REAL-TIME TRAFFIC MANAGEMENT IN SMART CITIES	1 . Dr.G.Rajeswarappa 2 . Mr. Kandi Venkata Narasimha Reddy 3 . Mr.K.Suresh Babu 4 . Dr.R.Pugalenth 5 . MALLA REDDY ENGINEERING COLLEGE (Autonomous) 6 . Mr. K. BHARADWAJA 7 . Mr. D. Prabhu	10-10-2023	20/10/2023	202341068061	G.Pulla Reddy Engineering College

4	202341067361	Published	CSE	M.Raghavendra Reddy	ARTIFICIAL INTELLIGENCE BASED SMART SYSTEM TO ENHANCE THE BETTER PERFORMANCE IN THE SUPPLY CHAIN MANAGEMENT USING BIG DATA AND BUSINESS ANALYTICS	1 . M.Raghavendra Reddy 2 . Hasthi Teja 3 . Dr Kiran S Khairnar 4 . Gyarampalli Bhavana 5 . Karapakula Uthkala 6 . S. Niresh Kumar 7 . N. Kavitha 8 . Abhishek S. Rao 9 . R.Kalpna 10 . Mrs.P.V.Hemavathi	10-07-2023	24/11/2023	202341067361	G.Pulla Reddy Engineering College
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5	202341075525	Published	CSE	L Sudha Rani	ARTIFICIAL INTELLIGENCE AND IOT BASED SELFDRIVING CAR FOR PATH PLANNING AND ROAD LANE DETECTION WITH IMPROVED CANNY EDGES FOR SELF-DRIVING CARS IN DYNAMIC ENVIRONMENT	1 . L Sudha Rani 2 . Ms. Y.saroja 3 . Dr. Seshu Kumar Manchikanti 4 . Dr. Ashok Koujalagi 5 . Dr Nishant Yadav 6 . Mr. S.Revanth Babu 7 . G Mahesh Kumar 8 . Dr. Vasanth K R 9 . Amit Prakash 10 . Dr. Sujankumar Patel	11-06-2023	22/12/2023	202341075525	G.Pulla Reddy Engineering College
6	6329513	Granted	CSE	Dr. Pogula Sreedevi	Three Dimensional Article Scanner	1 . Dr. Pogula Sreedevi 2 . Dr. Radha Rayi 3 .Dr. Vutukuru Shravan Koundinya 4 . Dr. Ashrith Hiriyalu Shivegowda 5 . Dr. Harekrushna Parthasarathi Patra 6 . Yelamanda Jagadeesh	28-Nov-23	07-Dec-23	6329513	G.Pulla Reddy Engineering College
7	202341087377	Published	CSE	Dr.C. Sreedhar	ARTIFICIAL INTELLIGENCE BASED AUTOMATIC CRIMINAL FACE IDENTIFICATION BASED ON FACE RECOGNITION AND WALKING STYLE PATTERN TO SUPPORT LAW AND ENFORCE TEAM USING IMAGE PROCESSING AND DEEP LEARNING ALGORITHMS	1 . Dr.C. Sreedhar 2 . Pooja Dahiya 3 . T.Priyanka 4 . Dr.Sridhathan.C 5 . Dr.K.Pushpalatha 6 . Dr.N.R.Deepa 7 . Sabareesh R 8 . Ms.J.Angeline Sheela 9 . A.Arun 10 . Venkatakrisnan Srinija	20/12/2023	01-12-2024	202341087377	G.Pulla Reddy Engineering College

8	202341064348	Published	ECS	S SHABANA BEGUM	DEEP LEARNING BASED MODELS FOR DIGITAL MANAGEMENT AND OPTIMIZATION OF TOURISM INFORMATION RESOURCES	1 . S SHABANA BEGUM 2 . Dr. Shikha Kumari Pandey 3 . Dr.K.Ashokkumar 4 . Pallavi Ravindra Patil 5 . Dr. M. Chandran 6 . Dr. P. Libia 7 . K.P. Indhuja 8 . Dr. M. Chandran 9 . Rahul Kantilal Pawar 10 . Ruchi Malhotra	25/09/2023	13/10/2023	202341064348	G.G.Pulla Reddy Engineering College
9	202441000029	Published	ECS	Dr. R Praveen Sam	INTERNET OF THINGS EQUIPMENT DIGITAL IDENTITY MANAGEMENT SYSTEM AND METHOD BASED ON BLOCK CHAIN	1 . Dr.R.Senthilkumar 2 . Dr. R Praveen Sam 3 . Mr.B.Michael Vinoline Rinoj 4 . Dr. Babu Pandipati 5 . Mr. N.Sathiyathan 6 . Viswanadhareddy N 7 . Shaik Mastan Basha	01-01-2024	26/01/2024	202441000029	G.Pulla Reddy Engineering College
10	6338377	Granted	CSE	Ms.Perla Sunanda	Wearable Electronic Device for visually impaired people	1 . Ms.Perla Sunanda 2 . Mr.Santhosha Devaraju 3 . Dr. Syed Quadir Moinuddin 4 . Dr. Neelima Koppala 5 . Dr. Ayanellore Vijayaraghavan Kalpana 6 . Dr. Karthigaikumar Palanivel 7 . Dr Prasun Chakrabarti 8 . Dr Tulika Chakrabarti	10-Jan-24	29-Jan-24	6338377	G.Pulla Reddy Engineering College
11	202441004846	Published	ECE	Dr. G. Amjad Khan	SMART ROBOT USING MACHINE LEARNING FOR HEALTH MONITORING WITH SENSOR	1 . Dr. G. Amjad Khan 2 . Dr. S.M Shamsheer Daula 3 . Dr. G. Ramesh 4 . Dr. M. Madhusudan Reddy 5 . Dr. R.Sudheer Babu 6 . Dr. SHAIK SAHEB BASHA 7 . Dr. Pinjari Abdul Khayum 8 . Sri.L.Laxmi Prasanna Kumar	24-01-2024	02-02-2024	202441004846	G.Pulla Reddy Engineering College
12	202441005117	Published	CSE	Chowdam Sreedhar	AN ARTIFICIALLY INTELLIGENT NEURAL NETWORK TECHNIQUE ENABLED COMPUTER AIDED PROCESS PLANNING SYSTEM	1 . Chowdam Sreedhar 2 . Dr. Richa 3 . Dr. Prashanth M V 4 . Dr.Prema N S 5 . Ms. Rajni Prashar 6 . Sakshi Mittal	25-01-2024	09-02-2024	202441005117	G.Pulla Reddy Engineering College

13	398948-001	Granted	ECS	Gajula Raghu Ram	External Hub for Multiple Wired Circumaural and Supra aural Headphones	1 . Gajula Raghu Ram 2 . Dr. Sanike Anuradha 3 . Allagadda Pradeep Kumar Yadav 4 . Dr. H. Parthasarathi Patra 5 . A. Logeswaran 6 . Dr. Vinayak Malik	01-11-2023	16-02-2024	398948-001	G.Pulla Reddy Engineering College
14	202441002740	Published	CSE	Dr.G.Rajeswarappa	ARTIFICIAL INTELLIGENCE AND IOT BASED SMART URBAN WASTE MANAGEMENT SYSTEM FOR OPTIMAL RESOURCE ALLOCATION USING MACHINE LEARNING ALGORITHMS	1 . Dr.G.Rajeswarappa 2 . Dr. Dhamodharan G 3 . Subhra Chakraborty 4 . Ms. Geetanjali Ganguly 5 . R. Shoba 6 . Dr.M.Ponni Bala 7 . Dr P D Selvam 8 . Dr. Vishwanath Kamatar 9 . Ms. Sonu Rana 10 . Dr. Reenu Batra	13-01-2024	23-02-2024	202441002740	G.Pulla Reddy Engineering College
15	6352309	Granted	EEE	Dr. Satheesh Gopiseti	Home Security Camera with Rotating Base	1 . Dr. Satheesh Gopiseti 2 . Dr. Maddi Hemalatha 3 . Dr. Baggidi Prabhakara Reddy 4 . Mr. Aritra Bandyopadhyay 5 . Mr. Uday Kumar Rajanala 6 . Dr. Ashish Verma	11-Mar-24	22-Mar-24	6352309	G.Pulla Reddy Engineering College
16	202441019661	Published	CSE	P. Rama Rao	SMART IOT NECKLACE FOR WOMEN'S SAFETY AND PROTECTION	1 . P. Rama Rao 2 . Dr. N. Mythili 3 . Mrs. Preeti Tuli 4 . Dr. T Sreelakshmi 5 . Dr. N Balavenkata Muni 6 . Dr. Vandana 7 . Mrs.Krishna Priya M S 8 . Dr. G.Soundradevi 9 . Dr.R.Karthick	16-03-2024	29-03-2024	202441019661	G.Pulla Reddy Engineering College
17	202441033677	Published	ECS	Dr.Y.Rama Mohan	PREDICTIVE DATA ANALYTICS FRAMEWORK FOR BIG DATA MANAGEMENT IN CLOUD ENVIRONMENTS	1 . Dr.Y.Rama Mohan 2 . Dr. Prakash H. Unki 3 . Dr. Supriya S. Sawwashere 4 . Dr. Ashutosh O. Lanjewar 5 . Dr. Ronak Mehta 6 . Mr. Ippatapu Venkata Srisurya 7 . Ms. Cherreddy Spandana 8 . Dr.R.Karthick	27-04-2024	03-05-2024	202441033677	G.Pulla Reddy Engineering College

18	202441038260	Published	CSE	K.Gayathri	AI BASED CYBER THREATS PREDICTING SYSTEM THROUGH HACKER SOCIAL NETWORKS IN DARKWEB AND DEEPWEB FORUM	1 . K.Gayathri 2 . Abhishek Satyarthi 3 . Pragya Deep 4 . Dr. Rohini T V 5 . Dr.C J Raman 6 . Dr. Sandip Haldar 7 . Prof (Dr.) Subhrendu Guha Neogi 8 . M.Deepashri 9 . B.Kavitha 10 . K Yasodha	15-05-2024	24-05-2024	202441038260	G.Pulla Reddy Engineering College
19	379718-001	Granted	EEE	Dr. Teegala Brahmananda	VEGETABLE QUALITY ANALYZING DEVICE	1 . Sarvesh Rustagi 2 . Dr. Teegala Brahmananda 3 . Tejaswi Boyapati 4 . Dr.S. Kalaiselvan 5 . Kunal	20-02-2023	12-04-2024	379718-001	G.Pulla Reddy Engineering College