



VARDHAMAN
COLLEGE OF ENGINEERING

Department of Electronics and Communication Engineering
Faculty Patents AY 2024-2025

#	Title of the Patent	Name of the Faculty	Patent no	Application Date /Publication Date	Name of Applicant
1	Impostor Resilient Multimodal Metric Learning for Real Time Object Identification using Deep Learning	Dr. S. Sujana Dr. D. Krishna K. Ashwini Dr. GAE Satish Kumar Dr. D. Praveen Kumar Dr. K. Narsimha Reddy Dr. D. Nagajyothi Dr. Sanjukta Rani J K. Pavan Kumar	2024410506 75	Date of Filed:02/07/2024 Publication date: 12/07/2024	Vardhaman
2	Smart Bandage For Wound Monitoring	Ms. Vishalini Dr. M Naresh Kumar Dr. R Chitra Kala	Design No. : 415513-001	Registration date: 01/04/2024 Publication date: 05/07/2024	-
3	Development of Advanced Prosthetic Device for Blind Amputees	Dr. G.A. E Satish Kumar Dr. D. Krishna Dr. N Hathiram Dr. R. Sumalatha Dr. D. Nagajyothi	2021410519 78	Application Date: 12-11-2021 Publication date: 26/11/2021	Vardhaman Granted
4	Single Electron Transistor Intelligent logic for High Reliability of Moore's low power Advanced VLSI.	Dr. S.Karunakaran Dr. RajendarSandiri Dr.P.Kalyani Ms. Sangeeta Singh Mr.NagarjunaMalladhi Mr.R.PhaniVidyadhar Mrs.J.Swetha Priyanka Dr.l. Babu Mr.Tareeq Zaid	2021410596 50	Application Date: 21/12/2021 Publication date: 31/12/2021	Vardhaman Granted
5	Smart Stripe for Detecting the Formation of Kidney Stone	Mr. MAHIILMITHRAN NC Ms. VISHALINI NC Dr. M NARESH KUMAR Dr. R CHITRAKALA	2024410001 09	Application Date: 01/01/2024 Grant date: 11/12/2024	-

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6	GAS - ELECTRIC - SOLAR INTEGRATED COOKING STOVE	Dr. M. Srilatha Dr. Sangeetha Singh Mukkamlla Munindra Reddy Mohammed Umair Todeti Sahithi Mothkur Swaraj Indian Nagili Archana	2024410807 88	Application Date: 23/10/2024 Publication date: 01/11/2024	Vardhaman
7	Implementation of Ai Techniques to Predict the Factors Responsible for Vitamin-D Deficiency in Women	Mr. K. SRIPAL REDDY Dr. A. VIJAYALAKSHMI Dr. D. PRAVEEN KUMAR Mr. S. SRINIVAS Dr. A. JAYA LAKSHMI Dr. M. NARESH KUMAR Mr. S. SREENU	2024410997 10	Application Date: 16/12/2024 Publication date: 20/12/2024	Vardhaman
8	Design of Smart EV Vehicle for Early Detection of Errors	Dr. D. PRAVEEN KUMAR Mr. K. SRIPAL REDDY Dr. A. VIJAYALAKSHMI Mr. S. SREENU Dr. M. NARESH KUMAR Dr. A. JAYA LAKSHMI Mr. S. SRINIVAS	2024410997 09	Application Date: 16/12/2024 Publication date: 20/12/2024	Vardhaman
9	Metamaterial-Based Reconfigurable Antenna for High-Frequency Applications	Dr. Ch Sulakshana Dr. P. Nageswara Rao Mrs. V. Harini Mr. K.H. Murali Mrs. B. Shilpa	2024410741 02	Application Date: 01/10/2024 Publication date: 04/10/2024	Vardhaman
10	Smart Billing System: Streamlining using RFID Technology	Dr. P. Bindu Swetha Ratlavath SrithaNayak India Kanduri Sai Sri Vidya Pagilla Dhanush Dodle Akash Rao Dr. C. Padmini Dr. Mukta Jagdish M. Pratussha MounikaYashashwini Dr. Y. Vijayalata Dr. Md. Asif	2024410463 63	Application Date: 15/06/2024 Publication date: 21/06/2024	Vardhaman

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11	TO TRANSFORM THE VLSI ON THE VIRTUAL MODE (E-VLSI)	Dr. S. Rajendar Dr. Sangeeta Singh Mr. Nagarjuna Malladhi Dr. P. Kalyani Mrs. M. Geethanjali, Dr. B. Srikanth	2025410379 91	Application Date: 21/04/2025 Publication date: 16/05/2025	Vardhaman
12	AI BASED STARLINK'S INTERNET TRACKING THROUGH VLSI CHIPS	Mr. Nagarjuna Malladhi Dr. P. Kalyani Mrs. M. Geethanjali, Dr. B. Srikanth Dr. Sangeeta Singh Dr. S. Rajendar	2025410379 95	Application Date: 21/04/2025 Publication date: 16/05/2025	Vardhaman
13	To Transform the VLSI on the Virtual Mode (e-VLSI) With AI-DRIVEN 6G System	Dr. I. Babu Mr. R. Phani Vidyadhar Dr. P. Bindu Swetha Mr. Tareeq Zaid Dr. C. Padmini Dr. S. Karunakaran	2025410379 84	Application Date: 21/04/2025 Publication date: 16/05/2025	Vardhaman
14	INTERFACE THE TWO VLSI CHIP USING AI	Dr. C. Padmini Dr. S. Karunakaran Mr. R. Phani Vidyadhar Dr. I. Babu Dr. P. Bindu Swetha Mr. Tareeq Zaid	2025410392 42	Application Date: 23/04/2025 Publication date: 16/05/2025	Vardhaman
15	Smartphone-Based Fundus Camera System for Early Detection of Glaucoma Using Deep Learning and Fundus Images	Dr. D. Krishna Dr. K. Narsimha Reddy Dr. GAE Satish Kumar K. Ashwini Dr. D. Nagajothi	2025410390 77	Application Date: 23/04/2025 Publication date: 16/05/2025	Vardhaman
16	Real Time Energy Consumption Analysis and Optimization Techniques Using IoT and Machine Learning Algorithms	Dr. J. Krishna Chaitanya Dr. V. Jyothi Dr. M. Srilatha J. Swetha Priyanka T. Rama Krishnaiah M. GOPI KRISHNA	2025410429 85	Application Date: 03/05/2025 Publication date: 30/05/2025	Vardhaman
17	AI Enabled Headphones to Support Tele Callers and Improvise Customer Relationship Management	Dr. J. Krishna Chaitanya Dr. V. Jyothi Dr. M. Srilatha J. Swetha Priyanka T. Rama Krishnaiah JVR Ravindra	2025410429 76	Application Date: 03/05/2025 Publication date: 30/05/2025	Vardhaman

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18	NAVIGATIONAL SENSOR EMBEDDED SHOE FOR BLIND	Vadde Akanksha, Shanigarapu Abhinav, Putti Annie Elina, Mandi Vamshi Reddy, Tareeq Zaid, Dr. Mukta Jagdish	2024410997 11	Application Date: 16/12/2024 Publication Date: 20/12/2024	Vardhaman
19	ARM WRESTLING TRAINING DEVICE	M Sasi Vadan, A Vishwa Teja Reddy, Vivin Chandra P, V Jaswanth, Dr. Cheerla Padmini Dr. Md. Asif	2025410560 11	Application Date: 10/06/2025 Publication Date: 20/06/2025	Vardhaman
20	SECURED DOOR ACCESS SYSTEM	Kondlepu Nikhil, Ashwa Sathyam, Advala Vamshi, Bhukya Yaku, Rajitha Ala, Dr. Ganesh Bhaiyya Regulwar, Dr. E.Ravi Kumar, A. Mounika Yesaswini	2025410560 12	Application Date: 10/06/2025 Publication Date: 20/06/2025	Vardhaman
21	COOKING GAS CYLINDER HANDLING AND MANAGEMENT DEVICE	Rajitha Ala, Akshith Goud, P. Gayathri, Manjula, Krishna Moha, Akhil Sai, Mounika Yesaswini	2025410483 55	Application Date: 20/05/2025 Publication Date: 06/06/2025	Vardhaman
22	AUTOMATED FLOOD CONTROL AND RESCUE DEVICE FOR WATER CANALS	B. Pushpanjali, B.Sai Ritheesh, B. Alekhya, B.Pranav Kumar, Rajitha Ala, A. Mounika Yesaswini, Baini Anusha Rani, G.Krishna Teja	2025410483 54	Application Date: 20/05/2025 Publication Date: 06/06/2025	Vardhaman

Head, ECE