



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada

Mylavaram – 521230, NTR Dist. Andhra Pradesh, India

Research and Development Cell

Date: 30-06-2026.

Details of R & D Accomplishments during the A.Y.: 2025-26

No. of Patents Granted/Published

: 00/87

S.No	Dept.	Patent-P
1.	AI&DS	16
2.	ASE	1
3.	CE	5
4.	CSE	11
5.	CSM	4
6.	ECE	15
7.	EEE	4
8.	IT	4
9.	ME	12
10.	MBA	10
11.	FED	5
Total		87

Details of R&D Accomplishments – Patents

S. No	Invention Title	Name of Applicant/Inventor	Patent No.	Filed Date	Published Date
ASE-01					
1.	Portable Table top Groundnut Shell removal Machine	Ponnaganti Gopinadh chowdary G.Jamuna Rani S.Indrasena Reddy	202541071170	26-07-2025	01-08-2025
AI&DS-17					
2.	An intelligent ml-iot based monitoring and control system for chemical process safety and efficiency	Thelu santhosha Dr. Vadhri suryanarayana saravanan subramani Dr. V. Santhosh Dr. Amit kumar sahu Santosh kumar sahu Dr. Mukesh kumar Dr. V. Sri vinitha V. Kiruthika S. Sangeetha V bhargavi	202641022160	25-02-2026	06-03-2026
3.	Machine learning–based optimization of perovskite solar charging systems for electric vehicles	Mrs. S. Priyanka Himanshu sahu Dr. Divvela srinivasa rao Voleti padmaja Dr. B. Thilaga rajeswari Ashokkumar d K. Shanmukha sundar Dr. T. Arunkumar Dayananda sagar Prof. Debendra shadangi Premsagar d patil Dilip mishra	202641010895	02-02-2026	20-02-2026
4.	Intelligent system for early detection and diagnosis of breast cancer using deep learning	Rajendra randa Ravi shankar garapati Gnana deepthi b Sumathy. K Thivya rajkumar Sevil buyuk uyanik Dr. Selcuk bulat Dr. Divvela srinivasa rao Swati kedar nadgaundi Karunamoorthy b Ram prabu j Mr. Sudhakar parmeshwar sarkate	202521085383	09-09-2025	19-09-2025
5.	Hybrid iot and machine learning architecture for intelligent vehicle fuel monitoring and alert systems	Sameeksha Chaudhary Dr. Ananda guddenahalli kullegowda Bhupendra sharma Dr. Divvela srinivasa rao Prof. Dipti amol shivatare Nivya k venu Dr. Deepak kumar b n Dayananda sagar Dr saranya d	202611008091	27-01-2026	13-03-2026

		Subham pankaj samantaray Thenmozhi m Priyanga s			
6.	Smart engineering systems for sustainable infrastructure development	Dr. Raja kumar rajaboina Dr. Shilpa b s Dr. Kim j seelan Dr. S. Vijaya bhaskar Mr. S. Surendar Farhan sadique kazi Jamdar ameerhusain suhelahmed Veeresh a salimath Dr. Divvela srinivasa rao Prof. Shrikant r kulkarni	202641046791	12-04-2026	24-04-2026
7.	Innovation zones for a mobile app uses cybersecurity and blockchain to locate and identify missing people	Dr. S. Shobana Dr. Divvela srinivasa rao Sonali laxmanrao mortale Manaswini aniruddha parlikar Dr. S. Vadhana kumara Madhavi manojkumar mali Kotteswaran rangasamy Muthuramalingam. E Dr. A. K. Reshmy Dr.r.thiagarajan	202641018827	19-02-2026	17-04-2026
8.	User behavior predictive analytics system for insider threads identification through machine learning techniques	dr.K. Venkataramanan Dr. Divvela srinivasa rao Sonali laxmanrao mortale Manaswini aniruddha parlikar Dr. S. Vadhana kumara Madhavi manojkumar mali Kotteswaran rangasamy Muthuramalingam . E Dr. A. K. Reshmy Dr.r.thiagarajan	202641018830	19-02-2026	17-04-2026
9.	Machine learning-based iot framework for faculty workload analysis and resource allocation in higher education	Fateh bahadur kunwar Dr. Ritu sodhi Dr. Divvela srinivasa rao Arthi a S. Manjula Dr. Rajeshwari s Dr. Animesh kumar sharma Anvesh perada Dr. Raj kumar gupta Dr. G. Prabhakaran Dr. Pinkey chouhan Dr. Mohd umar farooq	202611051358	22-04-2026	29-05-2026
10.	Iot and machine learning-based system for student health monitoring and	Fateh bahadur kunwar Dr. Shailendra gupta Dr. Divvela srinivasa rao arthi a Dr. C. Damodharan Dr. Rajeshwari s Dr. Animesh kumar	202611051615	22-04-2026	29-05-2026

	stress detection in higher education	sharma anvesh perada mrs. Manorma chauhan Dr. G. Prabhakaran Dr. Varsha rani Dr. Mohd umar farooq			
11.	Blended learning management system for higher Education	Dr. Sameer Dileep Joshi Dr. Anupama Vincy Oka Dr. Talanki Jeevan Kumar Dr. Rajesh Sharma P. Nanda Kumar Dr. P. S. Ravi Kumar Dr. Chandani Kumari Prof. (Dr.) Smruti Ranjan Rath Sandesh Zephaniah Dr. Divvela Srinivasa Rao	202621054301	28-04-2026	26-06-2026
12.	Ai-powered smart shopping basket for real-time budget management	Dr a. Daveedu raju, M. Radha krishna, Dr. Vijaya raju motru, Ch. Chandra sekhar, Dr. Solleti phani kumar, R. Bhagya sri, Siva ganga badipati, Kattupalli sudhakar, A. Jabez solmon joy	202541070393	24-07-2025	01-08-2025
13.	An ai-driven diagnostic method employing interpretable deep learning for improved detection of diabetes and diabetic retinopathy	Dr. Ch naveen kumar reddy, E. Priyadarshini, S nithyapriya, C.kavitha, Kattupalli sudhakar	202541117379	26-11-2025	19-12-2025
14.	Work life balance and its effect on employee productivity in hrm	Dr. Hareesh rebelli, Dr. D. Sathish kumar, Dr. Annapurna gupta, Deep chand kumawat, Kattupalli sudhakar, Koreddi venkatesh, Rajeshwari a, Sandesh zephaniah, Dr. Deepali ashok pagare, Mogitha k m	202541132311	26-12-2025	02-01-2026
15.	Machine learning-based behavioural analytics system for identifying fraud in e-commerce environments	Dr. (Ms.) Anshu Gauba, Dr. SP. Arunkumar, Ms Vandana G, Dr O Rama Devi, Dr. P. Maniiarasan, S. Ramakrishnan, Dr. P. Chellamani, Dr. Mini Srivastava, Cynthia Sherin B, Dayananda Sagar Dr. Ananda A,	202611024465	02-03-2026	01-05-2026
16.	Intelligent System for Analyzing and Applying Visible	Dr. K. Murali Sowjanya Vuddanti Dr. S. Hari Prasad	202641030492	13-03-2026	27-03-2026

	Authentication Patterns	Dr. J. Kishore Kumar Dr. B. Triveni Dr. P. Vishnupriya			
17.	A deep learning framework for predicting functional outcomes in ischemic stroke patients using clinical and neuroimaging data	Dr. M. Nirmala, Vedavyas gurla, Dr. Pramod vishwakarma, Korreddi venkatesh , Dr. Boddu l v siva rama Krishna	202641039451	30-03-2026	10-04-2026
CE-05					
18.	Smart Power Meter Method and System with Remote Billing and Usage Analysis	Dr.Yogesh Yashwant Pundlik, Chandan Sambhaji Kamble, Sachin Chakradhar Suke, Dr. Anusha R Sharath, K. Harish Kumar , Swaroop Mallick, C. Sudhakar , Dr.Ch. Asha Immanuel Raju	202641013609	08-02-2026	20-02-2026
19.	AI-driven intelligent system and method for dynamic estimation of construction cost and project completion time	Shraddha Sharma, Mrs. Kokila S, Mrs. Prattipati Keerthi , Mr. J. Dinesh Kumar, Dr. Shree Ram Malani, Mr. R. Elakkiyandasan	202611020845	23-02-2026	17-04-2026
20.	Development Of Geopolymer Concrete for Sustainable Construction	C. Venkata siva rama prasad, Dr.g. Sree lakshmi devi sourabh paul, Dr. J. Venkateswara rao , Dr k m gopalakrishnan, Dr. Anshul sharma, Ravi kumar kondaveeti, Chiranjeevi tadi, Om prakash, Dr sudarshan n m.	202641026400	06-03-2026	20-03-2026
21.	Self-Healing Material For Durable Mechanical Structural Components	Dr. A. Senthamilselvi, Devarshi Dutta, Dr. J. Venkateswara Rao , Dr. Kanade Ashok Tukaram, Dr. Asif M. Qureshi, Dr. S. Vijaya Bhaskar, Sanjay Ashok Pawar, Murali V, G Praveen, Kommalapati Prasanthi	202641041815	01-04-2026	29-05-2026
22.	Integration of state of art materials to foster	Mr. Rajesh D V S P Mrs. M. Sowjanya Lakshmi	202641030211	13-03-2026	27-03-2026

	sustainability in the construction industry	Mr. G. Sampath Kumar Dr. K. Venkata Ramana Prashant Kumar Singh Dr. Ayush Mittal Dr. J. Anitha Mrs. CH. Kalyani			
CSE-11					
23.	A system and method for real-time intrusion detection and forensic logging in internet of medical things using extended bilstm and blockchain	Shaik Johny Basha Dr. D. Veeraiah Dr. L. Sumalatha	202641010398	01-02-2026	13-02-2026
24.	Machine Learning-Based Adaptive Framework For Enhancing Efl Learners' Reading Skills In Higher Education	Duggineni Veeraiah Dr. K. Makeswari Thanga Kumaran M Chandrasekar P Mrs. P. Umamaheswari Gracelin Sheena B M. Keerthipriya Dr. Soumitra Mondal B Abdul Gaffur Ashish Tripathi R. Leelavathi Dr. Animesh Kumar Sharma	202541093228	29-09-2025	31-10-2025
25.	A System And Method For Secure Multi-User Access In Virtualized Cloud Environments Using Role- Based Encryption	Dr. Kalyan kumar Dasari Mrs. Swetha Gadde Mr. S Krishna Sakalabattula Mrs. Bajjuri Usha Rani Mrs. Mahalakshmi Dr. B. Senthil Kumar Mr. Kishore Dasari Dr. Priyanka More Dr. Rizwana Dr. Ramesh Kumar Yadav	202541101888	22-10-2025	28-11-2025
26.	A Deep Learning Framework for CT- Based Abnormality Detection and Organ- Level Segmentation	Shaik Rafi, Swathi Buragadda, Siddabattula Geetha Sri Priyanka, Parameshwari M Goud, Chinnaswamy C N	202641028196	10-03-2026	20-03-2026
27.	System And Method For Automated Cybersecurity Threat Detection	Dr. G. Syam Prasad Siva Naga Prasad Gudise Suresh Kumar Sk. Ahmad Mohiddin Md. Ahmed A. Koteswara Rao K. Venkateswara Rao Dr. K. Narasimha Peddini Suresh Kumar P. Ashok Kumar Jonnalagadda V N Raju A. Karna Rao	202541083617	03-09-2025	19-09-2025

28.	Blue Monkey Integrated Coot Optimization with Hierarchical Attention Multimodal Deep Learning for Multi-Document Summarization	Dr. Sunilkumar Ketineni Chilakalapudi Malathi Sheela Jayachandran	202541068474	17-07-2025	25-07-2025
29.	An Ai Based Autonomous Learning Architecture With Minimal Human Intervention	Karimunnisa shaik Dr.Kalyanapu Srinivas Dr.Sunil Kumar Vinay agrwal Dr. Sunilkumar Ketineni	202641005405	19-01-2026	30-01-2026
30.	An Intelligent Eco-Friendly Dishwasher with Real-Time Load Sensing and Automated Resource Management	Dr. Badugu suresh Dr. Lakshminarayana kodavali Dr. Sathiyamurthy kuppuswamy Dr. Mani deep karumanchi Mr. P. Lokanadham Dr.Venkata Subbaiah desanamukula Dr.Nagalapuram kesava rao Mr.purushotham boodsu Mr.k.sathish Dr. P. Jaya prakash	202641004679	17-01-2026	30-01-2026
31.	System and method for revolutionizing cardiac care: harnessing artificial intelligence for early cardiac arrest detection	Vellanki Chandra Sekhar,, Dr. Guntapalli Minni, Durgada V L Prasanna, Pagalla Bhavani Shankar, Dr. Srinivasan Nagaraj,, Dr.g.s.jyothirmmai, Dr. Lowlesh Nandkishor Yadav Dr.ch. Asha Immanuel Raju	202641023906	27-02-2026	06-03-2026
32.	A Context-Aware Autonomous Circular Announcement Robot with Dual-Layer Modular Architecture and Adaptive Interaction System	Dr. Sri Silpa Padmanabhuni Dr. S. Saravana Kumar Penugonda Bala Vijaya Durga Dr. Venkata Maha Lakshmi N P.Surya Bharath Maddi Yagna Sree Adduri kavya Sri Harini Malleda Avanth	202641051821	23-04-2026	12-06-2026
33.	IoT-enabled sensor network for offshore large-scale recirculating aquaculture systems and method thereof	Mrs. G. Bharathi Dr. S. Ravi Chand Mr. P. Narasimha Rao Dr. N. G. S. Prasad Dr. B. Kishore Babu Ms. Kottalanka Uma Devi Dr. P. Hema Kumar Dr. Kalpana Devi Bai Mudavathu Meriga Kiran Kumar Konduri V N A S M Prasad	202641049629	18-04-2026	01-05-2026

AI & ML-04					
34.	An AI-driven personalized recommendation system with explainable machine learning for enhanced user experience	Johnwesily Chappidi Naathi Usha Rani S Md Shafi Dr.Ch. Vengaiah Dr.Chilukala Mahender Reddy Ramesh Poliseti P. Raghavendra Prasad Anup Ingle	202541073681	02-08-2025	05-09-2025
35.	Integrating AI and Cobots: Bridging Human and Machine Collaboration in Industry 5.0	Dr. S. Jayaprada Kestha Ravali Dr. Karan Babaso Patil B. Niveditha	202541094638	01-10-2025	28-11-2025
36.	Intelligent System and Method for Automatic Generation of Meeting Minutes Using Artificial Intelligence and Machine Learning	Dr. Poonam Kakkad Dr. I. Murali Krishna Dr. Poonguzhali M Dr. Kanaka Durga Returi Mr. Babu G Dr. Vanajaroselin Chirchi Dayananda Sagar	202621028089	10-03-2026	01-05-2026
37.	A System And Method For Real-Time Adaptive Traffic Signal Control For Emergency Vehicle Priority Using Yolo-Based Long-Range Detection And Iot Integration	Dr. Rajendra Prasad Banavathu Dr. S. Jayaprada Dr. Sk. Jameer Dr. S. Salma Asiya Begum Mr. P. Jagadeeswara Rao Dr. V. Siva Nagaraju Dr. John Wesily Chappidi Mr. Lalam Narendra Mr. M Pruthvi Raj	202641052659	24-04-2026	08-05-2026
ECE-15					
38.	Design of a compact dual-band symmetric 2×1 CPW-fed circular patch array antenna for WLAN applications	Dr. E. V. Krishna Rao Ptarun S. Shakthi Ram M. John Daniel B.harshitha Dr. Aravind Kumar Madam Dr. P. Pardhasaradhi	202641042299	02-04-2026	17-04-2026
39.	Implementation of Compact Monopole Slotted Patch Antenna System for Dual Band Wireless Communications	Janam Taruni Shaik Shahina Parveen Settipalli Vinoothna Kudumu Vara Prasad Bandi Alekhya E.V.Krishna Rao Ketavath Kumar Naik	202541061487	27-06-2025	11-07-2025
40.	Design of CPW-Fed Multi-Band Tagged Concentric Circles Patch Antenna for Wireless Applications	Dr. E. V. Krishna Rao P. Tarun S. Shakthi Ram M. John Daniel B. Harshitha Dr. Aravind Kumar Madam Dr. P. Pardhasaradhi	202641048481	16-04-2026	01-05-2026
41.	Design and Performance Analysis of a Compact CPW-	Dr. E. V. Krishna Rao M. Keerthi B. Supriya	202641036604	25-03-2026	10-04-2026

	Fed Meandered Slot Antenna for Wireless Communication	Ch Rupadevi Dr. Aravind Kumar Madam Dr. P. Pardhasaradh			
42.	A Quantum-Resistant Cryptographic Processing chip with Reconfigurable hardware logic and integrated physically unclonable function for secure post quantum IOT devices	Dr. P. Gowtham Mr. Pechetti Girish Dr. T. Jayasree Mrs. Pavani Kollamudi Mrs. V. Lalithamani Dr. C. Priya Dr. M. Venkata Ramana Mr. Ravishankar Chandrantrao Bhaganagare Mr. T. Md. Inthiyaz Ahammed Dr. S. Vinod Kumar	202641042125	01-04-2026	10-04-2026
43.	Artificial Intelligence-BASED Shortest Path Optimization System For Electric Vehicles in IOT-Enabled Smart Cities to Reduce the Energy Consumption	Dr.A.Gopinath Dr.S.Senthamaraiselvi R V Shanmathi S.Dharanika Bondili Siva Hari Prasad Dr. Pinkey Chouhan P. Nirmala Assistant Neeraja B Lecturer, Sonali R. Nandanwar R Gobu Keerthana G Pavan Prabhakar Vispute	202641035098	23-03-2026	03-04-2026
44.	Voltage Level Driven Short Circuit Aware Voltage Level Shifter for Deep Sub Micron Applications	Dr.K.Yoga Prasad Dr.Srinivasulu Gundala Dr.K.M.Hemambaran Dr.M.Mahaboob Basha Dr.O.Hemakesavulu	202641005477	19-01-2026	30-01-2026
45.	A Self-Adaptive Smart Education platform based on Machine Learning, IoT, Blockchain, and Cloud Computing for Continuous Skill	Dr B V N R Siva Kumar Prof.Khalid Ahmed Aldhorae Dr.Seema Patil Dr.Shobha T Dr.Rovin Tiwari Mr.Sachin Mohan Sase Dr.S.Janani Jigarkumar Dineshbhai Patel	202641004051	15-01-2026	02
46.	IOT-Integrated Machine Learning-Driven Graph-Optimized Medical Drone Delivery System Using Fast Root Optimization Over 6G Networks	Dr. Anand Kumar Dr. Prabakar D Dr. Kaleeswari C Senthil Kumar C Naresh Meruga B. Priya Raziyaya Khan Abdhur Rahman A Vuppuloori Ravi Sekhara Reddy Dr. Sri Jamiya S Kavirasu K N. Ashalatha	202641016749	16-02-2026	20-02-2026
47.	An IoT-Enabled System for Baggage Handling in Airports	Venkata Daya Sagar Ketaraju A.Narendra Babu	202541062294	30-06-2025	11-07-2025

	and Method of Operation	K.Raghava Rao M.Janaki Ramaiah			
48.	ML–Based Predictive Framework For Assessing Risk And Early Diagnosis of Inherited Genetic Disorders Using DNA Sequencing Data	Vimit Varghese Dr. Barkha Gupta Priyanka c Mohana Vallim Venkat Rao Pasupuleti Dr. Amit Chauhan Dr. Pranjali Bajrang Chole Prof. (Dr.) Avadhesh Kumar Koshal Dr. P. Jaya Prakash Dr Vishnu Kiran Manam T. Divya Dr. C. Kotteeswari	202541092941	27-09-2025	24-10-2025
49.	Systems and Method for a spatially Variant Generative Adversarial Network for Hyper Realistic image Super Resolution and Detail Enhancement	Dr. Dinesh G Mr.K.Navaneedhan Ms.B.Lakshmi Thirupathamma Mr.Langoja Krishna Chaitanaya Dr.Mamatha Sk Mrs.Karuna Kumari Mr.Kishore Dasari Mr.M.Ashok Nagasai Mr.Ravi Shankar Dr Naveen M George	202641040309	30-03-2026	10-04-2026
50.	An IOT Connected Smart Class room model for automated EFL skill evaluation using ML Algorithms	Dr.A A Jayashree Prabhakar Dr.C.Manja Dr.C.Karpagavalli Dr.R.Roshini Dr.Julius Irudayasamy Dr.R.Reka Bollu Jyothi Thejoroy Dasari M.Venkata Sudhakar Dr.Sohel Ibrahim Priyadarsini S	202641032480	18-03-2026	27-03-2026
51.	Office Assistant Robot	Dr B V N R Siva Kumar Dr K Rani Rudrama T Aravinda Maheswara Reddy P Rudra Reddy T Srija U Bhavana K Chaitanya Sree P Pushpa Lavanya	202641049335	17-04-2026	01-05-2026
52.	Secure Mobile Depositing System	Dr. B V N R Siva Kumar Dr. B.Y.V.N.R.Swamy U Bhavana	202641049336	4/17/2026	5/1/2026

		K Chaitanya Sree P.Pushpa Lavanya T.Aravind Maheswara Reddy P Rudra Reddy T Srija			
EEE-04					
53.	Automated Cleaning Mechanism to Improve Solar Panel Efficiency	Sharmeela Chenniappan, N. Malla Reddy, J. Ankamma Rao, P. Bharath Kumar, J. Sivavara Prasad , Srinivasarao Boddepalli, Thamatapu Eswara Rao, Guruvulu Naidu Ponnada Ganta Ganga Mahesh, Buddha Yaswanth, Gongada Hemanth Kumar, Kamaku Vivek Vardhan, Gavara Shyam Sai	202541102472	24-10-2025	19-12-2025
54.	Smart Energy Ecosystem using ML-Driven IoT Nodes for Predictive Electric Theft Identification and Load Integrity Management	Shilpa Raghuvanshi, Sagar Pandya , C. Mariyammal, Dhanalakshmi S, Dr. K.Ramalingeswara Prasad , Nandhini B, Dr. S.V.D. Anil Kumar, Dr. V. Srinivasan, L. Steffina Morin, Paramasivan Vignesh, M.Bhuvaneswari, S Nagoorkani	202521123000	05-12-2025	30-01-2026
55.	An Adaptive Sensor-Fusion Based Robotic Arm for Real-Time Crop Plucking in Smart Farms	Dr. Madhavi Mallam, Mr. B.C. Divakara, Dr. K. Ramalingeswara Prasad , Dr.Seema Srinivas, Dr. Siddalingesh Bandi, Dr. Preethi Sharma K, Mr. Tilak Kumar L	202641021540	24-02-2026	06-03-2026
56.	A system and method for optimizing power distribution using machine learning and predictive modeling	Penubarthi Sobha Rani	202641063456	19-05-2026	29-06-2026
IT-04					
57.	Intelligent Hrm Framework For Faculty Hiring In Higher Education Institutions Using Machine Learning	Shruthi G Buraga Srinivasa Rao Amit Joshi Dr Saumya Sharma A.Megala Dr Nandini L Mrs.L.Kanimozhi Dr. Soumitra Mondal Kungumaraj K Dr.D.Satheesh Kumar	202541066665	12-07-2025	25-07-2025

		Dr. Monika Dr Sureshkumar, Markanday Subramanian			
58.	Early plant leaf disease detection using CFSA-Optimized CNN with Transfer Learning	Chilakalpudi Malathi Sunilkumar Ketineni Sheela Jayachandran	202541068579	18-07-2025	25-07-2025
59.	System And Method For Non-Invasive Ai-Driven Fingerprint-Based Blood Group Recognition And Health Diagnostics	Banala Sarath Chandra Manubolu Rakesh Koritala Sravya Batchu Manasa Kondiboyina Sagar Chidella Vyshnavi Yeluri Harsha Vardhini Parri Srihari Bethu Kalyan Kumar Dr. Satyanarayana Talam Dr. Seelam Pichi Reddy	202641005029	19-01-2026	30-01-2026
60.	An Ai-Enabled Medicine Recognition, Verification, And Automated Dispensing Support System For Safe And Personalized Healthcare Delivery	Dr. Satuluri Naganjaneyulu Dr. Deepashree Rajendraprasad Mrs. Shruthi N Mrs. Sunkara Sushma Dr. Kanaka Durga Returi Mr. Manojkumar Gottimukkala Prof. Dr. Rajesh Kanthe Ms. M. Deepa Dr. Zamir Khan Dr. Sanjana Prasad	202541133016	29-12-2025	09-01-2026
ME-12					
61.	Microstructural and Hardness Characterization of Hot-Deformed AZ61 Magnesium Alloy	Dr. Vinod Kumari Dr. Siva Sankara Babu Chinka Bhupinder kaur Sukumar N Dr. B. Kavitha Dr. M. Vijay Anand Daniel Durai Raj Cromwel Thomas Dr. S. Navaneethakrishnan Dr. G Vijayakumar Dr. S. Devi	202611007065	23-01-2026	06-03-2026
62.	An Intelligent Pollution Monitoring And Automated Control System Using Machine Learning For Smart Cities	Dr. Buddhghosh Arjun Shingade Shyam Patel Dr.Siva Sankara Babu Chinka Dr. Rani Venkata Satya Praveen Ravi Teja Aida Venu Pantangi Anant Varma Dr. P. SumalathaShantanu Ashutosh Fadnavis Dr.K.P.Yuvaraj	202621009544	30-01-2026	13-03-2026

		Dr Saurabh Sanjay Joshi Ramireddy Siva			
63.	Microbial Nanobiotechnology Process For Biosynthesis Of Metal Nanoparticles	Dr. A. Geetha Anurag Singh Dr. Sneha A. Nanwatkar P Ravindra Kumar Dr. Divya Jyoti Mishra Dr. Prakash Dubey Dr. Jyoti Bhadauria Ramprasad Dinaji Dhage Margaret Priyanka Gade Ms. Monika Sahu	202641030062	12-03-2026	27-03-2026
64.	Intelligent Edge Computing-Driven Lubrication and Thermal Regulation System for High-Efficiency Mechanical Assemblies	Dr. Akash Doomra Malkapuram Devaiah P Ravindra Kumar D. Vinoth Raj Dr. Sharad S. Chaudhari Dr. A. B. Khansole Dr. R. H. Shinde Dr. Ramakrishnaiah Dr. R G Padmanabhan Lt. Dr. A. Joseph Arockiam	202611048274	15-04-2026	29-05-2026
65.	Curriculum Reforms And Their Effect On Skill-Based Education	S. Kavitha J. Faustina Mr. Vishnu Singh Dr. Prakriti James Dr. V. Dhana Raju Dr. Dipali Bapurao Chirange Dr. Abhijit Shankar Mali Mr. Yogesh Dattatray Kadlag Sohel Ibrahim Shaikh K. V. S. N. Jawahar Babu Anuradha Gohad	202641021618	24-02-2026	06-03-2026
66.	Solar assisted atmospheric water generator	Dr.timmidi Naagadurga, Dr.V.dhana Raju, Dr.m.b.s.sreekara Reddy, Mr.r.anjaneyulu Naik, Dr.katuru Bala Prasad, Dr N Rajesh Babu, Dr B Sreenivasa Raju, Mrs.t.sumalatha,	202641043494	06-04-2026	17-04-2026
67.	Artificial Intelligence-enabled real-time traffic signal optimization method using smart-city sensors	Dr. Rajeev Dahiya Dr. R. Saranya Dr. Santhosh S Ms. C. Sandhiya Ms. D. Sujeetha Govindarajulu Eedara Perumalla Vijaya Kumar Ms. M. Mahabooba Dr. Sumanth. S M Muthamizh.Selvam Dr. Ramprasad N	202511123265	06/12/2025	23/01/2026
68.	Ai-driven intelligent cnc machining system with predictive	Mohanprabu Mysamy Sankararao Vinjavarapu Dr. K. S. Karthi Vinith	202641063943	20/05/2026	29/05/2026

	optimization and adaptive process control	Dr. B. Dhanasakkaravarthi Dr. Shailendra Kumar Bohidar Dr. Gopala Rao Thellaputta			
69.	A Universal Adaptive System And Mechanism For Multi-Domain Machinery Applications	Mr. Sankararao Vinjavarapu Dr. Kalapala Prasad Dr. Shashank Vasant Divgi Dr. T. Vinod Kumar Dr. Rohit Agrawal Mr. K. Pravinkumar	202641021498	23-02-2026	06-03-2026
70.	System and method for unified, real-time healthcare information access to improve patient outcomes and efficiency	Solige Pullaiah K Lakshmi Prasad Bhooma Navyasree	202641062310	16/05/2026	29/05/2026
71.	A smart adaptive vibration monitoring and control system for industrial machinery using hybrid sensor fusion and real-time feedback optimization	Dr. S. Perumal Sankar Dr. M. Thirumalaimuthukumaran Mohan Dr. Sudheer Kumar Battula Mr. A Sathish Kumar Mr. B. Tamilvanan Dr. P. Vijayakumar S. Muthuvel	202641042475	02/04/2026	17/04/2026
72.	Snail shell Powder addition to Al alloy developed a surface composites through FSP	Dr.Md.Ahasan Dr.Murahari Kolli Kosaraju Satyanarayana Dr Aruri Devaraju Dr ch. Shashikanth	202641072825	12-06-2026	19-06-2026
FED-05					
73.	System and Method for Optimizing Computational Fluid Dynamics Simulations Using Advanced Mathematical Modeling and High-Performance Computing	Siddesh Babu Dr.Md.Shamshuddin Dr.R.Swetha Dr.K.R.Kavitha Dr.M.Rupa Lavanya Dr.K.Mamatha Dr.G.Jaya Lalitha Dr.Chillara Soma shekar Dr.K.Madhusudhan Reddy Dr.Sivaiah Sreeramula	202541075973	09-08-2025	05-09-2025
74.	Enhancement Of Undergraduate Students Language Competence Through Pragmatic Practices	Dr.sk,Rihana R.Deepa Dr.M.K.Padmalatha K. Samaikya	202541057896	04-07-2025	17-06-2025
75.	Machine Learning Framework for Gender-Inclusive Language Assessment	Dr. S. Shanmuga Priya, Mrs. Kanulla Sridevi Dr. Shagufta Parween Dr Ch Rajaniprashanth	202641046811	12/04/2026	24/04/2026

	in Academic and Professional Communication	Dr. Shirisha Deshpande, Dr. Atul Narayan Choure Dr. Avula vijayalakshmi Dr. P. Basheer Khan			
76.	System for Workplace Communication Standardization using English Language Compliance Detection Modules	Dr. B. Anitha, Dr. Shaguftha Parween, Dr. Samrajya Lakshmi , Dr. Hanmant Ashok Metkari, Dr. Shirisha Deshpande, Dr. V. Ashok Kumar, Dr. D. Sudhakar Reddy, Dr. Indrani Merugu.	202641068155	30-05-2026	05-06-2026
77.	A Novel Response Surface Method-Based System and Process for Optimization of Unsteady Micropolar Nanofluid Flow over Stretching Surface	Dr. G. Charan Kumar Dr. D. Ramesh Dr. K. Jhansi Rani Dr. Gudala Balaji Prakash Dr. K. Kondala Rao Dr. K. Lakshmi Narayan Dr. Anuradha M. N. L Mr. J. Govardhan Gorla Venkata Ganesh	202641074903	17-06-2026	26-06-2026
MBA-10					
78.	Artificial Intelligence-Based Design Framework for Diamond Fractal MIMO Antennas in Ultra-High-Frequency 6G Networks	Allanki Sanyasi Rao Amit Joshi Narayan Krishan Vyas Dr. R. Jeyalakshmi ; Dr. Anirban Neogi Penki Rohit Datla Rajitha Vemulapati Pavani Thota Jyothi Kumari Dr. N. Chidambararaj R. Anand; Subhasheni A	202541071213	26-07-2025	01-08-2025
79.	Machine Learning-Powered Cloud Security Framework for E-Commerce Platforms with Integrated Behavioral Analytics	Ankur Jain Dr. Reena Prashant Shinde Dr. Sahebrao N. Shinde Kruthi V P Mrs. Yaramala Nagamani P. Bushra Anjum Dr. C. V. Lakshmi Narayana Dr. Deepak Sundrani L. Panneer Dhas Dr. K. Senthil Prakash Dr. V. Prabakaran B. Mohanapriya	202511075980	09-08-2025	29-08-2025
80.	Recognizing Sociocultural Competencies in Social Entrepreneurship through Machine	Dr. Hemant Pal; Dr. Sanjeev Gour; Dr. Sam Sangeeth G; Dr. Harmanpreet Kaur; Dr. K. Deepika ; Dr. K. Sunanda;	202521078819	19-08-2025	05-09-2025

	Learning in Higher Education	Dr. Krishan Kumar Kumawat; Punitha Gowri R; Dr. Soumitra Mondal; Dr. B. Senthilnayagi; Prof. Prashant Adsule; Thulasimani T			
81.	ML, IoT and Big-Data Driven System for Predicting and Enhancing Entrepreneurial Potential among Higher Education Students	Dr. Pandurang Tukaram Pawar; Mannem Srinivasa Chakravarthy; Latha M; Komal S; Dr. Shaik Balkhis Banu; Dr. K. Nanthitha; Dr. Abhishek Kumar Mishra; Dr. Sureshkumar Markanday Subramanian; Vandana Bonu; Dr. R. Murugesan; Dr. Rekha Tiwary; Dr. Vivekanand Pandey	202521072281	29-07-2025	05-09-2025
82.	ML-Powered Predictive Analytics for Academic Performance and Psychological Behaviour among Students in Higher Education	Raghavalu Ramella; Dr. Rakesh Ashok More; Dr. A. Adishesha Reddy; M. Goverdhana Reddy; Mr. M. Nandhakumar; Dr. Deepak Sundrani; Kajal Srivastava; Dr. Soumitra Mondal; Banavathu Ramyasree; Dr. Pushpalatha L; Dr. J. Krishna; Jeyaprakash N	202541087924	16-09-2025	10-10-2025
83.	Machine Learning-Driven Analysis of Internet and Social Media Addiction and its Influence on Academic Outcomes and Cybercrime	Dr. Satyanarayana Ramella; Dr. Vidhya Samad Barpha; Dr. Naresh Ogirala; Dr. Rakesh Ashok More; Sumita Kumar; Vijaybabu D; Dr. Vaddi Seshagiri Rao; Dr. Deepak Sundrani; Dinesh Malviya; Abhendra Pratap Singh; Rachna Chandra; Prof. Prashant Adsule	202541090726	23-09-2025	24-10-2025
84.	Hybrid Machine-Learning-Driven Predictive Model for Dynamic Pricing and Consumer Purchase Behavior in E-Commerce Platforms	Rama Swamy Palla; Eti Khatri; Dr. S. Karunakaran; B. Kalyan Kumar; Bharathi V Kalmath; Dr. Kandavalli Michael Angelo; Shruti Sharma; Dr. Kshatrapal Singh; K. Manasa Lakshmi; Manoja R; Dr. P. Kathavarayan;	202541093288	29-09-2025	31-10-2025

		Abhendra Pratap Singh			
85.	Intelligent IOT-enabled machine learning system for environmental pollution-based early cancer detection in smart cities	Dr. Hemant Pal, Dr. Rakesh Sharma, Gummala Divya Kumari, R Punitha, Mrs. Kalyani Ruturaj Patil, Dr. D. Venkateswarlu , Ram Prasad Chakraborty, Angelin Kiruba P, Sk Mofizul Haque, Saranya S, Dr. Ananda A, Dr. Jalli Ravi Kumar	202621020491	21-02-2026	10-04-2026
86.	ML-enhanced mathematical utility model for share market forecasting	Dr. Prathipati Suneetha – Dr. Sudhakar Dr. Sreedevi Agastyaraju – Kalpana S Urvashi Manav Rachna Dr. Shanti Swarup Dubey Dr. Vinod Kumar Dr. V. T. Krishnaprasath Dr. Undabatla Rambabu Subham Pankaj Samantaray S. Nadhiya R. Akbar Ali	202541128183	17-12-2025	02-01-2026
87.	Machine learning framework for real-time logistics path optimization in e-commerce supply chain networks	Dr Padmaja Pulicherla, Dr Angotu Nageswara Rao, Radhika Rajesh Nikam, Dr. Lavanya P B , Bethi Saiteja, Chintolla Surekha, Dr. I. James, Dr. C. Sankar, Dr. Priyanka Sahni, Adarsh Kumar Ippili, Banushri A, Pooja Singh	202641052224	24-04-2026	08-05-2026
DESIGN PATENTS					
88.	Artificial Intelligence Based Heart Rate Monitoring Device for sports training	Dr. Duggineni Veeraiah , Dr. G. Ganesh Kumar, Dr. Manoj Kumar Tiwari , Dr.M.Ramakrishnan , Dr. Aniruddha Subhashchandra Rumale, Dr. Shailaja Nilesh Uke, Dr.R.E.Ugandar Dr.K.Akila	461012-001	02-06-2025	10-10-2502
89.	Hybrid Solar-Wind Electric Vehicle Charging Station	Dr. Somarouthu Venkata Govardhana Veera Anjaneya Prasad, Dr. Padmesh Medesety, Dr. Samraat Sharma, Dr. Rupak Kumar Deb,	6474514	23-09-2025	01-10-2025

		Dr. Gudipudi Nageswara Rao, Prakash Karuppusamy, Muthurajan Subramoniam, Dr. Angesh Chandra, Dr. Karthi Varatharaj, Dr. Rajat Upadhyaya			
90.	Radioactive Materials Handling Mechanical machine	Dr. Dilip Kumar Dr.D Sarukasan, Dr. Siva kumar Karthikeyan Dr.K.P.Boopathi Raja Dr.S.Arvind Dr.Shashank Vasant Divgi	493593-001	05/03/2026	06/05/2026
91.	Smart Energy management device for indoor farming	Ayush Vashisth Dr. Smruti Gantayat Dr Biswajit Mohapatra Mr. Jonnala Subba Reddy	461475-001	06-06-2025	19/06/2026
92.	AI-Based Robot for Industrial Material Handling	Dr. Shashi Ranjan Mohan, Pooja Jaiswal , Ms. Mithlesh Rathor, Abdul Rahman Bin Senathirajah, Dr. Thiravidamani Kumuthavalli, Dr. Boddupalli Venkata Naga Raja Siva Kumar, Dr. Tarun Kumar Tayal, Dr. Manisha Priyadarshini	6523001	28-04-2026	11-05-2026
93.	Deep learning based apparatus for tactile language learning	Dr. Velmurugan pavanan, Dr. S.brindha, Dr. Syed wahaj mohsin, S. Sharmila, Dr. Kavitha r, Mr. S.V.V.D.Jagadeesh, Mr. Sheik jamil ahmed, Dr. A.kannagi, isha das, dr. D.revathi	463305-001	6/24/2025	9/19/2025