

Research and Development Cell (RDC)



SIDDHARTHA
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Kanuru, Vijayawada - 520 007, AP. www.vrsiddhartha.ac.in

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List of Patents 2024-25

S.NO	Title	Ref.No	Patent Filed Date	Published/Granted date If any	List of Applicants	Status (Published/Granted)	IPR Type
1	Portable Solar Powered Sanitary Napkin Incinerator	441922-001	25/12/2024	27/02/2025	1.Maloth Charan Lal 2. Dr. Vinay Kumar Gaddam 3.Ogirala Srinivas 4.Uppari Anil Kumar 5.Ele Sree Lakshmi	Granted	Design
2	Solar Powered Water Treatment System	441923-001	25/12/2024	27/02/2025	1.Uppari Anil Kumar 2. Dr. Vinay Kumar Gaddam 3.Manam Subbarao 4.Maloth Charan Lal 5.Ele Sree Lakshmi	Granted	Design

3	Solar based atmospheric water supply system	418540-001	30/05/2024	11/12/2024	1. Dr. Vinay Kumar Gaddam 2. M. Harish Nag Sai 3.Maram Kuladeep Venkata Mani Kanta 4.Movva Meghana Sai 5.Ele Sree Lakshmi 6.Rahim	Granted	Design
4	Concrete Mixer	441188-001	19/12/2024	10/03/2025	1.Dr. Parvathidevi A 2. Mr. U.V. Narayana Rao	Granted	Design
5	AI Powered Drone for Remote site survey and mapping	443262-001	06/01/2025	11/2024	1. Dr. T. Sujatha 2. Dr. Ajim Shabbir Sutar 3. Harshit Prashant Dhawalkar 4 Dr. G. Sree Lakshmi Devi 5. evendra Dohare 6.Mr. S.V. Harischandra Prasad 7.Mr. Rakam Abhinay 8 Dr. M. Samuel Thanaraj 9 Dr. C. Venkata Siva Rama Prasad	Published	Design
6	AI Based Traffic Cone with Integrated GPS and LED Alerts	450205-001	03/03/2025	12/06/2025	1. Satish Sajja, 2.Dr. Ajim Shabbir Sutar 3 .Dr. S Raja Gopal Reddy 4. Mr. Sadanand Kumar Prasad Sahu 5. Mr. Siddharth Shankar Jadhav 6. Dhanashetti Amruta Ganapatrao 7. Shubham Chauhan 8.	Published	Design

					Darshan PareshKumar Joshi 9. Dr. C. Venkata Siva Rama Prasad 10. Ahmad Alyaseen		
7	MultiLingual Translating Mike Device	420327-001	17/06/2024	30/07/2024	1. Dr. Patnala S. R. Chandra Murty 2. Dr. Chinta Anuradha 3. Dr. Deena Babu Mandru 4. Dr. T Srikanth 5. Dr. A.Athiraja 6. Dr. G. Rami Reddy 7. Dr. N.Rajeswaran 8. Dr. Hemanth Kumar Narsetti 9. Dr. P. Siva Kumar 10. Dr. P. Sateesh	Published	Design
8	Dynamic Monitoring of bridge scour under heavy water	202341011002	17/02/23	23/08/2024	1 . VEDULA, Prabhakara Rao Venkata Naga 2 . PENNERU, Narasiah Naidu Venkata 3 . GODAVA, Anuradha	Published	Utility

					4 . SHAIK, Fathimabi 5 . NARRA, Malathi 6 . PALLIKONDA, Suhasisni Sarah		
9	MACHINE LEARNING- DRIVEN HEALTH RISK PREDICTION TOOL FOR OBESITY AND LIFESTYLE-RELATED DISEASES	202441103720	27/12/24	3/1/2025	1 . Dr K GUNASEKARAN 2 . Dr. T. MEENA 3 . Dr P DHANAVANTHINI	Published	Utility
10	A SENSOR-BASED DRIVER SAFETY SYSTEM WITH MITIGATION OF HEALTH RISKS IN VEHICLES	202441045899	13/06/2024	03/01/2025	1 . Velagapudi Ramakrishna Siddhartha Engineering College 2 . Chandra Raga Madhuri 3 . Neelaiahgari Girivenkata Saitej 4 . Vanapalli Satya Sumanth	Published	Utility
11	Tiget tracking and classification system using deep learning and edge device integration	202441092508	27/11/2024	29/11/2024	VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY (Applicant) Ravi sankar puppala (Inventor)	Published	Utility

12	An Augmented Reality-Based Method For Exploring And Preserving The Weaving Heritage Of Sarees	202441052952	11/07/2024	06/12/2024	Velagapudi Ramakrishna Siddhartha Engineering College deemed to be University Ch. Rupa M. Madhu Harshitha M. S. Vineetha	Published	Utility
13	Ornithopter: Unmanned Remote Control Aerial Vehicle For Intruder Detection	PCT/IB2023/062763 Publication of WO2025032370A1	15/12/2023	13/02/2025	Ch. Rupa, Rishika, Akhil, Vivek	Published	WorldWide - PCT
14	System and Method for Enhancing Images to Detect and Count Objects	202041000554	06/01/2020	13/05/2025	VELAGAPUDI RAMAKRISHNA SIDDHARTHA ENGINEERING COLLEGE (Applicant) KONERU SUVARNA VANI (Inventor) ARUL RAJ M (Inventor) PADMAJA M (Inventor) PRAVEEN KUMAR KOLLU (Inventor)	Granted	Utility

15	Design and High Performance Broad band Microstrip patch antenna for 5g communication	202441060422	09-08-2024	16-08-2024	Dr. Ch. Raghavendra	Published	Utility
16	EXPIRY INDICATION SYMBOL FOR MEDICINE BLISTER PACKAGING	438765-001	28-11-2024	-	Dr Venkata sainath gupta T, Dr. Ishan srivatsava, Dr G Suryanarayana, Dr K shri Ramtej	Filed	Design
17	A SYSTEM FOR MONITORING OF BRIDGE SCOUR UNDER HEAVY WATER FLOW	202341011002	17-02-2023	23-08-2024	P. Suharsini	Published	Utility
18	Deployment of Circular Shaped Patch Antenna System at High Gain Signals for IoT and WirelessNetwork Applications	202541010482	07-02-2025	14-02-2025	Ketavath Kumar Naik	Published	Utility
19	AI based Heart Disease Prediction Device	6359569	14-04-2025	25-04-2025	Koti Lakshmi Aruna	Published	Design
20	Design and Anlaysis of Quasi BINOMINAL	202541037450A	17-4-2025	19-5-2025	Dr. Ch. Raghavendra	Published	Utility

	series array antenna for millimeter wave for 5G Applications						
21	A Method Of Generating And Supplying Electricity From Sea Water	202441079106	10/17/2024	10/25/2024	Mr. Polepogu Rajesh Dr. J. Lakshmi Narayana, Dr. Pushpendra Kumar etc..	Published	Utility Patent
22	A Distributed Network For Renewal Energy Sources Using Remote Control System	202541004598	1/20/2025	1/31/2025	Mr. Polepogu Rajesh	Published	Utility Patent
23	Machine Learning And Image Processing For Plant And Disease Detection To Improve Agricultural Yield	202541018130	2/28/2025	3/14/2025	Dr.Sumalatha Akunuri	Published	Utility Patent
24	Analysis Of A Low-profile Penta Band BPF Using Ring Resonator For Multiband Applications	202441091343	11/23/2024	29/11/2025	Dr.Paruchuri Srinivas	Published	Utility Patent
25	Design And Development Of Swastik Shape Antenna	202441047989	6/21/2024	6/28/2024	Dr. Sushma Chowdary Polavarapu	Published	Design Patent

	For Wireless Applications						
26	A Method For Predictive Analytics In Retail Using Iot Sensors	202541019470	03/04/2025	3/21/2025	Mr. Polepogu Rajesh	Published	Utility Patent
27	Ai-driven Decision Support Data Processing Device For Supply Chain Optimization	6415679(UK)	01/05/2025	02/01/2025	Mr. Polepogu Rajesh	Published	Design Patent
28	Efficient Power Converter Control Methodology for Electric Vehicle Drives	202441046672	18/06/2024	21/06/2024	1 . Dr. Indira Damarla 2 . Dr.M.Venmathi 3 . Dr.N.Booma 4 . G. Annie Nancy	Published	Ordinary
29	Smart Grid Monitoring System Using AI for Real-Time Fault Detection and Load Management	202441083650	01/11/2024	08/11/2024	1 . Dr. S. Prathiba 2 . G. Annie Nancy 3 . Indira Damarla 4 . Venmathi Mahendran 5 . Booma Nagarajan	Published	Ordinary
30	Dynamic Monitoring of Bridge scour under heavy water flow	202341011002	23/8/2024	23/8/2024	V. Prabhakar Rao Dr. Shaik Fathimabi Narasaiah Naidu P G. Anuradha,	Published	Indian patent

					N Malathi P. Sarah Suhasini		
31	IoT Enabled Cybersecurity Intelligence Device	423830-001	19/07/2024	29/08/2024	Dr E.Laxmi Lydia Dr Srinivasan Arumugam S.R.Sylaja Vallee Narayan Dr. Jagdeep Singh Nitiraj Kulkarni Dr. Chilukuri BalaVenkata Subbarayudu Dr N.Nagabhooshanam	Published & Accepted	Indian patent (Design)
32	Advanced Cyber Threat Detection Using AI and Image Processing Techniques	202441054901 A	18/07/2024	02/08/2024	Dr.A.Srisaila, Mr. Samrat Krishna Gaddam , Mr. Naga Prasada Rao Thota, Dr. Katakam Venkateswara Rao , Mr. Ranganadha Rao. Goli, Mr. Nikhilesh Katakam, Dr. Ganji Ramanjaiah, Mr. Ananda Babu Rudrubati	Published	Indian patent
33	Blockchain technology in marketing opportunities and challenges	202441057257	29/07/2024	02/08/2024	Dr M.Ramesh Dr M Sharma Sudharshan Dr Sdb Ali Dr Sahoo Lokesh	Published	Indian patent

34	Block chain Technology For Secure Cloud Data Storage And Sharing	202441056469	25/07/2024	02/08/2024	Madhavi Katamaneni Ms. Madhavi Kishor Chaudhari Chandra Prakash Katare Omprakash DN Murali Krishna Rao Bhavani Viyyapu Pankaj Kunekar	Published	Indian patent
35	Secure Multi-Tenant Cloud Storage Using Decentralized Blockchain Frameworks	202541009063 A	04/02/2025	14/02/2025	Geetha Guthikonda Shraddha Satish Kashid Dr.M.Renuka S. Sathya Priya Dr. Alpesh Arvindbhai Vaghela V Meena B.Gunasundari	Published	Indian patent
36	Artificial Intelligence Based Usb Device For Managing Multiple Smart Devices	439388-001	03/12/2024	12/03/2025	Mrs. MADHAVI LATHA PANDALA Mrs. SNEHA N P Mrs. SUPREETHA H H Mr. JAWAHAR JONATHAN K Mrs. SONIYA R Dr. SUBASH CHANDRA BOSE JAGANATHAN Dr. V. PANDIMURUGAN	Published	Indian patent (Design)
37	Determine Malicious Attacks With Real Time Iot Devices To Analyse Their Vulnerabilities With Leveraging Deep	202441105061	31/12/2024	17/01/2025	S.KRANTHI Dr.S.M.SHAMSHEER DAULA JHANSI RANI METTU S.SARAVANAKUMAR Dr.I.JEYA DAISY Dr.G.RAMESH	Published	Indian patent

	Learning Techniques				Dr.V.DINESH KUMAR		
38	AI for Big Data Analytics in Supply Chain Management	202541006687	27/01/2025	7-2-2025	Ch. Nanda Krishna Pradeep Sharma Dr. Puran Chandra Tewari G. Twinkle Geojini	Published	Indian patent
39	Malicious Attack Detection In Real Time IOT Devices Will Assess Their Vulnerabilities Using Deep Learning Algorithms	202541027595	25/03/2025	11/04/2025	K.Pranathi Dr. Ajay Jaiswal Ashok Ram. P Manju Bagga Dr.R.Kotteeswaran Dr.R.Thiagarajan kanchan kamlesh Ingale V.Balaji Vijayan V.Anithalakshmi	Published	Indian patent
40	IOT-Integrated Real Time Consumer Engagement System for Digital Marketing Campaigns	202541021925	11/03/2025	21/03/2025	Anuradha.T Praveena Nuthakki Dr. Apoorva Joshi Mr Kuldeep Tiwari Ms Radha Tiwari Manjula KA M.Madhavi Dr V Seethalakshmi Ms Raghavi S Dr. Sumana De	Published	Indian patent

41	Privacy-Preserving Auditing Mechanism for Cloud Computing Services	202541028192 A	25/03/2025	25/04/2025	Dr.A.Srisaila, Dr.T.Srinivasa Ravi Kiran, Mrs. Koneru Anitha, Mr. S. Tulasi Prasad, Dr. T. Anuradha, Mr. Gudivada, Venu Gopal Rao, Dr. Ganji Ramanjaiah	Published	Indian patent
42	Cloud-Integrated System And Method For Health Diagnostics Using Iot Biomedical Devices And Machine Learning	202541043151 A	04/05/2025	30/05/2025	1) Bolisetty Sreelatha 2)V.S.N. Murthy 3)Chitturi Satya pavan kumar 4)Vishwajit K Barbudhe 5)RVS Praveen 6)Dr.K.Swapnika 7)K.Swanthana 8)Jasmine Mystica K 9)Dr. T. Arunkumar 10)P. Subhash Chandra Bose 11)P. Srikanth Reddy 12)Mrs. Jaya Das	Published	Indian patent
43	Cybersecurity Framework for Protecting Student Data and Privacy in Educational Technology Platforms Using AI	202541024584	19/03/2025	28/03/2025	Dr.k.Sita kumari, Dr. Dipika Birari, Dr. Suraj Rajaram Nalawade, prof Kavita Arakeri, Mrs. Himgouri Omkar Tapase, Suguna.M, Dr. Brajesh Kumar, Dr. R. Elavarasan, Ankit Kumar, Dr. Manoj kumar	Published	Indian patent
44	A System and Method for Mathematical Modelling in	202441062339	17/08/2024	23/08/2024	Jayaprakash Sunkavalli Dr. K J Ghanashyam Dr. Vimala T	Published	Indian patent

	Optimization and Decision Making for Engineering and Business Applications				Sridevi Sakhamuri Rakesh Ranjan Ketan Anand		
45	Dynamic Load Balancing Algorithm For Optimized Performance In Distributed Cloud Systems	202541053881 A	03/06/2025	13/06/2025	Dr. Y. Sangeetha, Dr. Kavita D. Hanabaratti Dr. Sonagiri China Venkateswarlu Mr. Ramesh Chandra Aditya Komperla Prof. Dr. Rudra Mrs. Madhuri Nakkella Mrs. Suganya. P Mr. Saharsh Gera Dr. P. Poonkodi Mr. Dharavath Veeraswamy	Published	Indian Utility patent
46	Customizing Leadership Development Programs With Ai	202541057849	16/06/2025	27/06/2025	1 . Madhavi Katamaneni 2 . Dr. Priyanka Gupta 3 . Dr. Gawaraja Suthar 4 . Dr. Harshitha Y S	Published	Indian Utility patent
47	Personalized Employee Development With Machine Learning	202541057840	16/06/2025	27/06/2025	1 . Y Kalyan Chakravarti 2 . Dr. Aruna Battur 3 . Dr. Swapnil Undale 4 . Dr. Manjushri Janardan Yadav	Pulished	Indian Utility patent

48	Object Detection in Extreme Dark Conditions	202441050219	01/07/2024	23/05/2025	M.Sumalatha A.N.Phani Deepthi G.Dilli Babu M.Bala Chennaiah K.Pranay Rahul	Published	Utility
49	Ai based robotic surgery method and process	202441051119	04/07/2024	12/07/2024	B Supraja Reddy	Published	Utility
50	Evaluating faculty performance using machine learning: impact of teaching methods on student learning skills	202441064882	28/08/2024	06/09/2024	V Sudheer Kumar	Published	Utility
51	lot-and machine-learning-driven traffic management systems for next-generation smart cities	202441087363	13/11/2024	22/11/2024	Siva Prasad Kolluri	Published	Utility
52	Logitrack: gps-enhanced tracking control	202541000598	03/01/2025	10/01/2025	K.Ramanaiah A. V. Ratna Prasad	Published	Utility

53	Optimizing financial security: cloud ai and machine learning in risk management and fraud detection	202441091383	23/11/2024	06/12/2024	Veernapu Sudheer Kumar	Published	Utility
54	Semi automated spot and grab harvesting arm	202341041075	16/06/2023	05/07/2024	A.N.Phani Deepthi M.Sumalatha	Published	Utility
55	Machine learning-based advanced image processing system for early detection and classification of breast cancer	202541036338	15/04/2025	09/05/2025	Venkata Kiran Kumar R	Published	Utility
56	Ai-powered irrigation systems transforming agricultural water management with predictive analytics and smart sensor networks	202541044856	09/05/2025	30/05/2025	Venkata Kiran Kumar R	Published	Utility
57	Integrating machine learning and iot for sustainable soil management and	202541043156	04/05/2025	30/05/2025	Venkata Kiran Kumar R	Published	Utility

	manure-based soil enhancement in smart agriculture						
58	An ai-powered auto-grading system to minimize teacher workload and enhance academic performance in higher education	202541037871	20/04/2025	16/05/2025	Venkata Kiran Kumar R	Published	Utility
59	Predictive modeling of sunlight-induced photocatalytic degradation with bifeo3 nanoparticles using machine learning	202541047859	17/05/2025	30/05/2025	Venkata Kiran Kumar R	Published	Utility
60	Convolutional neural network(cnn) based computer device for student career forecasting	6444523	15/05/2025	23/05/2025	Venkata Kiran Kumar R	Published	Design
61	Ai-enabled stress monitoring and alert device	6438984	22/04/ 2025	01/05/2025	Venkata Kiran Kumar R	Published	Design

62	Intelligent system for digital image forgery detection using machine learning and artificial intelligence techniques	202541056864	13/6/2025	27/6/2025	Venkata Kiran Kumar R	Published	Utility
63	Intelligent agricultural decision support system for soil classification and fertilizer optimization using machine learning	202511051476	29/5/2025	13/6/2025	Venkata Kiran Kumar R	Published	Utility
64	Early detection and intervention of social media addiction using machine learning	202541055037	7/6/2025	13/6/2025	Venkata Kiran Kumar R	Published	Utility
65	Integrating machine learning and iot for sustainable soil management and manure-based soil enhancement in smart agriculture	202541043156	4/5/2025	30/05/2025	Venkata Kiran Kumar R	Published	Design
66	Deployable Sensor Device for Natural	6449978	9/6/2025	26/6/2025	Venkata Kiran Kumar R	Grant	Design

	Disaster Detection						
67	Portable solar powered reverse osmosis system	202541056864	28/06/ 2025	01/07/2025	G. Jamuna Rani P. Gopinadh Chowdary	Published	Utility
68	A digital Financial device Forecasting and Analysing stock Transactions	417817-001	23-05-24	15-07-24	Dr.N.Sailaja, Jaya Lakshmi, S.Ravi Kishan,	Grant	Design
69	Adaptive E-Learning System For Leadership And Organizational Behavior Training	202541028204		25-03-25.	Dr. N. Sailaja, Dr. K. Pragathi	Published	Utility
70	Sensor based augmented Reality Glasses with Adjustable Lenses	Design number 6383998	10 August 2024	19 August 2024	Mrs. Xma Rahul Pote, Raghuveer Katragadda, Ms. Josephine Mary Juliana Michael Benno,	Grant	Design
71	Sign Translation Using OPEN CV	202441094541	02-12-2024	06-12-2024	Dr.K.Parish Venkata Kumar, B.Srinivas, B.Lakshmi	Published	Utility
72	AI-driven decision support data processing device for supply chain	6415679	05-01-2025	29-05-2025	Dr. K. Parish Venkata Kumar	Granted	Design

	optimization						
73	IOT Based Neuro-Feedback Wearable	443272-001	06-01-2025	26-03-2025	Mrs.B.Lakshmi, Dr.K.Parish Venkata Kumar	Granted	Design
74	Machine Learning and IOT-Based Smart Crop Monitoring and Disease Detection System	202541018173	01-03-2025	14-03-2025	Mrs.B.Lakshmi, Dr.K.Parish Venkata Kumar	Published	Utility
75	AI-enhanced Cloud Platform for IOT-connected Medical Devices in Real-time Patient Care	202541040760	28-04-2025	23-05-2025	Mr.J.Hari Krishna	Published	Utility
76	Innovative cancer disease analysis via adaptive line graph-based contrastive learning for biomedical interactions	202441064354	26-08-2024	30-08-2024	1.Dr.Chagarlamudi Kavitha 2. Dr.rashmi Mohapatra 3.R.Gayathri 4.Dr.Vididha Mishra 5. Dr.Sushant Kumar 6. Dhananjay Shantaram power 7. Dr.Sumanta Bhattacharya	Published	Utility

					8. Dr.Amit Chauhan 9. Mary Anitha T 10. Seepuram Srinivas Kumar 11. Jeyaprakash N 12. Dr.U D Prasan		
77	Innovative Characterization Techniques for Copper Oxide Nanoparticles and Their Practical Uses	202441104655	30-12-2024	10-01-2025	1. Dr.M. Durga Bhavani 2. Dr. M Pwadekar 3. Dr. Millind Shamrao Thakare 4. Mothi Krishna Mohan 5. Mr. Nobi K Daniel 6. Dr. G.Sasikumar 7. Dr. Mannam Subba Rao 8. Mrs. Dipannita Karmakar 9. Dr.S.Gnanam 10. Dr. Raj Kumar Gupta	Published	Utility
78	Implementation of ai in agriculture through machine learning and iot for advanced plant	202541003947	17-01-2025	31-01-2025	1)Dr C. L. Monica 2)Dr P. Chellammal 3)Arijit Sarkar	Published	Utility

	disease detection				4)Dr P Chandra Sekhar Reddy 5)Aditya 6)Dr Vivekanand Pandey 7)Dr C. Venkatesh 8)Mahendran K 9)Dharani Ramasamy 10)C Rekha 11)Hasthi Teja 12)N. Reddirani		
79	Enhancing iot-driven agriculture monitoring systems using blockchain technology and machine learning algorithms	202541005948	24-01-2025	31-01-2025	1)Dr SK Yakoob 2)Dr C. L. Monica 3)Dr G. Karuppusamy 4)P. Chandra Prakash Reddy 5)N R Raghapriya 6)E. Ajitha 7)Dr E D Francis 8)Dr J Rajeshwar Goud 9)Sathya S 10)NarmathaJayachandran	Published	Utility

					11)M. Manimozhi 12)K Sujan Kumar		
80	Eco Friendly and biocomposite nano nanoparticle production for sunscreen and therapeutic formulations	202441048923	26-06-2024	05-07-2024	1 . D.b.n.s.varma 2 . Dr. M. Srilakshmi 3 . Dr. K. Kalaiarasi 4 . Dr. Neredimelli udaya sri 5 . Dr. N. Punitha 6 . Dr. Sumanta bhattacharya 7 . Dr. T. Asai thambi 8 . Dr. R. Mohan 9 . Dr. Shruthi d l	Published	Utility
81	Integration of machine learning with a smart iot-based monitoring system for poultry farms: chicken behavioral analysis for predicting egg production rate and egg weight	202521040412	25-04-2025	16-05-2025	1 . Jitendra shrivastav 2 . Nadikatla harmasekhar 3 . Dr. C. L. Monica 4 . Mrs. S. Kathirvizhi 5 . Dr. K. Akila 6 . Dr. Sanjeev kumar harma 7 . D. Gnanaprakasam 8 . Dr.s.subhalakshmi 9 . Mrs.g.devayani 10 . Dr.kusuma rajasekhar 11 . Dr.prabakaran paranthaman 12 . Mrs. R. Madhumitha	Published	Utility
82	Ai-powered irrigation systems transforming		09-05-2025	30-05-2025	1 . Giridhare Cavin Balaje R 2 . . Dr. C. L. Monica	Published	Utility

	agricultural water management with predictive analytics and smart sensor networks	202541044856			3 . Dr. Venkata Kiran Kumar Ravi 4 . Dr. Sanjeev Kumar Sharma 5 . Dr. K. S. Mohan 6 . Dr. Kusuma Sundara Kumar 7 . Dr. Sreeparna Chakrabarti 8 . RVS Praveen 9 . Dr. Rajesh Shantaram Hajare 10 . S. Balaji 11 . Nadikatla Chandrasekhar 12 . Dr. Raju Chandrakar		
83	Design, Biological Evaluation, and Mechanistic Insights of Novel Pyranochromene-Based Propenones as Anticancer Agents	202541043236 A	05-05-2025	30-05-2025	1)Dr. Kilaru Padma Suhasini 2.).Dr.Chagarlamudi Kavitha 3)Dr. G V Adilakshmi 4)Dr. Ch. Jagadeesh	Published	Utility
89	ChatGPT- Powered Educational TOOLS:a Method for Personalized Learning and KNOWLEDGE assessment	202441095361	04-12-2024	13-12-2024	1. Dr.Pavani G, 2. Mr. Battula Mohan Teja,3. Mr. Ajai Singh.4. Dr. Arun Khatri, 5. Dr. Nellore Manoj Kumar, 6. Mr. P. Lakshmi Narayana, 7. Dr. V.Bhargavi Reddy, 8. N. Sree Rajani ,9. Mr.N.Jeyaprakash	Published	Utility

90	Social Learning Strategies (SLS) and their influence on English Language development in UG learners of AP	202541021650	11-03-2025	21-03-2025	1. Dr.P.Lakshmi Lavanya, 2. Ms.P.Venkata Ramana,3.Dr.V.Vishnu Vandana Devi 4. Mr.K.Tambi babu, 5. Mr. Ch. Nagarjuna	Published	Utility
91	The impact of Global recession on information in Public sector in India	202541001929	09-01-2025	17-01-2025	1. Dr.V.Vishnu Vandana Devi,2. Dr. Anjali Abasaheb Sabale, 3. Ms. Debanjalee Bose, 4. Dr. Kawerinder Singh Sidhu, 5. Dr. Sachin Anton Palande, 6. Ekta Yadav, 7. Ms. Seema, E., 8. Dr. Indumathi G.S., 9. Dr. D. Duraimurugan, 10. Dr. R.Madhu Malar,, 11. Mr. G. Gowtham	Published	Utility
92	Automated System For Grammar and Syntax Correction In English Texts	202441077490	12/10/24	25/10/2024	1. Dr. M. JayaRanjan 2. Dr. B. Abinaya 3. Dr. S. A. Palanisamy 4. Dr. Anitha Bolimela 5. Dr. Premkishor S K 6. Dr. A. Akila 7. Leeshma K 8. Dr. Rayerath Hemalatha 9. Mrs. Syed. Nafisa Parveen 10. Dr. Shalini Infanta. L 11. M. Narmadha	Published	Utility

93	The effectiveness of Peer Learning Strategies in Higher Education	202511056440	12/06/20225	27/06/2025	1. Dr. Samrat Khanna 2. Ms. Meena Shanker 3. Dr. Nupur Sharma 4. Dr. Sumita Mandal 5. Dr. V. Kannan 6. Dr. Madhurima Shrivastava 7. Dr. C. Shalini 8. Dr. M. Jayaranjan 9. Mrs. Kavitha M 10. Dr. Ashish Gupta 11. Dr. S. Revathi 12. Dr. S. Muthu Meenakshi	Published	Utility
94	AI- Driven Pedagogical Frame Work For Personalized English As a Foreign Language Instruction in Higher Education	202541021565	10-03-2025	21-03-2025	1. Dr.A.Venugopal Reddy, 2. Dr. Narendra Kumar Hetcharla,3. Dr. Sameul Babu Koppula4. Dr. BenJigar M, 5. Dr. Vinothini.M, 6. Mr. Bupendra Kumar Patel, 7. Soumitra Mundal, 8. Ambarish Gangal,9. Mrs.A.Sathiya Jothi,10.Divija.T, 11. Purna Cha ndar,12.Santhy.A	Published	Utility
95	AI- driven decision support data processing device for supply chain optimization	6415679	05-01-2025	29-05-2025	Dr. K Paresh Venkata Kumar, Mr Polepogu Rajesh, Dr H. Narendra Kumar, Dr. Jammula Lakshmi Narayana, Ms. Aadiraju siva naga	Published	Design

					neelima Mr.P.Eswara Rao		
96	Social Learning Strategies (SLS) and their influence on English Language development in UG learners of AP	202541021650	11-03-2025	21-03-2025	1. Dr.P.Lakshmi Lavanya, 2. Ms.P.Venkata Ramana 3. Dr.V.Vishnu Vandana Devi 4. Mr.K.Tambi babu, 5. Mr. Ch. Nagarjuna	Published	Utility
97	Machine Learning and IOT Based smart crop monitoring and disease detection system	202541018173	01/03/2025	14/03/2025	1.Mrs.B.Lakshmi 2. Ms.P.Venkata Ramana 3.Dr.k.Parish venkata kumar 4.Ms.syed jaliba jabeen 5.Mr.s.bhagya teja 6.Mr.S.Sai kishore 7.Mr.R.Manohar 8. Mr.R.Dinesh 9. Ms.Venkat lakshmi durga 10. Ms.N.Likhitha	Published	Utility
98	Transforms ELT through ICT: Contemporary Practices as Future directions	202541058094A	17/06/2025	04/07/2025	1. Dr.P.Lakshmi Lavanya, 2. Ms.P.Venkata Ramana 3. Dr.M.Krishna 4. . Mr. Ch. Nagarjuna 5.Dr.Madhavaiah upati 5.J.Pushpa latha	Published	Utility
99	Improving Vocabulary	202531044678A	08/05/2025	23/05/2025	Sri Kalyan,Jyothi Khanikar, Dr. D. Sridevi, Dr.	Published	Utility

	Acquisition among ESL/EFL Learners using Machine Learning in Higher Education				Somali Gupta, Dr. Shagufta, Priyadharshini, Chasmi, Dr. K. Swapnika, Dr.Soumitra Mondal, Dr. Govind Prasad, Dr. P. Rajendran, Dr. T.V.Narmadha, M. Krishnaraj		
100	AI-Based Human Resource management system for Real time performance Evaluation and feedback in Higher Education Institutions.	20251105 2070 A	29/05/20 25	13/06/20 25	Dr.Ankur Jauhari ,B.Sai manogna ,Dr.Gaddam Rahul Dr.Pankajakshi ,Dr.Kanaka Mahalakshmi ,R.Poornima RVS Praveen, Dr.Reetu kumari , Ankit kumar Dr.Shahnazuddin, Dr.Amit Roy, T.Thulasimani	Published	Utility
101	AI- Driven Pedagogical Frame Work For Personalized English As a Foreign Language Instruction in Higher Education	202541021565	10-03-2025	21-03-2025	1. Dr.A.Venugopal Reddy, 2. Dr. Narendra Kumar Hetcharla,3. Dr. Sameul Babu Koppula4. Dr. BenJigar M, 5. Dr. Vinothini.M, 6. Mr. Bupendra Kumar Patel, 7. Soumitra Mundal, 8. Ambarish Gangal,9.	Published	Utility

					Mrs.A.Sathiya Jothi,10.Divija.T, 11. Purna Cha ndar,12.Santhiya.A		
102	AI- driven decision support data processing device for supply chain optimization	6415679	05-01-2025	29-05-2025	Dr. K Paresk Venkata Kumar, Mr Polepogu Rajesh, Dr H. Narendra Kumar, Dr. Jammula Lakshmi Narayana, Ms. Aadiraju siva naga neelima Mr.P.Eswara Rao	Published	Design
103	Automated Curriculum optimization, Pedagogical enhancement and teaching strategy personalization using machine learning and date driven	20253104 3076 A	03/05/2025	16/05/2025	Subharun pal, Dr.Shahnazuddin, Dr.Ch.Bhattacharya Santosh joy, Dr.Kesavula poola, Sara Ilias, Dr.Sahana Chatarsingh,H.PrasadNeelam Rao Bharti, Shubham gupta LUV kumar	Published	Utility

	Learning analytics						
104	Integrated machine learning into flood risk assessment for disaster risk management and climate adaption planning.	20254106 577 A	14/05/2025	30/05/2025	N.Durga prasad Dr.Shahnazuddin , L.Nanthini, Satish balasaheb Latit Ashok, Dr.Jayarama Pradeep Dr.Darshan kumar Dr.Jagadeesh chand Dr.Tegil John Dr.Droupati Yadav, K.Rajbansi, Dr.Saurabh sanjay	Published	Utility
105	Side Table	423293-001	16.07.2024	10.11.2024	1.B.Manikandan 2.G.Venu Gopal 3.Dr.KVSS Ramakrishna.4. Dr J.Naga Madhuri 5..K.Sudareswari. 6.D. Kaleeswaran 7.Mr. Lokeshkiran P	Grant	Design
106	Wireless charging station integrated with sensor	6416121	08.01.2025	14.01.25	1.Gurpreeth Singh 2.J.Naga Madhuri 3. Md.javeed Ahemed. 4. Soumya Mishra 5. Dr .Manoj Kumar 6. Dr . Anil Kumar 7. Dr.Neeraj Kumar	Grant	Design

					8.Dr. Angesh Chandra,Manu Yadakere Murthy, Dr.Yuvaraj Kunnathur		
107	AI enabled stress monitoring and alert device	6438984	02.03.2025	26.3.2025	Amith Joshi,G.Nanda Kishore Kumar,Dr Nilbar Nisha,Dr Ratan Sarkar, Vinayagan J Naga Madhuri, ,Md.Kashif Noorani,Dr Ashok, Md.Faizal, Veerappan Ramaswamy	Grant	Design
108	Empowering students with ML driven soft skills for a seamless transition from education to employment	202541008716	03/02/2025	14/02/2025	1 . V S Gayathri, 2 . Dr A. Venu Gopal Reddy, 3 . Balamurugan N , 4 . Dr Nidhi Nagar, 5 . Umar Sabhapathy, 6 . Dr. Sweta Priya, 7 . Dr J. Praveen Prabhu 8 . S. P. Vedavalli 9 . Ravikumar P 10 . N. Ashalatha 11 . Dr Deepak Sundrani 12 . Sivagami R	Published	Utility
109	Enhancing Reading strategy analysis for EFL/ESL students in higher education using machine learning	202531000731	03/01/2025	10/01/2025	1 . Soumitra Mondal 2 . G. Gayatri 3 . A. Swathi 4 . Dr A.Venu Gopal Reddy ,5 . Dr T. Ramesh Babu 6 . Farhan B 7 . Dr A. Phaniraja Kumar 8 . Dr. Deepak Sundrani 9 . Naveena	Published	Utility

					K 10 . Mokkal Kiran Moni 11 . Dr R. Prabakaran 12 . R. Dharmalingam		
110	AI Driven Pedagogical Frame work for Personalized English as a Foreign Language Instruction in Higher Education	202541021565 A	10/03/2025	21/03/2025	Dr. A. Venu Gopal Reddy, Dr. Narendra Kumar Hetcherla Dr. Samuel Babu Koppula Dr. Benzigar M Dr. Vinothini M , Bhupendra Kumar Patel , Soumitra Mondal , Ambrish Gagal Mrs. Sahithya Jyothi Divija T TT. Poornachandar Santhiya A	Published	Utility
111	AI powered Platform for Personalised English Language Learning and Proficiency Assessment	202541038286	21/04/2025	16/05/2025	Dr Samuel Babu Koppula Dr. Sanjay Kumar Singh, Dr.P.Anuradha, Dr. Gurupreet Kaurb, Dr. P. Felcy Judith, Mrs. P. Menaka Dr. K.M. Manikandan, Dr. Neelam Bansal, Dr. Avijit Bhowmick Julakanti Sivananda		
112	AI Driven Pedagogical Frame work for Personalized English	202541021565A	10/3/25	21/3/25	Dr. A. Venu Gopal Reddy, Dr. Narendra Kumar Hetcherla Dr. Samuel Babu	Published	Utility

	as a Foreign Language Instruction in Higher Education				Koppula Dr. Benzigar M Dr. Vinothini M , Bhupendra Kumar Patel , Soumitra Mondal , Ambrish Gagal Mrs. Sahithya Jyothi Divija T TT. Poornachandar Santhiya A		
113	IOT Based Portable Solar Powered Charger for electronic Devices	422740-001	10/07/2024	22/08/2024	Dr. M.Dhiliphan kumar,Dr.B.Neelambaram, Pankaj Ramtekkar, Dr. Jaya Sundar S, Dr. Siva Shankar Phani T, Mohdesa, dr. r. sriDevi	Publishe d	Design
114	AI Based Speech Enhancement Training Device for Smart Education	450044-001	01/03/2025	05/06/2025	Pushpander Kousik, harshithak.M, Dr. Mayalnk Jindal, John Living Stone,Dr.B.Neelambaram , Prof.Dr. Dinesh Babandeora	Published	Design
115	Automated Contextual understanding	2025 41015660	22-02-2025	07-3-2025	K.Srinivas, Dr.madavaiah Uppati, Dr.M.Ravichand, Dr. R.Naga Dhana Lakshmi, Dr. M Vijaya Lakshmi, Dr. Pawel V,,Dr. B. Neelambaram	Published	Utility

116	Adaptive AI-based system for personalized English language learning and proficiency assessment	2025 41015532	22-02-2025	07-3-2025	Dr.madavaiah Uppati, R.Naga Dhana Lakshmi, Dr.M.Ravichand, Dr. M Vijaya Lakshmi, K.Srinivas, Dr. B. Neelambaram, Dr. Pawel V,	Published	Utility
117	Method for contextual language processing and real-time grammar correction in english texts	2025 41015686	22-02-2025	07-3-2025	K.Srinivas, Dr.madavaiah Uppati, Dr.M.Ravichand, Dr. R.Naga Dhana Lakshmi, Dr. M Vijaya Lakshmi, Dr. Pawel V,,Dr. B. Neelambaram	Published	Utility
118	A system and method for predictive analytics in retail using iot-enabled sensor networks	202541019470	04/03/2025	21/03/2025	1 . Mr. Polepogu Rajesh,2 . Dr. K. Parish Venkata Kumar,3 . Dr. Ravichand Mandalapu,4 . Sri. K. Srinivas,5 . Dr. J Lakshmi Narayana,6 . Mr. Nune Srinivas,7 . Mr. Akkinapalli Rajesh,8 . Mr. Vailipalli Chinmai,9 . Ms. R. Venkata Lakshmi Durga,10 . Ms. N. Likhitha	Published	Utility
119	Apparatus for Predictive Analysis of Magnetohydrodynamic (MHD) Behavior through Combined Numerical and	202441061915	14/08/2024	23/08/2024	Dr A. Sandhya	Published	Patent

	Analytical Approaches.						
120	Hesitant Bipolar-Valued Fuzzy Graphs: Tools for Decision Making in Mathematical Modeling	202441061917	14/08/2024	23/08/2024	Dr. M. Siva Mala	Published	Patent
121	Integrated Computational Framework for Solving MHD Equations via Numerical and Differential Methods	202441088826	17/11/2024	22/11/2024	Mrs. R. Sandhya	Published	Patent
122	Advanced Numerical Methods for Solving Magnetohydrodynamic (MHD) Equations in Complex Geometries	202441069199	12/9/2024	20/09/2024	Dr. D. Rajani, Dr. MVDNS Madhavi	Published	Patent
123	Fluid Flow Optimization Device for Enhanced Dynamics in Pipeline Systems	202441074917	3/10/2024	11/10/2024	Dr. J. Siva Ram Prasad	Published	Patent

124	System and Method for Numerical Simulation of Magnetohydrodynamic (MHD) Phenomena using Analytical Models	202441054735	17/07/2024	02/08/2024	Dr. MVDNS Madhavi, Dr. D. Rajani	Published	Patent
125	Mathematical Modeling Approaches for Optimal Control of MHD Fluid Flows	202541041496	29/04/2025	23/05/2025	Dr. D. Rajani	Published	Patent
126	Enhanced Fuzzy Mathematics Algorithm for Data Analysis	202541041498	29/04/2025	23/05/2025	Mr. B.V. Ravi Kumar	Published	Patent
127	AI-Powered Solvers for MHD and Fluid Dynamics Problems	202541057232	14/06/2025	27/06/2025	Mrs. R. Sandhya	Published	Patent
128	AI and ML-Based System for Solving Ordinary Differential Equations	202541045364	10/5/2025	30/5/2025	Dr. E.S.R. Ravi Kumar	Published	Patent
129	Integrating Machine Learning into Flood	202541046577	14/05/2025	30/05/2025	Mr. N. Durga Prasad	Published	Patent

	Risk Assessment for Disaster Risk Management and Climate Adaptation Planning						
130	On Semistar Pre Star Closed Set in Topological Spaces	202541028321	26/03/2025	25/04/2025	Dr. J. Siva Ram Prasad	Published	Patent