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

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AY 2024-25

S. No.	Title	Ref. No.	Dept.	Filed Date	Published/Granted Date, if any	Name of the Applicants/Inventors	Status	Type
1	Portable Solar Powered Sanitary Napkin Incinerator	441922-001	CE	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	Accepted and published	Design
2	Solar Powered Water Treatment System	441923-001	CE	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	Accepted and published	Design
3	Solar-Based Atmospheric Water Supply System	418540-001	CE	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	Accepted and published	Design
4	Concrete Mixer	441188-001	CE	19/12/2024	10/03/2025	1. Dr. Parvathidevi A 2. Mr. U.V. Narayana Rao	Accepted and published	Design
5	AI-Powered Drone for Remote Site Survey and Mapping	443262-001	CE	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. Devendra Dohare	Case Is Under Hearing	Design



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						6. Mr. S.V. Harischandra Prasad Mr. Rakam Abhinay 7. Dr. M. Samuel Thanaraj 8. Dr. C. Venkata Siva Rama Prasad 9. Dr. C. Venkata Siva Rama Prasad		
6	AI-Based Traffic Cone with Integrated GPS And LED Alerts	450205-001	CE	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. Darshan PareshKumar Joshi 9. Dr. C. Venkata Siva Rama Prasad 10. Ahmad Alyaseen	Accepted and published	Design
7	Multilingual Translating Mike Device	420327-001	CSE	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	Accepted and published	Design



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						9. Dr. P. Siva Kumar 10. Dr. P. Sateesh		
8	Dynamic Monitoring of Bridge Scour Under Heavy Water	20234101 1002	CSE	17/02/23	23/08/2024	1. VEDULA, Prabhakara Rao Venkata Naga 2. PENNERU, Narasiah Naidu Venkata 3. GODAVA, Anuradha 4. SHAIK, Fathimabi 5. NARRA, Malathi 6. PALLIKONDA, Suhasisni Sarah	Published	Utility
9	Machine Learning-Driven Health Risk Prediction Tool for Obesity and Lifestyle-Related Diseases	20244110 3720	CSE	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	20244104 5899	CSE	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	20244109 2508	CSE	27/11/2024	29/11/2024	1. VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY (Applicant)	Published	Utility



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						2. Ravi Sankar Puppala (Inventor)		
12	An Augmented Reality-Based Method for Exploring and Preserving the Weaving Heritage of Sarees	20244105 2952	CSE	11/07/2024	06/12/2024	1. Velagapudi Ramakrishna Siddhartha Engineering College (Deemed to be University) 2. Ch. Rupa 3. M. Madhu Harshitha 4. M. S. Vineetha	Published	Utility
13	Ornithopter: Unmanned Remote Control Aerial Vehicle for Intruder Detection	PCT/IB20 23/062763 Publication of WO20250 32370A1	CSE	15/12/2023	13/02/2025	1. Ch. Rupa 2. Rishika 3. Akhil 4. Vivek	Published	WorldWide - PCT
14	System And Method for Enhancing Images to Detect and Count Objects	20204100 0554	CSE	06/01/2020	13/05/2025	1. Velagapudi Ramakrishna Siddhartha Engineering College (Applicant) 2. Koneru Suvarna Vani (Inventor) 3. Arul Raj M (Inventor) 4. Padmaja M (Inventor) 5. Praveen Kumar Kollu (Inventor)	Granted	Utility
15	Design and High-Performance Broadband Microstrip Patch Antenna for 5g Communication	20244106 0422	ECE	09/08/2024	16/08/2024	1. Dr. Ch. Raghavendra 2. Ashitha V Naik 3. N. Rajagopalakrishnan 4. D. Viji 5. Shibanee Dash 6. Dr.B. Lokeswara Rao 7. Dr Guru Prasad Mishra 8. R.G. Nirmala	Published	Utility



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						9. R. Manasi Vyankatesh Ghamande 10. Dr. Kusuma Rajasekhar 11. Prof Sumit Kumar Gupta 12. Sharma Surbhi Sunilbhai		
16	Expiry Indication Symbol for Medicine Blister Packaging	438765-001	ECE	28/11/2024	-	1. Dr Venkata Sainath Gupta T, 2. Dr. Ishan Srivatsava, 3. Dr G Suryanarayana, 4. Dr K shri Ramtej	Filed	Design
17	Deployment Of Circular Shaped Patch Antenna System at High Gain Signals for Iot and Wirellessnetwork Applications	202541010482	ECE	07/02/2025	14/02/2025	Ketavath Kumar Naik	Published	Utility
18	AI Based Heart Disease Prediction Device	6359569	ECE	14/04/2025	25/04/2025	Koti Lakshmi Aruna	Published	Design
19	Design And Anlysis of Quasi BINOMINAL Series Array Antenna for Millimeter Wave For 5G Applications	202541037450	ECE	17/4/2025	19/5/2025	1. Dr. K. Vasu Babu 2. Dr. P. Srinivasa Rao (Inventor) 3. Dr. Ch. Raghavendra (Inventor) 4. Dr. Bhuma Anuradha (Inventor)	Published	Utility
20	A Method of Generating and Supplying Electricity from Sea Water	202441079106	EIE	10/17/2024	10/25/2024	1. Mr. Polepogu Rajesh 2. Dr. J. Lakshmi Narayana 3. Dr. Pushendra Kumar	Published	Utility



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21	A Distributed Network for Renewal Energy Sources Using Remote Control System	20254100 4598	EIE	1/20/2025	1/31/2025	Mr. Polepogu Rajesh	Published	Utility
22	Machine Learning and Image Processing for Plant and Disease Detection to Improve Agricultural Yield	20254101 8130	EIE	2/28/2025	3/14/2025	1. Suganya S 2. Dr.A. Sumalatha 3. Dr. Anu Tonk 4. Kalidas P 5. Dr A Tamizhselvi 6. Dr. A. Senthilrajan 7. Pulicherla Siva Prasad 8. Ramakrishnan P 9. Dr M Rambabu 10. Renu Singhanian 11. Mahendran K 12. Dr. Karunamoorthy B	Published	Utility
23	Analysis of a Low-Profile Penta Band BPF Using Ring Resonator for Multiband Applications	20244109 1343	EIE	11/23/2024	29/11/2025	1. BTP Madhav 2. Dr. P Srinivas 3. Koneru Lakshmaiah Education Foundation 4. V R Siddhartha Engineering college, Deemed to be university	Published	Utility
24	Design And Development of Swastik Shape Antenna for Wireless Applications	20244104 7989	EIE	6/21/2024	6/28/2024	1. BTP Madhav 2. Sushma Chowdary Polavarapu (Inventor) 3. Sampad kumar Panda (Inventor)	Published	Utility



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25	Efficient Power Converter Control Methodology for Electric Vehicle Drives	20244104 6672	EEE	18/06/2024	21/06/2024	1. Dr. Indira Damarla 2. Dr.M. Venmathi 3. Dr.N. Booma 4. G. Annie Nancy	Published	Utility
26	Smart Grid Monitoring System Using AI For Real-Time Fault Detection and Load Management	20244108 3650	EEE	01/11/2024	08/11/2024	1. Dr. S. Prathiba 2. G. Annie Nancy 3. Indira Damarla 4. Venmathi Mahendran 5. Booma Nagarajan	Published	Utility
27	IoT Enabled Cybersecurity Intelligence Device	423830- 001	IT	19/07/2024	29/08/2024	1. Dr E. Laxmi Lydia 2. Dr Srinivasan Arumugam 3. S.R. Sylaja Vallee Narayan 4. Dr. Jagdeep Singh 5. Nitiraj Kulkarni 6. Dr. Chilukuri BalaVenkata Subbarayudu 7. Dr N. Nagabhooshanam	Accepted and published	Design
28	Advanced Cyber Threat Detection Using AI And Image Processing Techniques	20244105 4901	IT	18/07/2024	02/08/2024	1. Dr. A. Srisaila 2. Mr. Samrat Krishna Gaddam, 3. Mr. Naga Prasada Rao Thota, 4. Dr. Katakam Venkateswara Rao 5. Mr. Ranganadha Rao. Goli, 6. Mr. Nikhilesh Katakam, 7. Dr. Ganji Ramanjaiah,	Published	Utility



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						8. Mr. Ananda Babu Rudrubati		
29	Blockchain Technology in Marketing Opportunities and Challenges	20244105 7257	IT	29/07/2024	02/08/2024	1. Dr M. Ramesh 2. Dr M Sharma 3. Sudharshan 4. Dr Sdb Ali 5. Dr Sahoo Lokesh	Published	Utility
30	Block Chain Technology for Secure Cloud Data Storage And Sharing	20244105 6469	IT	25/07/2024	02/08/2024	1. Madhavi Katamaneni 2. Ms. Madhavi Kishor Chaudhari 3. Chandra Prakash Katare Omprakash 4. DN Murali Krishna Rao 5. Bhavani Viyyapu Pankaj Kunekar	Published	Utility
31	Secure Multi-Tenant Cloud Storage Using Decentralized Blockchain Frameworks	20254100 9063	IT	04/02/2025	14/02/2025	1. Geetha Guthikonda 2. Shraddha Satish Kashid 3. Dr.M. Renuka 4. S. Sathya Priya 5. Dr. Alpesh Arvindbhai Vaghela 6. V Meena 7. B. Gunasundari	Published	Utility
32	Artificial Intelligence-Based USB Device for Managing Multiple Smart Devices	439388-001	IT	03/12/2024	12/03/2025	1. Mrs. Madhavi Latha Pandala 2. Mrs. Sneha N P 3. Mrs. Supreetha H H 4. Mr. Jawahar Jonathan K 5. Mrs. Soniya R 6. Dr. Subash Chandra Bose 7. Jaganathan 8. Dr. V. Pandimurugan	Accepted and published	Design



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33	Determine Malicious Attacks with Real-Time IoT Devices to Analyse Their Vulnerabilities by Leveraging Deep Learning Techniques	20244110 5061	IT	31/12/2024	17/01/2025	1. S. Kranthi 2. Dr.S. M. Shamsheer Daula 3. Jhansi Rani Mettu 4. S. Saravanakumar 5. Dr.I. Jeya Daisy 6. Dr.G. Ramesh 7. Dr.V. Dinesh Kumar	Published	Utility
34	AI For Big Data Analytics In Supply Chain Management	20254100 6687	IT	27/01/2025	7-2-2025	1. Ch. Nanda Krishna 2. Pradeep Sharma 3. Dr. Puran Chandra Tewari 4. G. Twinkle Geojini	Published	Utility
35	Malicious Attack Detection in Real-Time IoT Devices Will Assess Their Vulnerabilities Using Deep Learning Algorithms	20254102 7595	IT	25/03/2025	11/04/2025	1. K. Pranathi 2. Dr. Ajay Jaiswal 3. Ashok Ram. P 4. Manju Bagga 5. Dr.R. Kotteeswaran 6. Dr. R. Thiagarajan 7. Kanchan Kamlesh Ingale 8. V.Balaji Vijayan 9. V.Anithalakshmi	Published	Utility
36	IoT-Integrated Real-Time Consumer Engagement System for Digital Marketing Campaigns	20254102 1925	IT	11/03/2025	21/03/2025	1. Anuradha.T 2. Praveena Nuthakki 3. Dr. Apoorva Joshi 4. Mr Kuldeep Tiwari 5. Ms Radha Tiwari 6. Manjula KA 7. M.Madhavi 8. Dr V Seethalakshmi 9. Ms Raghavi S 10. Dr. Sumana De	Published	Utility



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37	Privacy-Preserving Auditing Mechanism for Cloud Computing Services	20254102 8192 A	IT	25/03/2025	25/04/2025	<ol style="list-style-type: none">1. Dr.A. Srisaila,2. Dr.T. Srinivasa Ravi Kiran,3. Mrs. Koneru Anitha,4. Mr. S. Tulasi Prasad,5. Dr. T. Anuradha,6. Mr. Gudivada,7. Venu Gopal Rao,8. Dr. Ganji Ramanjaiah	Published	Utility
38	Cloud-Integrated System and Method for Health Diagnostics Using IoT Biomedical Devices and Machine Learning	20254104 3151 A	IT	04/05/2025	30/05/2025	<ol style="list-style-type: none">1. Bolisetty Sreelatha2. V.S.N. Murthy3. Chitturi Satya Pavan Kumar Vishwajit K Barbudhe4. RVS Praveen5. Dr.K. Swapnika6. K. Swanthana7. Jasmine Mystica K8. Dr. T. Arunkumar9. P. Subhash Chandra Bose10. P. Srikanth Reddy11. Mrs. Jaya Das	Published	Utility
39	Cybersecurity Framework for Protecting Student Data and Privacy in Educational Technology Platforms Using AI	20254102 4584	IT	19/03/2025	28/03/2025	<ol style="list-style-type: none">1. Dr.k. Sita Kumari,2. Dr. Dipika Birari,3. Dr. Suraj Rajaram Nalawade,4. prof Kavita Arakeri,5. Mrs. Hingouri Omkar Tapase,6. Suguna.M,7. Dr. Brajesh Kumar,8. Dr. R. Elavarasan,9. Ankit Kumar,	Published	Utility



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						10. Dr. Manoj Kumar		
40	A System and Method for Mathematical Modelling in Optimization and Decision Making for Engineering and Business Applications	20244106 2339	IT	17/08/2024	23/08/2024	1. Jayaprakash Sunkavalli 2. Dr. K J Ghanashyam 3. Dr. Vimala T 4. Sridevi Sakhamuri 5. Rakesh Ranjan 6. Ketan Anand	Published	Utility
41	Dynamic Load Balancing Algorithm for Optimized Performance in Distributed Cloud Systems	20254105 3881	IT	03/06/2025	13/06/2025	1. Dr. Y. Sangeetha, 2. Dr. Kavita 3. D. Hanabaratti 4. Dr. Sonagiri China Venkateswarlu 5. Mr. Ramesh Chandra Aditya Komperla 6. Prof. Dr. Rudra 7. Mrs. Madhuri Nakkella 8. Mrs. Suganya. P 9. Mr. Saharsh Gera 10. Dr. P. Poonkodi 11. Mr. Dharavath Veeraswamy	Published	Utility
42	Customizing Leadership Development Programs with AI	20254105 7849	IT	16/06/2025	27/06/2025	1. Madhavi Katamaneni 2. Dr. Priyanka Gupta 3. Dr. Gawaraja Suthar 4. Dr. Harshitha Y S	Published	Utility
43	Personalized Employee Development with Machine Learning	20254105 7840	IT	16/06/2025	27/06/2025	1. Y Kalyan Chakravarti 2. Dr. Aruna Battur 3. Dr. Swapnil Undale	Pulished	Utility



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						4. Dr. Manjushri Janardan Yadav		
44	Object Detection in Extreme Dark Conditions	20244105 0219	ME	01/07/2024	23/05/2025	1. M.Sumalatha 2. A.N. Phani Deepthi 3. G. Dilli Babu 4. M.Bala Chennaiah 5. K. Pranay Rahul	Published	Utility
45	Ai Based Robotic Surgery Method and Process	20244105 1119	ME	04/07/2024	12/07/2024	1. Dr. B. Supraja Reddy 2. Prof. Dr. Reena Singh 3. Mr. Pawan Kumar Singh 4. Prof. Dr. B. K. Sarkar 5. Prof. (Dr.) Vandana Singh	Published	Utility
46	Evaluating Faculty Performance Using Machine Learning: Impact of Teaching Methods on Student Learning Skills	20244106 4882	ME	28/08/2024	06/09/2024	1. Veernapu Sudheer Kumar 2. Dr. Amol Pandurang Godge 3. Sarika K 4. Dr. Saiyed Faiayaz Waris 5. Dr. Sonlata Bargotya 6. Prof N L Mishra 7. Dhanapal M 8. Dr. Suniti Kumar Kuriyal 9. Dr. Srikrishna Nautiyal 10. Dr. Maaz Allah Khan 11. Dr. Jyoti Syal 12. Mr. R. Dharmalingam	Published	Utility
47	IoT-And Machine-Learning-Driven Traffic Management Systems for Next-Generation Smart Cities	20244108 7363	ME	13/11/2024	22/11/2024	1. Siva Prasad Kolluri 2. Dr Jayeshkumar N Modi 3. Sathya T 4. Miss. Jasmin Mehboobpasha Shaikh 5. Akshay Dilip Thorat 6. D. Suresh	Published	Utility



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						7. Amit Kumar Chaturwedi 8. V. Bhargavi 9. Dr Deepak Sundrani 10. Jyoti Prasad Patra 11. Dr Saurabh Sanjay Joshi 12. S Pream Kumar		
48	Logitrack: GPS-Enhanced Tracking Control	202541000598	ME	03/01/2025	10/01/2025	1. Velagapudi Ramakrishna Siddhartha Engineering College 2. Dr. K. Ramanaiah (Inventor) 3. Dr. A. V. Ratna Prasad (Inventor) 4. Vallapu Raja Sekhar (Inventor) 5. P. Gopi Harsha (Inventor) 6. V. Usha Kiran (Inventor) 7. Medavanka Dheeraj Babu (Inventor)	Published	Utility
49	Optimizing Financial Security: Cloud AI and Machine Learning in Risk Management and Fraud Detection	202441091383	ME	23/11/2024	06/12/2024	1. Dinesh G 2. Veernapu Sudheer Kumar 3. Brindha N 4. M Lakshmi Priya 5. Dr Amit Chauhan 6. Dr S P. Karuppiah 7. V Sandhya 8. R. Kannan 9. K. Perumal 10. Dr S. Nagendra Prabhu 11. Dr D. B. Jagannadha Rao 12. Dr Jyoti Prasad Patra	Published	Utility



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50	Semi-Automated Spot and Grab Harvesting Arm	20234104 1075	ME	16/06/2023	05/07/2024	1. A.N. Phani Deepthi 2. Dr. M. Sumalatha 3. Shaik Hazrath Moulali 4. Kodali Devi Saran	Published	Utility
51	Machine Learning-Based Advanced Image Processing System for Early Detection and Classification of Breast Cancer	20254103 6338	ME	15/04/2025	09/05/2025	1. Sriprasadh K 2. Dr. Venkata Kiran Kumar R 3. Aruna B 4. Shivam Mishra 5. Jesmin Zakaria 6. M Sreedhar 7. Kollimarla Srinivasa Rao 8. Jasmine Mystica K 9. Dr. C. Sonia 10. Dr. Talari Lakshmi Narayana 11. Mohammad Habeeb 12. Mrs. Agalya A	Published	Utility
53	Integrating Machine Learning and IoT for Sustainable Soil Management and Manure-Based Soil Enhancement in Smart Agriculture	20254104 3156	ME	04/05/2025	30/05/2025	1. Dr. Venkata Kiran Kumar Ravi 2. Keerthana S 3. Param Vir Singh 4. Dr. Tegil J John 5. Kamlesh Kelwade 6. Vikas Pathak 7. Dr Girija Vani Gurrum 8. Priyanka Gundu Giri 9. Sneha Mahesh Kachare 10. Dr. Mastan Vali Shrik 11. Dr. Rajasekaran S 12. Dhatchinamoorthy N	Published	Utility
54	An AI-Powered Auto-Grading	20254103 7871	ME	20/04/2025	16/05/2025	1. Dr. Venkata Kiran Kumar Ravi	Published	Utility



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	System to Minimize Teacher Workload and Enhance Academic Performance in Higher Education					<ol style="list-style-type: none"> 2. Dr.K. Srinivasan 3. Dr Amit Chawla 4. Kookutla Ramesh 5. Dr. Bindoo Malviya 6. Shipra Agarwal 7. Dr. Nazia Hasan 8. Dr. Pirtibha Sharma 9. Surabhi Mishra 10. Banushri.A 11. Dr. Samuel Rao 12. Prof. Prashant Adsule 		
55	Predictive Modeling of Sunlight-Induced Photocatalytic Degradation with Bifeo3 Nanoparticles Using Machine Learning	20254104 7859	ME	17/05/2025	30/05/2025	<ol style="list-style-type: none"> 1. Shireen Mahala Tagore 2. RVS Praveen 3. Dr. Raj Kumar Gupta 4. Dr. Venkata Kiran Kumar Ravi 5. Dr. Sajja Ravi Babu 6. Dr. Amit Chauhan 7. Dr. Sandip Kanase 8. R Sai Syam 9. Eva Edward 10. Pratiksha Rajendra Bankar 11. Kumar Raj Chittaranjan Singh 12. Pappu Kumar 	Published	Utility
56	Convolutional Neural Network (CNN) Based Computer Device for Student Career Forecasting	6444523	ME	15/05/2025	23/05/2025	<ol style="list-style-type: none"> 1. Tailor Kanekal Shaik Shavali 2. Bindu sai Jammula 3. Dr. Venkata Kiran Kumar Ravi 4. Sujatha Kamepalli 5. Sohong Dhar 	Published	Design



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						6. Dr. Sasi Kumar Anbalagan 7. Mohammad Shabbir Alam 8. Dr. Kanimozhi Natesan, 9. Mohamed Faizal 10. Mohamed Kaleelullah 11. Narmada Devi Marudhamuthu		
57	Intelligent System for Digital Image Forgery Detection Using Machine Learning and Artificial Intelligence Techniques	20254105 6864	ME	13/6/2025	27/6/2025	1. Dr K Venkata Subba Reddy 2. Venkata Kiran Kumar Ravi 3. T. Subha Rathi Priya 4. Preeti Nitin Bhatt 5. Prabhavathi K 6. Shanker Aleti 7. Dr. S. Pragadeeswaran 8. Selvanayagi A 9. Dr. Rakesh K Kadu 10. Ramesh Prasad Sah 11. M.Naveenraj 12. Dr.S. Dhivya	Published	Utility
58	Intelligent Agricultural Decision Support System for Soil Classification and Fertilizer Optimization Using Machine Learning	20251105 1476	ME	29/5/2025	13/6/2025	1. Sanjeev Bhardwaj 2. Dr. Venkata Kiran Kumar Ravi 3. Dr. Anu Tonk 4. Dr. Ghanasham Chandrakant Sarode 5. Dr. Yaman Kumar Sahu 6. Dr. Amit Biswas 7. Dr. Shobhana Ramteke 8. R. Veerappan 9. Dr.S. Dhivya	Published	Utility



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						10. Dr. Sarnendu Paul 11. Sandipan Biswas 12. Mr. Biplab Saha		
59	Early Detection and Intervention of Social Media Addiction Using Machine Learning	20254105 5037	ME	7/6/2025	13/6/2025	1. Dr. Julius Irudayasamy 2. Dr. Venkata Kiran Kumar Ravi 3. Dr. Madhavi Bolla 4. Dr. Masarat Jahan 5. Dr. J. Azad Mohamed 6. Dr. S. Sathya Priya 7. Dr. Partha Sarathi Nandi 8. Dr. Soumitra Mondal 9. Dr. M. Arunachalam 10. Anvesh Perada 11. R Sambasivam 12. Dr. G. Sasikumar	Published	Utility
60	Deployable Sensor Device for Natural Disaster Detection	6449978	ME	9/6/2025	26/6/2025	1. Dr. Venkata Kiran Kumar Ravi 2. Dr. Ravi Prakash 3. Dagdusaheb Thombre 4. Dr. Rani Venkata 5. Satya Praveen 6. Pranavan Subramani 7. Satya Subrahmanya 8. Sai Ram Gopal Peri 9. Dr. Rajesh Bhaskar Survase 10. Dr. Ishwar Baburao Ghorude 11. Naresh Thoutam 12. Gurumeet Wadhawa 13. John Pimo Selvadhas	Published	Design



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61	Portable Solar Powered Reverse Osmosis System	20254106 1949	ME	28/06/2025	01/07/2025	1. G. Jamuna Rani 2. P. Gopinadh Chowdary	Published	Utility
62	A Digital Financial Device Forecasting and Analyzing Stock Transactions	417817- 001	MBA	23/05/2024	15/07/2024	1. Dr. N. Sailaja, 2. Jaya Lakshmi, 3. S. Ravi Kishan,	Accepted and published	Design
63	Adaptive E-Learning System for Leadership and Organizational Behavior Training	20254102 8204	MBA	25/03/2025	25/04/2025	1. Dr. Sailaja Nimmagadda 2. Munawar Y. Sayed 3. Dr. Mohamed Kareemulla 4. Dr. Pragathi. Kodali 5. Dr. Chamoli Anjana 6. Prof. Shivanand Bhimashankar Konade 7. Dr. S. Kanimozhi	Published	Utility
64	Sensor-Based Augmented Reality Glasses with Adjustable Lenses	6383998	MBA	10/08/2024	19/08/2024	1. Mrs. Xma Rahul Pote, 2. Raghuv eer Katragadda, 3. Ms. Josephine Mary Juliana Michael Benno	Accepted and published	Design
65	Sign Translation Using OpenCV	20244109 4541	MCA	02/12/2024	06/12/2024	1. Dr.K. Parish Venkata Kumar, 2. B. Srinivas, 3. B. Lakshmi	Published	Utility
66	AI-Driven Decision Support Data Processing Device for Supply Chain Optimization	20254105 6864	MCA	05/01/2025	29/05/2025	1. Dr K Venkata Subba Reddy 2. Venkata Kiran Kumar Ravi 3. T. Subha Rathi Priya 4. Preeti Nitin Bhatt 5. Prabhavathi K 6. Shanker Aleti	Published	Utility



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						7. Dr.S. Pragadeeswaran 8. Selvanayagi A 9. Dr. Rakesh K Kadu 10. Ramesh Prasad Sah 11. M.Naveenraj 12. Dr.S. Dhivya		
67	IoT-Based Neuro-Feedback Wearable	443272-001	MCA	06/01/2025	26/03/2025	1. Mrs. B. Lakshmi, 2. Dr. K. Parish Venkata Kumar	Accepted and published	Design
68	Machine Learning and IoT-Based Smart Crop Monitoring and Disease Detection System	202541018173	MCA	01/03/2025	14/03/2025	1. Mrs. B. Lakshmi, 2. Dr.K. Parish Venkata Kumar	Published	Utility
69	AI-Enhanced Cloud Platform for IoT-Connected Medical Devices in Real-Time Patient Care	202541040760	MCA	28/04/2025	23/05/2025	1. J. Harj Krishna 2. Lanke Himanka Jayanthi 3. Lanke Geethika 4. Harika Kopalle 5. Kurmala Sridhar 6. Kondapalli Madhav Sal 7. Lella Durga Prasai 8. Merugumala Jyothi 9. Kumbha Navyasri	Published	Utility
70	Innovative Cancer Disease Analysis Via Adaptive Line Graph-Based Contrastive Learning for Biomedical Interactions	202441064354	MCA	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	Published	Utility



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						7. Dr. Sumanta Bhattacharya 8. Dr. Amit Chauhan 9. Mary Anitha T 10. Seepuram Srinivas Kumar 11. Jeyaprakash N 12. Dr. U D Prasan		
71	Innovative Characterization Techniques for Copper Oxide Nanoparticles and Their Practical Uses	20244110 4655	Chemistry	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
72	Implementation of AI in Agriculture Through Machine Learning and IoT for Advanced Plant Disease Detection	20254100 3947	Chemistry	17/01/2025	31/01/2025	1. Dr C. L. Monica 2. Dr P. Chellammal 3. Arijit Sarkar 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	Published	Utility



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73	Enhancing IoT-Driven Agriculture Monitoring Systems Using Blockchain Technology and Machine Learning Algorithms	202541005948	Chemistry	24/01/2025	31/01/2025	<ol style="list-style-type: none">1. Dr SK Yakoob2. Dr C. L. Monica3. Dr G. Karuppusamy4. P. Chandra Prakash Reddy5. N R Raghapriya6. E. Ajitha7. Dr E D Francis8. Dr J Rajeshwar Goud9. Sathya S10. Narmatha Jayachandran11. M. Manimozhi12. K Sujan Kumar	Published	Utility
74	Eco-Friendly and Biocomposite Nano Particle Production for Sunscreen and Therapeutic Formulations	202441048923	Chemistry	26/06/2024	05/07/2024	<ol style="list-style-type: none">1. D.B.N.S. Varma2. Dr. M. Srilakshmi3. Dr. K. Kalaiarasi4. Dr. Neredimelli Udaya Sri5. Dr. N. Punitha6. Dr. Sumanta Bhattacharya7. Dr. T. Asai Thambi8. Dr. R. Mohan9. Dr. Shruthi D. L.	Published	Utility
75	Integration of Machine Learning with A Smart IoT-Based Monitoring System for Poultry Farms: Chicken Behavioral Analysis for Predicting Egg	202521040412	Chemistry	25/04/2025	16/05/2025	<ol style="list-style-type: none">1. Jitendra Shrivastav2. Nadikatla Harmasekhar3. Dr. C. L. Monica4. Mrs. S. Kathirvizhi5. Dr. K. Akila6. Dr. Sanjeev Kumar Harma7. D. Gnanaprakasam8. Dr. S. Subhalakshmi9. Mrs. G. Devayani	Published	Utility



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	Production Rate and Egg Weight					10. Dr. Kusuma Rajasekhar 11. Dr. Prabakaran Paranthaman 12. Mrs. R. Madhumitha		
76	Ai-Powered Irrigation Systems Transforming Agricultural Water Management with Predictive Analytics and Smart Sensor Networks	20254104 4856	Chemistry	09/05/2025	30/05/2025	1. Giridhare Cavin Balaje R 2. Dr. C. L. Monica 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	Published	Utility
77	Design, Biological Evaluation, And Mechanistic Insights of Novel Pyranochromene-Based Propones as Anticancer Agents	20254104 3236	Chemistry	05/05/2025	30/05/2025	1. Dr. Kilaru Padma Suhasini (Inventor) 2. Dr. Chagarlamudi Kavitha (Inventor) 3. Dr. G V Adilakshmi (Inventor) 4. Dr. Ch. Jagadeesh (Inventor)	Published	Utility
78	Chatgpt- Powered Educational TOOLS: A Method for Personalized	20244109 5361	English	04/12/2024	13/12/2024	1. Dr. Pavani G, 2. Mr. Battula Mohan Teja, 3. Mr. Ajai Singh. 4. Dr. Arun Khatri,	Published	Utility



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	Learning and KNOWLEDGE Assessment					5. Dr. Nellore Manoj Kumar, 6. Mr. P. Lakshmi Narayana, 7. Dr. V. Bhargavi Reddy, 8. N. Sree Rajani 9. Mr. N. Jeyaprakash		
79	Social Learning Strategies (SLS) And Their Influence on English Language Development in UG Learners of AP	20254102 1650	English	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
80	The Impact of Global Recession on Information in Public Sector in India	20254100 1929	English	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
81	Automated System for Grammar and	20244107 7490	English	12/10/2024	25/10/2024	1. Dr. M. JayaRanjan 2. Dr. B. Abinaya 3. Dr. S. A. Palanisamy 4. Dr. Anitha Bolimela	Published	Utility



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	Syntax Correction in English Texts					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		
82	The Effectiveness of Peer Learning Strategies in Higher Education	20251105 6440	English	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
83	AI- Driven Pedagogical Framework for Personalized English as A Foreign Language Instruction in Higher Education	20254102 1565	English	10/03/2025	21/03/2025	1. Dr.A. Venugopal Reddy, 2. Dr. Narendra Kumar Hetcharla, 3. Dr. Sameul Babu Koppula 4. 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 Chandar,	Published	Utility



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						12. Santhiya.A		
84	Transforms ELT Through ICT: Contemporary Practices as Future Directions	20254105 8094A	Maths	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 6. J. Pushpa Latha	Published	Utility
85	Improving Vocabulary Acquisition Among ESL/EFL Learners Using Machine Learning In Higher Education	20253104 4678A	English	08/05/2025	23/05/2025	1. Sri Kalyan, 2. Jyothi Khanikar, 3. Dr. D. Sridevi, 4. Dr. Somali Gupta, 5. Dr. Shagufta, 6. Priyadarshini, 7. Chasmi, 8. Dr. K. Swapnika, 9. Dr. Soumitra Mondal, 10. Dr. Govind Prasad, 11. Dr. P. Rajendran, 12. Dr. T.V. Narmadha, 13. M. Krishnaraj	Published	Utility
86	Ai-Based Human Resource Management System for Real Time Performance Evaluation And Feedback In Higher Education Institutions.	20251105 2070 A	Maths	29/05/2025	13/06/2025	1. Dr. Ankur Jauhari, 2. B. Sai Manogna, 3. Dr. Gaddam Rahul 4. Dr. Pankajakshi 5. Dr. Kanaka Mahalakshmi 6. R. Poornima 7. RVS Praveen, 8. Dr. Reetu kumari, 9. Ankit Kumar 10. Dr. Shahnazuddin, 11. Dr. Amit Roy, 12. T. Thulasimani	Published	Utility
87	Automated	20253104	English	03/05/2025	16/05/2025	1. Subharun Pal,	Published	Utility



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	Curriculum Optimization, Pedagogical Enhancement And Teaching Strategy Personalization Using Machine Learning And Date Driven Learning Analytics	3076 A				2. Dr. Shahnazuddin, 3. Dr.Ch. Bhattacharya 4. Santosh Joy, 5. Dr. Kesavula Poola, 6. Sara Ilias, 7. Dr. Sahana Chatarsingh, 8. H. Prasad Neelam Rao Bharti, 9. Shubham Gupta 10. LUV Kumar		
88	Integrated Machine Learning Into Flood Risk Assessment For Disaster Risk Management And Climate Adaption Planning.	20254106 577 A	English	14/05/2025	30/05/2025	1. N. Durga Prasad 2. Dr. Shahnazuddin, 3. L. Nanthini, 4. Satish Balasaheb Latit Ashok, 5. Dr. Jayarama Pradeep 6. Dr. Darshan Kumar 7. Dr. Jagadeesh Chand 8. Dr. Tegil John 9. Dr. Droupati Yadav, 10. K. Rajbansi, 11. Dr. Saurabh Sanjay	Published	Utility
89	Side Table	423293- 001	English	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	Accepted and published	Design



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90	Wireless Charging Station Integrated with Sensor	6416121	English	08/01/2025	14/01/2025	<ol style="list-style-type: none">1. Gurpreeth Singh2. J. Naga Madhuri3. MD. Javeed Ahemed.4. Soumya Mishra5. Dr. Manoj Kumar6. Dr. Anil Kumar7. Dr. Neeraj Kumar8. Dr. Angesh Chandra,9. Manu Yadakere Murthy,10. Dr. Yuvaraj Kunnathur	Accepted and published	Design
91	AI-Enabled Stress Monitoring and Alert Device	6438984	IT	02/03/2025	26/3/2025	<ol style="list-style-type: none">1. Amith Joshi,2. G. Nanda Kishore Kumar,3. Dr Nilbar Nisha,4. Dr Ratan Sarkar,5. Vinayagan J Naga Madhuri,6. Md.Kashif Noorani,7. Dr Ashok,8. Md.Faizal,9. Veerappan Ramaswamy	Accepted and published	Design
92	Empowering Students with ML Driven Soft Skills for A Seamless Transition from Education to Employment	20254100 8716	English	03/02/2025	14/02/2025	<ol style="list-style-type: none">1. V S Gayathri,2. Dr A. Venu Gopal Reddy,3. Balamurugan N4. Dr Nidhi Nagar,5. Umar Sabhapathy,6. Dr. Sweta Priya,7. Dr. J. Praveen Prabhu8. S. P. Vedavalli9. Ravikumar P10. N. Ashalatha11. Dr Deepak Sundrani12. Sivagami R	Published	Utility



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93	Enhancing Reading Strategy Analysis For EFL/ESL Students in Higher Education Using Machine Learning	20253100 0731	English	03/01/2025	10/01/2025	1. Soumitra Mondal 2. G. Gayatri 3. 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 K 10. Mokkala Kiran Moni 11. Dr R. Prabakaran 12. R. Dharmalingam	Published	Utility
94	AI-Powered Platform for Personalised English Language Learning and Proficiency Assessment	20254103 8286	English	21/04/2025	16/05/2025	1. Dr. Samuel Babu Koppula, 2. Dr. Sanjay Kumar Singh, 3. Dr.P. Anuradha, 4. Dr. Gurupreet Kaurb, 5. Dr. P. Felcy Judith, 6. Mrs. P. Menaka 7. Dr. K.M. Manikandan, 8. Dr. Neelam Bansal, 9. Dr. Avijit Bhowmick 10. Julakanti Sivananda	Published	Utility
95	IoT-Based Portable Solar-Powered Charger for Electronic Devices	422740- 001	English	10/07/2024	22/08/2024	1. Dr. M. Dhiliphan Kumar, 2. Dr.B. Neelambaram, 3. Pankaj Ramtekkar, 4. Dr. Jaya Sundar S, 5. Dr. Siva Shankar Phani T, Mohdesa, 6. Dr. E. Sridevi	Accepted and published	Design
96	AI-Based Speech Enhancement Training Device	450044- 001	English	01/03/2025	05/06/2025	1. Pushpander Kousik, 2. Harshithak M, 3. Dr. Mayalnk Jindal,	Accepted and published	Design



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	for Smart Education					4. John Living Stone, 5. Dr. B. Neelambaram, 6. Dr. Dinesh Babandeora		
97	Automated Contextual Understanding	2025 41015660	English	22/02/2025	07/03/2025	1. K. Srinivas, 2. Dr. Madavaiah Uppati, 3. Dr.M. Ravichand, 4. Dr. R. Naga Dhana Lakshmi, 5. Dr. M Vijaya Lakshmi, 6. Dr. Pawel V, 7. Dr. B. Neelambaram	Published	Utility
98	Adaptive AI-Based System for Personalized English Language Learning and Proficiency Assessment	2025 41015532	English	22/02/2025	07/03/2025	1. Dr. Madavaiah Uppati, 2. R. Naga Dhana Lakshmi, 3. Dr.M. Ravichand, 4. Dr. M Vijaya Lakshmi, 5. K. Srinivas, 6. Dr. B. Neelambaram, 7. Dr. Pawel V,	Published	Utility
99	Method For Contextual Language Processing and Real-Time Grammar Correction in English Texts	2025 41015686	English	22/02/2025	07/03/2025	1. K. Srinivas, 2. Dr. Madavaiah Uppati, 3. Dr. M. Ravichand, 4. Dr. R. Naga Dhana Lakshmi, 5. Dr. M Vijaya Lakshmi, 6. Dr. Pawel V, 7. Dr. B. Neelambaram	Published	Utility
100	A System and Method for Predictive Analytics in Retail Using IoT-	20254101 9470	EIE	04/03/2025	21/03/2025	1. Mr. Polepogu Rajesh, 2. Dr. K. Parish Venkata Kumar, 3. Dr. Ravichand Mandalapu, 4. Sri. K. Srinivas,	Published	Utility



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	Enabled Sensor Networks					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		
101	Apparatus For Predictive Analysis of Magnetohydrodynamic (MHD) Behavior Through Combined Numerical and Analytical Approaches.	20244106 1915	Maths	14/08/2024	23/08/2024	1. Dr. A. Sandhya 2. Mr. B. Siva Kumar Reddy 3. Dr. S. Ramalingeswara Rao 4. Mr. Indrajeet G Varhadpande 5. Dr. N. Nagajothi 6. Dr. Nellore Manoj Kumar 7. Mr. G Balaraman 8. Dr. Radheshyam R. Sharma 9. Dr. Animesh Kumar Sharma	Published	Utility
102	Hesitant Bipolar-Valued Fuzzy Graphs: Tools for Decision Making in Mathematical Modeling	20244106 1917	Maths	14/08/2024	23/08/2024	1. Dr. M. Siva Mala 2. Dr P. Aparna 3. Dr. R. Rajalakshmi 4. Dr. T. Satish 5. Dr. M. S. Muthuraman 6. Dr. Nellore Manoj Kumar 7. Mr. R V Jaikumar 8. Dr. Radheshyam R. Sharma 9. Dr. Animesh Kumar Sharma	Published	Utility
103	Integrated Computational	20244108 8826	Maths	17/11/2024	22/11/2024	1. Mrs. R. Sandhya 2. Dr. M. Ankamma Rao	Published	Utility



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	Framework for Solving MHD Equations Via Numerical and Differential Methods					<ol style="list-style-type: none"> 3. Mr. G. Chandu 4. Dr. Hemlata Jethanandani 5. Mrs. V. Selva Sharmila 6. Dr. Nellore Manoj Kumar 7. Mrs. Akkaraju Lalitha 8. Dr. M. Suganthi 		
104	Advanced Numerical Methods for Solving Magnetohydrodynamic (MHD) Equations in Complex Geometries	20244106 9199	Maths	12/9/2024	20/09/2024	<ol style="list-style-type: none"> 1. Dr. D. Rajani 2. Dr. M V D N S Madhavi 3. Dr. M. V. Ratnamani 4. Dr. Nellore Manoj Kumar 5. Dr. K. Abdul Razak 6. Dr. M. Elumalai 7. Dr. R. Sivaiah 8. Dr. Animesh Kumar Sharma 9. Dr. Radheshyam R. Sharma 	Published	Utility
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