

Research and Development Cell (RDC)



SIDDHARTHA

ACADEMY OF HIGHER EDUCATION

DEEMED TO BE UNIVERSITY

(Under Section 3 of UGC Act, 1956)
Kanuru, Vijayawada - 520 007, AP. www.vrsiddhartha.ac.in

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866 2584930

2022-23 Patents List								
1.	Diabetic Analyzer Unit	36740 2-001	CSE	07/07 /2022	20/12/20 22 (2022- 23) -8DP	1.Dr.K.Suvarna Vani 2.Majeti Sathvika (St) 3. Mahammad Alshad Sunain (St) 4.Keluth Hari Sankara Koteswara Lal (St)	Accepted & Published R_DP_11	Design (Student)
2.	Under Water Drone	37137 5-001	CSE	23/09 /2022		1. Dr S.Vasavi Students: 2. Mr. Gudimetla Hanumath Raj 3. Ms. Tatineni Sahithi 4. Ms. Yalamanchili Suhitha	Filed	Design (Student)
3.	Solar Power Generation Forecasting Using Ensemble Approach Based On Deep Learning And Statistical Methods	20224 10548 28	CSE	24/09 /2022	7/10/202 2 (2022- 23)-5UP	1 . Dr.S.Vasavi Students: 2 . Mr. Nalamolu Raja Reddy 3 . Mr. Mutakani Yaswanth 4 . Mr. Kallem Vamsi Kiran	Published	Utility (Student)
4.	A Device For Protection Against Pedophiles	20224 10563 59	CSE & EEE	30/09 /2022	25/11/20 22 (2022- 23)-	Ch. Rupa G. Srinivas Rao L. Suma Vivek(St)	Granted	Utility (Student)

					6UP 10/01/20 24 (2023- 24)	Chandra Lokesh(St) Uday Kiran (St)		
5.	An AI Based System For Providing A Multibranched Blockchain With Configurable Protocol Rules	20224 10681 67	CSE	26- 11- 2022	23-12- 2022 (2022- 23)-7UP	1. Mr.Jayavarapu Karthik 2. Ms.Tamilselvi.P 3. Dr.Vundela Padmanabha Reddy 4. Dr. Jose Reena 5. Ms.K.Jose Triny 6. Ms.S.Jayachitra 7.Mr.Akkala Yugandhara Reddy 8.Mrs.Chaitra S N 9. Dr.K.Abhimanyu Kumar Patro 10.Mrs.Deepa T	Published	Utility
6.	Artificial Intelligence Algorithm Utilised Intelligent Accident Indication System To The Rescue Team Using Thriving Cloud Computing	20224 10725 03	CSE	15/12 /2022	30/12/20 22 (2022- 23) -8UP	1 . Santhosh Boddupalli 2 . Mukesh Chinta 3 . Ch. Raga Madhuri 4 . A Manjula 5 . V Deepika 6 . Bukya Suresh 7 . Mr. Muntimadugu Vijaya Kanth 8 . Bachu Pradeep Kumar	Published	Utility
7.	An Efficient Machine Learning Technique For Brain Tumor Identification	20234 10030 52	CSE	16/01 /2023	03/02/20 23 (2022- 23)-9UP	1. Dr. G.Kranthi Kumar 2. Ajanthaa Lakkshmanan 3. Priyanka Nallusamy 4. Elgin Christo V R 5. Sudhaakar K 6. Ashok Bekkanti	Published	Utility
8.	Smart Door Lock Using Simultaneous Face Liveness And Face Detection Algorithms	20234 10090 20	CSE	11/2/ 2023	24/02/23 (2022- 23) - 10UP	1. Shaik Sameer (St.) 2. Dr G.Anuradha 3.K.Shanmukha (St.)	Published	Utility (Student)
9.	Dynamic Monitoring Of Bridge Under Heavy Water Flow	20234 10110 02	CSE, IT, CE	17/02 /23		1. V.V Naidu 2. V.Prabhakar 3. Dr G.Anuradha 4. Shaik Fatima 5. Malathi	Filed	Utility

10.	Design And Development Of Multi-Layered Security Using Cryptography And Steganography	20234 10164 40	CSE	12/3/ 2023	17/3/202 3 (2022- 23)- 11UP	1. Mr. A. Raghuvira Pratap 2. Ms. Macharapu Madhavi 3.Ms. Velavolu Sravanthi 4.Mr. Chitri Rami Naidu 5.Mrs. Y. Meghamala 6.Mr. Mandala Rajkumar 7.Dr. I. V. Prakash 8.Mr. Syed Muqthadar Ali 9.Mr. V. Rakesh 10)Dr. A. Ugendhar	Published	Utility
11.	Hazardous Gas Detection In Smart Bins Using Intelligent Waste Management	20224 10692 74	CSE	1/12/ 2022	30/12/20 22 (2022- 23) - 12UP	1.Dr.Sobhana Mummaneni Students: 2. Ms Akkineni Yogitha (St.) 3. Mr K.Santan Kumar (St.) 4 Ms Vadlamudi Nikhitha (St.)	Published	Utility (Student)
12.	Implementation Of Artificial Intelligence And Machine Learning Techniques For Data Analysis In Digital Marketing Using Ethical And Legal Dimensions	20234 10168 32	ECE	14/03 /2023	24/03/20 23 (2022- 23) - 13UP	1. Vijayasankar Anumala 2. Dr Mandeep Kaur 3. Dr. M. Neelima 4. Dr. M. Nirmala 5. Sheetal V. Hukkeri 6. Dr.M. Chandra 7. Dr.S. Jamuna Rani 8. Dr. R. Jeyanthi 9. Dr. Pankaj Balwantrao Chaudhari 10. Dr. Vijay Kumar Salvia 11. Aravindharamanan S 12. Dr. P. Vamsi Krishna	Published	Utility
13.	Systematic Study To Analyze The Impact Of Discrete Mathematics And Probability In The Theory Of Machine Learning	20234 10033 82	ECE	17/01 /2023	27/01/20 23 (2022- 23) - 14UP	1. G Venkatasubbaiah 2. Dr.Ratesh Kumar 3. Keshav Kumar K. 4. Manas Ranjan Mishra 5. Chennupalle Venkata Sai Raghavendra Reddy 6. Dr R M Mastan Shareef 7. Dr. A. K. Shrivastav 8. Chennupalle Divya 9. Dr. M.A. Rifayathali 10. Thulasimani T 11. Mohd Asif Shah 12. Dr. Vijay Kumar Salvia	Published	Utility

14.	A 6ghz Band Mimo Microstrip Antenna With Reduced Mutual Coupling For The 5g And Beyond	20234 10034 82	ECE	18/01 /2023	17/02/20 23 (2022- 23) - 15UP	1. Dr. A. Jhansi Rani 2. Dr. M. Padmaja	Published	Utility
15.	Implementation Of Blockchain Techniques In Supply Chain Management For Smart And Intelligent Computing	20234 10042 98	ECE	22/01 /2023	03/02/20 23 (2022- 23) - 16UP	1. Dr N Satyanarayana Murthy 2. Siddharth Jain 3. Haris Ghani 4. Dr. Habeeb Syed 5. Prakash Sharma 6. Dr Rajkumar Ashok Kankariya 7. Dr.S.Jaya Bharathi 8. M. Harish Behin 9. Kamlesh P. Thote 10. Mohd Asif Shah 11. Dr Vijay Kumar Salvia 12. Mohan S	Published	Utility
16.	Artificial Intelligence Based Technique For Fault Alarms And Power Performance Analysis In Hybrid Electric Vehicles Based On Hydraulic Technology	20234 10352 97	ECE	19/05 /2023	16/06/20 23 (2022- 23) - 17UP	1. V H Prasad Reddy 2. R.Ganesh 3. Dr.Y.N.Vijaya Kumar 4. Dr Ravi G Lingannavar 5. Mr. Milind R. Desai 6. B.Parkavi 7. Sanjeev A Janawade 8. K. Subashini 9. Dr. Pasupuleti Subrahmanya Ranjit 10. Dr. M.Thamil Alagan 11. Dr.A.Sasi Kumar 12. Dr.Sunil Kumar K	Published	Utility
17.	Monitoring And Forecasting Of Environmental Pollution Using Internet Of Things And Artificial Intelligence	20234 10132 25	ECE	27/02 /2023	17/03/20 23 (2022- 23) - 18UP	1. Shaik Fayaz Ahamed 2. Sangeeta Parihar 3. Dr. Pratik Kumar Jagtap 4. Dr.Santosh Kumar Sharma 5. Dr.C. Kandeepan 6. Dr.Bimla Pandey 7. Dr.Amit Kumar Pandey 8. Dr Sushant Bose	Published	Utility

						9. Mr. Davood Nihal 10. Sanjeevkumar Angadi 11. Suresh Palarimath 12. Prof. Rakesh Kumar Singh		
18.	A Frontline Robotic Vehicle For Covid Patient	35815 7-001	ECE	08/02 /2022	24/02/20 23 (2022- 23) – 9DP	1. Mrs Vanka Saritha 2. Bhuvaneswari Balachander 3. Prashant Sunagar 4. Dr. B. Uma Maheswari	Accepted & Published	Design
19.	A Methodology To Analyse The Images Of Kidney Captured Using Medical Modalities For Anomaly Detection With Algorithms Of Machine Learning	20224 10714 02	ECE	10/12 /2022	30/12/20 22 – (2022- 23) - 19UP	1. Ravi Raja Akurathi 2. Sumalatha A 3. Sheethal Aji Mani 4. Haripriya M P 5. Sumita Kumar 6. Diksha Madhav Bhalerao 7. Poonam Kapse 8. Dr.D.Kamalakkannan 9. Dr Mohd Asif Shah, 10. Mr. Hrudesht Priyadarshan Sahoo 11. Ms. Reema Dash 12. Dr.A.Sasi Kumar	Published	Utility
20.	Deep Convolution Neural Network For Health Data Images In Clinical Treatment Classification In Bigda	20224 10384 88	ECE	05/07 /2022	15/07/20 22 (2022- 23) -20 UP	1. Mr.P.Satyanarayana 2. Dr.K.Devipriya 3. Dr.V.Balaji Vijayan 4. Dr.R.Thiagarajan 5. Dr.Sheshang Degadwala	Published	Utility
21.	A Nanorobotic Arm to Operate in the Endoscopy	20234 10376 99	EIE	31/05 /2023	16/06/ 2023 (2022- 23)	Mr. Polepogu Rajesh Dr. A. Vijaya Sankar Mr. Manda Rajarao	Published	Utility
22.	Patient Medical Database Access System Using Fingerprint Over a Cloud Computing	20234 10017 08 A	EIE	09/01 /2023	03/02/20 23 (2022- 23) - 21UP	Mrs. K Umamaheswari Mrs. Kranthi Madala Ms. Pavithra B Ms. Madona B Sahaai Ms. E. Swarnalatha	Published	Utility
23.	Method and System for Developing Portable Power	20224 10406	EIE	15/07 /2022	22/07/20 22	Mr. Paruchuri Srinivas Dr. Swathi Nadipineni	Published	Utility

	Station for Charging Solar Based Electric Vehicles	32			(2022-23) - 22UP	Mrs. Korupu Vijayalakshmi		
24.	Construction An Intelligent Reinforcement Learning -Based Mobilelearning Environment For Universities In A Wireless Network	20224 10393 70	EIE	08/07 /2022	22/07/20 22 (2022-23) - 23UP	Mrs. P. SUSHMA CHOWDARY Mr. Ram Karthik Kumar K Mr. T. Kannan Mr. R.Ponneela Vignesh Dr. D Durga Prasad Mrs. Nithya. T	Published	Utility
25.	System and Method for Automated recognition of Routing Protocol	20224 10382 70	EIE	04/07 /2022	08/07/20 22 (2022-23) - 24UP	Mr. Maganti Srinivas Mr. Manapuram Ramesh Patnaik	Published	Utility
26.	A SMART CONTROL SYSTEM USING IoT FOR ELECTRIC VEHICLES MANAGEMENT AND METHOD THEREOF	20234 10418 01	EIE	23-06-2023	01-09-2023 (2022-23)	1) Polepogu Rajesh 2)Mr. R.L.Narayanacharyulu 3)Mr.B.Srinivas	Published	Utility
27.	A composition of concrete comprises nanocellulose	20224 10583 57	CE	12/10 /2022	23/12/20 22 (2022-23) - 25UP	Dr. VVN Prabhakar Rao	Published	Utility
28.	Plastic waste management system	37330 3-001	CE	21/10 /2022	16/01/20 23 (2022-23) - 10DP	1. Satish Sajja 2. Dilip Mishra 3. Dr. Mahima Srivastava 4. Dr. Syed Omar Ballari	Accepted & Published	Design
29.	A rubberized steel slag based thermally insulated geopolymer	20234 10026 50	CE	12/01 /2023	20/01/20 23 (2022-23) - 26UP	Anuja Charpe (inventor -4 th palce)	Granted	Utility
30.	A novel ecofriendly method to convert from toxic chemicals to nontoxic chemicals	20234 10057 34	CE	29/01 /2023	03/02/20 23 (2022-	1. Dr.P. Rajasulochana 2. Dr.T.Veera reddy 3. Dr.P.Krishna Prasanna	Published	Utility Patent

					23) - 27UP	4. Dr.Asish Kapoor 5. Dr. S. Christy 6. Kanakavalli Ramanujam 7. S. Fahira Tasneem		
31.	Development Of Machine Learning Methods Of Predict The Compressive Strength Of Concrete	20232 10225 56	CE	28/03 /2023	28/04/20 23 (2022- 23) - 28UP	1. Yogesh Ravindra Suryavanshi 2. Malathi Narra 3. M. Khyatin Vivek 4. Shubham Chauhan 5. Prashant Yadev Birbal 6. Dr. Eswara Veera Raghava Rao 7. Dr. Akhilesh Chepuri 8. Akhil Maheshwari	Published	Utility Patent
32.	Development of artificial intelligence techniques to predict the energy absorbption in fiber reinforced self compacting concrete	20233 10307 92	CE	28/04 /2023	05/05/20 23 (2022- 23) - 29UP	1. Dr. Anjan Kumar Dutta 2. Satish Sajja 3. Y suma 4. Yogesh Pathak 5. Swapnil Balkrishna Gorade 6 . Dr. T Naresh Kumar 7 . Mr. Kasibhatla Vishnu Vardhan 8 . Mr. Madapuri Hari Krishna 9 . Dr. N R Dakshina Murthy	Published	Utility Patent
33.	Experimental investigations on ultra high strength concrete for sustainable construction industry	20234 10353 36	CE	21/0 5/20 23	01/09/20 23 (2023- 24)	1. Y. Suma 2. Pratibha Mahesh Alandkar, 3. Yogesh Ravindra Suryavanshi, 4.Rewa Bochare, 5. Heleena Sengupta, 6. Swapnil Balkrishna Gorade, 7. Venkata Rambabu v, 8. G. Alekhya,	Published	Utility
34.	AI based Biometric attendance system with touch free body temperature screening	36634 4-001	IT	19- 06- 2022	10/03/20 23 (2022- 23) - 11DP	Dr.K.Sitakumari A.Balaram Dr.Prashant Kumar Talakoti Mamatha Dr. Brijesh Sathian Anvar Shathik J Renisha P S	Accepted & Published	Design Patent
35.	Artificial intelligence based smart vest to detect fluid in	36235	IT	11/04	15/07/20	Praveena nuthakki Anvar Shathik J	Accepted and	Design Patent

	lungs	3-001		/2022	22 (2022-23) - 12DP	Dr. S. Saravanan Dr.Rashmi N Dr. Brijesh Sathian Renisha P S	Published	
36.	Efficient Classification Of Spam Or Non-Spam Emails Based On The Segregation Of The Content In Health Care To Report Address The Emergency Notified Cases In Hybrid Cloud Using AI Technique	20224 10584 33	IT	12/10 /2022	18/11/20 22 (2022-23) - 30UP	Madhavi Katamaneni Dr.R.Arunadevi Sivasakthi T Kalpana S Dr.R.Navaneethakrishnan	Published	Utility Patent
37.	Artificial Intelligence And Iot Based Automatic Smart Health Care System To Monitor And Predict All Types Of Thyroid Diseases And Blood Sugar Level Using Image Processing, Cloud, And Deep Learning Algorithms	20224 10671 66	IT	22/11 /2022	25/11/20 22 (2022-23) - 31UP	Anuradha.T Mr. Melwin D Souza Mr. Varuna Kumara Raghi K. R Ravi Kumar Dr. Anjali Soni Dr R Hemalatha Dr M Manimaran Dr K Nagaiah Abhishek Satyarthi	Published	Utility Patent
38.	Device For Displaying Health Monitoring	37441 2-001	IT	19/11 /2022		Dr.G.Jayalakshmi Er. P. Satishkumar Dr. Pallavi Singh . Er. S.Seenivasan	Filed	Design
39.	Real-Time Disruption In IOT Devices Using Vulnerability Identification Via ML Algorithm Hierarchy	20224 10675 35	IT	24/11 /2022	02/12/20 22 (2022-23) - 32UP	S. Kranthi Madhukar D Dr. G. Srivatsava Dr. M. Yogita Akshay A Dr. D. Seshang Dr. R. Thiagarajan Dr. R. Ramkumar	Published	Utility
40.	Integrating Machine Learning To Inspect Modern Agriculture Investigations For Tea Leaf	20224 10675 40	IT	24/11 /2022	02/12/20 22 (2022-	K.Pranathi Anandhan.K Dr. Revathi K Sivadas K.Jayashree	Published	Utility

	Disease				23) - 33UP	Dr. Vikas Maheskar Dr. Sheshang Degadwala Dr. R. Thiagarajan Dr. R. Ramkumar		
41.	Iot Based Washing Machine For Agricultural Crops	37610 3-001	IT	24/12 /2022	24/02/20 23 (2022- 23) - 13DP	K.Madhavi	Accepted & Published	Design
42.	Machine Learning And Iot Based Device To Detect The Stress/Happiness Of Lecturers In Working Environment Like Institutions, Colleges, University Etc.	20234 10167 38	IT &MC A	13/03 /2023	24/03/20 23 (2022- 23) - 34UP	Geetha Guthikonda B. Lakshmi Mr.C.Balaji Dr. Cuddapah Anitha Dr.G.Naga Rama Devi D Surekha Mrs. P.K.Sheela Shantha Kumari Mr. Narendra Kumar	Published	Utility
43.	Iot Based Humidity Monitoring System Using Machine Learning Approach In Agriculture Field	20234 10014 98	IT	07/01 /2023	13/01/20 23 (2022- 23) - 35UP	Madhavi Latha Pandala Prof. Ratnakaram Venkata Nadh Mrs. Rita Yadav Mrs. A.P. Swarnalatha Dr. Savita Kolhe Dr. Latha Parthiban Mr. Makhan Kumbhkar Dr. Askarunisa A Dr. Meenakshi Sudarvizhi.S Mrs. S. Padmapriya Mr. Sasthi Kumar C Dr. Buddhadeb Pradhan	Published	Utility
44.	A Blockchain-Enabled Cloud Computing Platform For Distributed Applications	20234 10399 05	IT	12- 06- 2023	18/08/ 2023 (2022- 23)	Polagani Rama Devi Dr.BJD Kalyani Mr.M.Sabari Ramachandran Mr.K.Sreekanth Mr.Tulasi Rajesh Mr.Shaik Johny Basha Dr.Pilli.Lalitha Kumari	Published	Utility

						Dr.P.G.K.Sirisha Dr.Jitendra Singh Dr.Nagarjuna Reddy Gujjula		
45.	Machine Learning Based Stress Detectiondevice	38770 1-001	IT	05/06 /2023	04/08/20 23	Ch.Nanda Krishna Venkat Namdev Ghodke Dr.K.S.Jeen Marseline Dr.J.Viji Gripsy K.N.V.Satyanarayan Swati Vilaasrao Dhonde	Accepted & Published	Design
46.	Photovoltaic Solar Power Generation with Maximum Power Point Tracking	20224 10674 75	EEE	24/11 /2022	02/12/20 22 (2022- 23) - 36UP	Gummadi, Srinivasa Rao, Valluru Harivamsi, BathinaVenkateswara Rao	Published	Utility
47.	Solar Home Automation And Security System	20224 10741 18	EEE	21/12 /2022	30/12/20 22 (2022- 23) - 37UP	1 . Dr. Akanksha Mishra 2 . Dr. G. V. Nagesh Kumar 3 . Dr. Ramisetty Umamaheswari 4 . Dr. DUVVADA DEEPAK CHOWDARY 5 . Dr. Bathina Venkateswara Rao 6 . Dr. P.V.S. Sobhan 7 . Nagaraju Angajala 8 . VEMPALLE RAFI	Published	Utility
48.	A Multifunctional Foldable Solar Photovoltaic Assembly With IOT Connectivity And Method Thereof	20234 10066 52	EEE	01/02 /2023	24/02/20 23 (2022- 23) - 38UP	Rajesh Panda et al.	Published	Utility
49.	Solar-Powered Autonomous Seed Sowing Machine	20234 10105 38	EEE	15/02 /2023	23/03/20 23 (2022- 23) - 39UP	1 . Dr. A Veera Reddy 2 . Dr. Bathina Venkateswara Rao 3 . Dr. T A Selvan 4 . Mr D Antony Prabu 5 . Mr S. Rajesh 6 . Mr R Balamurugan 7 . Dr M Bhuvaneswari 8 . Mr S Madhankumar	Published	Utility
50.	IoT Based Inauguration Curtain System And Method Employed Thereof	20234 10300 02	EEE	26/04 /2023	26/05/20 23 (2022-	N. Vamsi Krishna, Madhusudana Rao Ranga, A. Veera Reddy, P.V.R.L. Narasimham	Published	Utility

					23) - 40UP			
51.	Semi-Automated Forming Structure	37490 5-001	ME	30/11 /2022	21/02/20 23 (2022- 23) - 14DP	Ragha Sai Muthy Puppala (Student) Gopinadh Chowdary Ponnaganti Dr. Venkateswarlu Alapati Sri Charan Sangala(Student) Naga Bharadwaj Purighella (Student) Gaurav S Kumar(Student) Simhadri Indrasena Reddy Dr. Phani Prasanthi	Accepted & Published	Design
52.	Safety Airbags For Motor Cycles	37490 6-001	ME	03/11 /2022	01/02/20 23 (2022- 23) - 15DP	Ragha Sai Muthy Puppala (Student) Dr. Venkateswarlu Alapati Gopinadh Chowdary Ponnaganti Sri Charan Sangala(Student) Naga Bharadwaj Purighella (Student) Gaurav S Kumar(Student) Alapati Adilakshmi Dr. Phani Prasanthi	Accepted & Published	Design
53.	3-In-1 Water Purifier, Water Cooler & Air Cooler	20234 10017 23	ME	09/01 /2023	27/01/20 23 (2022- 23) - 41UP	M. Sumalatha B. Supraja Reddy M. Bala Chennaiah Shaik. Shoaib (Student) Amboji. Sai Charan (Student)	Published	Utility
54.	Automatic Seat Belt Mechanism For Automobiles	20234 10093 92	ME	13/02 /2023	24/03/30 203 (2022- 23) - 42UP	Dr. G. Dilli Babu Dr. M. Bala Chennaiah Dr. M. Sumalatha B. Rakesh Kumar (Student) BLSVD Madhu (Student) S. Sai Varun (Student) Shaik Shoaib (Student)	Published	Utility
55.	A Method Of Regenerating Electricity Using Reinforced Carbon Nano Composite In Bicycles	20231 10147 29	ME	05/03 /2023	12/5/202 3 (2022- 23) - 43UP	Radhey Shyam Meena Vivek Sharma Dr. Prakash Babu Kanakavalli Shilpa Urekar Prof. (Dr.) Mohammad Israr Dr.Raghuram Pradhan Mr. S. Siva Chandran	Published	Utility

56.	Semi Automated Spot And Grab Harvesting Arm	20234 10410 75	ME	16/06 /2023	-	A.N.Phani Deepthi Dr.M.Sumalatha Shaik Hazarth Moulali (Student) Kodali Devi Saran(Student)	Filed	Utility
57.	Smart Water Bottle	38859 4-001	ME	19/06 /2023	08/09/20 23 (2023- 24)	Ch. Venkata Prasad G. Sulochana D. Tarun M. Balaji Naik Ujwal Teja Mallampalli Anna Eswara Kumar	Accepted & Published	Design
58.	Long Range Agriculture spy robot vehicle with night vision	20224 10444 65	ME	03/08 /2022	12/08/20 22 (2022- 23)	B. Supraja Reddy Quantum University Mahatma Education society Miss. Parinidhi singh Dr. Reena Singh Dr. B.K. Sarkar	Published	Utility
59.	Intermittent Tyre Tube	20224 10476 82	ME	22/08 /2022	23/09/20 22 (2022- 23)	Karteek Navuri Dr. Mangalagiri Balaji A.V. S. Ram Prasad Karedla Lakshmi Kishore Ayinala Naga Sai	Published	Utility
60.	A Convolutional Neural Network based structural health monitoring system	20224 10509 46	ME	06/09 /2022	16/09/20 22 (2022- 23)	Dr M. Balaji Arul Mozhi.P Naveen Mukkapati K.Sathish Vijayabhaskar V Dr. Sambath M Dr. M. Ravichandran	Published	Utility
61.	Mobile Application Based Urine Sample Testing Kit Employing Image Processing	20234 10264 94A	MCA	10- 04-23	05-05-23 (2022- 23)	1. Mrs.M.Prasanna Lakshmi 2. Mrs.S.Parvathy 3. Ms.Sneha suma Hegde 4. Dr.S.Mohan 5. Dr.V.R.Niveditha 6. Dr.J.Jerusalim Carol 7. Dr.P.Rajasekhar 8. Mrs.P.Santhiya 9. Dr.R.Venkatesan	Published	Utility

						10. Adarsh M J		
62.	A System For Creating Audio-Visual Summaries based on Machine Learning	20234 10307 38A	MCA	28-04-23	05-05-23 (2022-23)	1. P.Srikrishna Bharadwaj (Student) 2. Dr. K.Anji Reddy 3. V.Giri Sai (Student) 4. S.Lakshmi Vara Prasad (Student)	Published	Utility
63.	Artificial Intelligence (AI) Based System for Predicting Individual's Health Behavior and Method Thereof	20234 10307 37A	MCA	28-04-23	05-05-23 (2022-23)	1. Chekka Nithin Ramji (Student) 2. Veerapaneni Esther Jyothi 3. Venkata Satya Harika Katari (Student) 4. Varri Siva Kumar (Student) 5. Ogirala Saikumar (Student) 6. N. Sampreeth Chowdary	Published	Utility
64.	A Machine Learning-based System and Methods for Identifying Security Concerns in a Computer Network	20234 10307 39A	MCA	28-04-23	05-05-23 (2022-23)	1. CH.Soundarya Naga Divya (Student) 2. Ramakrishna Regulagadda 3. K.V.Y.Sunny Kumar Reddy (Student) 4. Nandamuri Prathima (Student) 5. Macharla Ravi Kishore (Student)	Published	Utility
65.	A System for Modifying Data Using Neural Networks and Method of Operating the same	20234 10307 40A	MCA	28-04-23	05-05-23 (2022-23)	1. G.Purna Sai Nikhitha (Student) 2. Ramakrishna Regulagadda 3. N.Yamini (Student) 4. R.Vyshnavi Priya (Student)	Published	Utility
66.	A System for Assisting Individuals by Suggesting Responses and Method of Operating the Same	20234 10352 33	MCA	19-05-23	01/09/20 23 (2023-24)	1. J.Hari Krishna 2. K.Siva Naga Manikanta (Student) 3. D.Rohitha Bramaramba (Student) 4. Gunji Mahesh Babu (Student) 5. Maddi Dinesh (Student)	Published	Utility
67.	A Method For Real-Time Predictive Modelling Using Machine Learning	20234 10353 46	MCA	21-05-23	18/08/20 23 (2023-24)	1. Ms.Nerji Yamini (Student) 2. B. Srinivas 3. Dr. K.Parish Venkata Kumar 4. Mr.Maddipatla Dileep (Student) 5. Ms.Ejju Jaya Sri (Student) 6. Mr.Duddu Sandeep Kumar (Student)	Published	Utility
68.	A System For Predictive Maintenance Using Machine Learning	20234 10353 37	MCA	21-05-23	01/09/20 23 (2023-24)	1. Mr.Maddipatla Dileep (Student) 2. B. Srinivas 3. Dr. K.Parish Venkata Kumar 4. Mr.Boppana Praveen Raj Kumar (Student) 5. Mr.Koyi Ratna Rao (Student) 6. Mr.Vijay Babu Kokku (Student)	Published	Utility
69.	Project management system and	20234	MCA	21-	16/06/20	1. Ms.Mangiseti Madhuri (Student)	Published	Utility

	method for attaining users and business	1035345		05-23	23 (2022-23)	2. Dr. K.Parish Venkata Kumar 3. Mr.B. Srinivas 4. Mr.Nalam Kalyan Chakravarthi (Student) 5. Ms.Deevi Manogna Krishnaveni (Student) 6. Mr.Janjanam Venkata Vinay (Student) 7. Mr.Mukki Ravi Kumar (Student) 8. Mr.Varada S T R S S Chandu Guptha (Student) 9. Ms.Galla Ushasri (Student)		
70.	A Smart Control System using IoT for Electric Vehicles Management and Method Thereof	202341041801	MCA	23-05-23	01/09/2023 (2023-24)	1. Mr.Polepogu Rajesh, EIE Dept., VRSEC 2. Dr. K.Parish Venkata Kumar 3. Mr.B. Srinivas 4. Mr.Saladi Durga Maheshi (EIE Student) 5. Mr.Sompalli Vijay Kumar (EIE Student) 6. Ms.Shaik Susan Kajal (EIE Student) 7. Ms.Jillella Navya (EIE Student) 8. Ms.Siddabattuni Shanmukha Sri (EIE Student) 9. Ms.Bhatraju Pujitha (EIE Student) 10. Mr.Sasanala Varun (EIE Student)	Published	Utility
71.	Secure Multi-Party Computation System for Privacy-Preserving Data Analytics	1202851	MCA	23-05-23 (Canadian IP)		1. Dr.Ramu Vankudoth, Malla Reddy, Hyderabad 2. Ms.Kademani Anu (Student) 3. Ms.Prachi Shriram Gurav, St. John, Palghar 4. Mr.Saidam Krishna Babu (Student) 5. M.Prasanna Lakshmi 6. Ms.Dasi Revathi (Student)	Filed (Canada)	Copyright (Student)
72.	Novel Immunotherapy Agents and Methods for Treating cancer and other diseases	1202850	MCA	23-05-23 (Canadian IP)		1. Mrs.M. Prasanna Lakshmi 2. Ms.B.Bhagyasri (Student) 3. Ms.B.Lakshmi Durga (Student) 4. Ms.V.Kundana (Student) 5. Ms.K.Mounika (Student) 6. Sugumar Mohanasundaram	Filed (Canada)	Copyright (Student)
73.	An IoT Based System For Regulating Drip Irrigation and Method of Operating the Same	2023410338880	MCA	06-06-23	(2023-24)	1. Dr. K.Anji Reddy 2. Katta Gopi (Student) 3. Shaik Shabeena (Student) 4. Akula Gowthami (Student) 5. Gopu Mani Durga Siva Sai (Student) 6. K. Ram Santhosh Reddy	Published	Utility (Student)
74.	Smart Robot for Book Handling in Libraries	2023410126	MCA	26-06-23	(2023-24)	1. J.Hari Krishna 2. Ch.Tarun (Student)	Published	Utility (student)

		22				3. G.Janaki (Student) 4. I.Srujana (Student)		
75.	A System for Monitoring Plants with an Adaptive AI Training data Acquisition and Method Thereof	20234 10433 74	MCA	28- 06-23	01/09/20 23 (2023- 24)	1. K.Likitha (Student) 2. Mr.R.Madhukanth 3. K.Sai Jaswitha (Student) 4. A.Vaishnavi (Student) 5. M.Vahini (Student)	Published	Utility (student)
76.	An IoT Based System and Method for Estimating Lung Cancer Probability	20234 10436 06	MCA	29- 06-23	01/09/20 23 (2023- 24)	1. Mrs.B.Lakshmi 2. Dr.Poonam Sharma 3. Mr.N.Raghava Rao 4. Mr.Sk.Ali Moon 5. Dr.S.Selvakanmani 6. Mr.Ram Niwas 7. Mrs.Jyothi Balreddygan 8. Dr.K.Gagan Mohan 9. Dr.Farhad F Mehta 10. Dr.Yogesh Kumar	Published	Utility
77.	Zinc Comprising Nanoparticles and related Nanotechnology	20224 10395 14	Physic s	9-7- 2022	15-07- 2022 (2022- 23) - 50UP	1. Dr. Kolla Narendra 2. Dr. Nana N Shejwal 3. Dr. N.S.M.P.Latha Devi 4. Mr. Haragouri Mishra 5. Dr. K. A. Emmanuel 6. Dr. T. Clarina 7. Dr. K. Umamakeshvari 8. Dr. Lakshmipriya M 9. Dr. S. Gnanam 10. Dr. M. Parthasarathy	Published	Utility Patent
78.	Green Nanotechnology impact and Application on the Environment industry	20221 10473 95	PHYSI CS	19/08 /2022	Publishe d 02/09/20 22 (2022- 23)	Dr. Surendra Kumar Yadav, Shaik Ib.Mohammed Dr.SK.Fakruddin Babavali Santosh Kumar Nathsharma	Published	Utility
79.	Composition of green nanomaterials synthesized using sustainable and renewable	20234 10266 98	PHYSI CS	10/04 /2023	Publishe d 05/05/20	Dr. M.S.N.A. Prasad Dr. Bipin Kumar Srivastava	Published	Utility

	energy sources				23 (2022-23)	Dr. SK. Fakruddin Babavali Dr. Aakash Singh Dr. Mayuri R Joshi Dr. S. Cynthia Dr. Nellore Manoj Kumar Dr. S. Dastagiri Dr. U. Nagababu Dr.B.Radhakrishna		
80.	Self-Assembling Organic Nanomaterials for Targeted Drug Delivery	202341032906	PHYSICS	10/05/2023	Published 23/06/2023 (2022-23)	Dr. B. Rupa Venkateswara Rao Dr. N. Manoj Kumar Dr. A. Rambabu Mrs. Manasa. N Dr. Parvathala Ankoji Dr. M.S.N.A.Prasad Dr. C. Sivanandha Reddy Mr. Mohanraj K S Ms. Shraddha Sandeep Chavan Dr. Sumanta Bhattacharya	Published	Utility
81.	A novel High Silica glass composition and method thereof	Application number: 202241042300	Chemistry	23-07-2022	19-08-2022 (2022-23) - 51UP	Dr. Chargarlamudi Kavitha , Dr. K. Suresh , Dr. Madhu A , Dr. Y. Anantha Lakshmi, Dr. S. Shanmugan, Mr. A. Mallikarjuna , Dr. G.Sujatha I Mr. Venkata Charan Kantumuchu, Dr. Srinivas Ganganagunta, Dr. C.S. Dwaraka Viswanath, Dr. D. V. Lokeswar Reddy	Published	Utility
82.	A novel Nanocellulose and	Applic	Chemistry	27-	02-09-	Dr. Y. Raja Jaya Rao, Dr. M. Durga Bhavani , Dr. B. Raj	Published	Utility

	lignosulphate based adhesive coacervate composition and preparation method thereof	ation Number: 20224 10490 43	stry	08-2022	2022 (2022-23) - 52UP	Kumar, Dr. R. Kusuma, Mr. Y. Govinda Rao, Mr. A. Mallikarjuna, Dr. G. Sujatha, Dr. Damayanthi Dalu, Dr. Chilukoti Ashok, Mr. Yagnambhatla Rajendra ,Dr. Nihar Ranjan Kar		
83.	Deep learning based technique integrated with time series data for accurate prediction of plant growth and yield	20221 10693 52	Chemistry	01-12-2022	30-12-2022 (2022-23) - 53UP	Ritu Nagila, Dr.Cyril Lucy Monica ,DR.Jayasri Murali iyengar,DR.Amar Kumar Dey, Prajval v, R Vani, DR.V.Balaji,DR.Thomas Leonid T,Majeed Hazzaa Nomaan, DR.Sasi Kumar, Archana Dipak Pathare,Ranjth Subhash Pawar	Published Patent Journal No:52/2022	Utility
84.	Nanochip and biosensor – based precision farming	20234 10056 97	Chemistry	28-02-2023	03-02-2023 (2022-23)	1. Dr.M.Durga Bhavani 2.Dr.b.Arun Kumar 3. Dr.M.Manjula 4. Dr.Shaik Fakruddin Babavali 5. Dr.M.Reddi Babu 6. Dr.Shoba Thakur 7. Mrs.V.rama Lakshmi 8. Dr.Richa Sharma 9. Mr.Adabala Kumar Sanjay 10.Dr.K.V.Madhusudhan	Published	Utility Patent
85.	Biodegradable Organic Nanomaterials for Sustainable Agriculture and Crop Protection	20234 10382 88	Chemistry	03/06 /2023	30/06/2023 (2022-23)	Dr. Avula Balakrishna Dr. M. Srilakshmi Dr. V. L. Nirmal Bhargavi Dr. Prafulla Gendaji Bansod Dr. Nellore Manoj Kumar Dr. S. Mani Maran Dr. Ashok Kumar Koshariya Dr. Gyanendra Kumar Dr. K. Parimala Dr. Srinivasa Reddy Bireddy	Published	Utility
86.	Method and system for Anomaly Detection in Identification Management by	20234 10005 64	MBA	4/01/2023	(2022-23)	1. Dr. PRK Raju 2. Dr M Vijay Kumar 3. Dr V Narasimha Rao	Published	Utility

	Human Resource (HR) using Artificial Intelligence (AI)					4. Dr K Satish 5. Dr PVM Raju 6. T Sumallika 7. Dr R. Hepsiba		
87.	Artificial Intelligence Based Method and Process of Collecting Financial Transaction Data	20221 10556 80	MBA	28/09 /2022	7/10/2022 2 (2022-23) - 54UP	1. Dr. Stany Thomas Cangan 2. Mrs. Tanya Stany Cangan 3. Dr. Y. Srinivasa Rao 4. Dr. Padavala Sai Prasad. 5. Dr. B.P. Bijay Sankar 6. Mrs. Megha J 7. Mrs. Jyothi PK 8. Ms. D Chaitra 9. Dr. P. Edith Linda 10. Dr. Padmaja Tripathy	Published	Utility
88.	Method And System For Artificial Intelligence (Ai) Based Performance Management System For Hr Assistance	20234 10285 90	MBA	19/04 /2023	05/05/2023 (2022-23) - 55UP	1 . Dr. M. Vijay Kumar 2 . Dr. V. Narasimha Rao 3 . Dr. Valli Madhavi Koti 4 . Mrs. Sakala Ragini 5 . Mr. P. Sudhakara Rao 6 . Mr. Mahankali Srinivasa Rao	Published	Utility
89.	IOT-based Simulation of Three Phase Multilevel Inverter with Fewer Switches	20234 10174 89	MBA	15/3/ 23	31/3/23 (2022-23) - 56UP	1. Dr. K. Raghuv eer 2. Dr. B. Hari Babu	Published	Utility
90.	An Online Quiz and assessment system using ICT Tools to improve students' learning outcome	20234 10121 53	MBA	22/2/ 23	17/3/23 (2022-23) - 57UP	1. Dr. K. Madhavi 2. Dr. K.V. Madhusudhan 3. Mr. D D D Suribabu 4. Dr. N. Bindu Madhavi 5. Dr. K. Pradeep Reddy 6. Er. Rishabh Chaudary 7. Mrs. Swarupa Arjya 8. Mrs. S. Bala Kumari 9. Dr. Kamala Srinivasan 10. Dr. Rajasekhar Koduru	Published	Utility
91.	Modern remote healthcare monitoring system using 5G	20234 10072 47	MBA	4/2/2 3	10/2/23 (2022-23) -	Dr. K. Madhavi Dr. Nellore Manoj Kumar Dr. M. Subalakshmi	Published	Utility

					58UP	Dr. A. Suriya Mr. Konanki Srihari Yadav (MBA Student) Ms. Kamini Sahithi Priyanaka (MBA Student) Ms. Kondasani B Sri Vijaya Lakshmi Prasanna (MBAStudent) Mr. Konka Naveen (MBAStudent) Dr. Sahabul Alam Mrs. K. Lakshmi		
92.	A System for Detecting Dissipation effects in Convective Heat and Mass Transfer through Nano fluids	20234 10212 31	Maths	24/03 /2023	07/04/20 23 (2022- 23) - 59UP	1.Ogiboina Ramakrishna 2.Akuri Sandhya 3.Karnati Veera Reddy 4.Gladys Tharapatla	Published	Utility
93.	An Artificial intelligence and IOT based fabric defect detection and Method thereof	20234 10229 07	Maths	29/03 /2023	05/05/20 23 (2022- 23) - 60UP	1.Dr.J.Siva Ram Prasad 2.Dr.Ch.Baby Rani 3.Dr.E.S.Rama Ravi Kumar 4.Dr.Valli Madhavi Koti 5.Dr.J.V.Anil Kumar 6.Mrs.C.Radhika 7.Dr.G.Manikandan 8.Mr.Srikanth B 9.Mrs. Sanju Xaviar 10.Mrs.Anusha Deshpande	Published	Utility
94.	An Analytical approach for solving Fractional Differential Equations with Non-Homogeneous Boundary value issues.	20234 10229 09A	Maths	29/03 /2023	05/05/20 23 (2022- 23) - 61UP	1.Dr .M.V.D.N.S Madhavi 2.Dr. D. Rajani 3.Dr. Vijesh V V 4.Mr. Charajnit Singh 5.Ms. Uttara Vijaykumar Deshmukh 6.Dr. Udaya Kumara K N 7.Mr. T.R.K.D.Vara Prasad 8.Dr. Banitamani Mallik 9.Dr. K.S.Srinivasa Babu	Published	Utility
95.	A System and method for algebraic cryptography	20234 10309 42A	Maths	01/05 /2023	16/06/20 23 (2022- 23) -	1.Dr.E.S.R.Ravi Kumar 2.Dr.J. Siva Ram Prasad 3.Mr.Pushkarprabhat D Saxena 4.Dr.S.Venkateswarlu	Published	Utility

					62UP	5.Mrs.Akkaraju Lalitha 6.Mrs.Sujata Patil 7.Dr.Nellore Manoj Kumar		
96.	A Systematic Statistical Measurement of the effect of Stocktaking on Business Performance in small and medium enterprises.	20231 10332 10	Maths	11/05 /2023	28/07/20 23 (2023- 24)	1.Dr. Vijay Prakash Srivastava 2.Capt.M.S.V.D.Sudarsan 3.Dr.Dilip Rambhau Jagtap 4.Dr.Lalit Mohan Trivedi 5.Dr.Manuj Kumar Agrawal 6.Dr.Bina Sarkar 7.Dr.Sachin Kumar Agrawal 8.Dr.Richa Mehta 9.Yaseen pasha 10.Dr.B.Amarnath Reddy 11.Dr.T.Ravichandran 12.Ms.Ch V L L Kusuma Kumari	Published	Utility
97.	A Smart control System using IOT for Electric Vehicles Management and Method Thereof	20234 10418 01	Maths	23/05 /2023	01/09/20 23 (2023- 24)	1.Mr.Polepogu Rajesh 2.Mr.R.L.Narayanacharyulu 3.Mr.B.Srinivas 4.Ms.Jillella Navya 5.Ms.Siddabattuni Shanmukha Sri 6.Ms.Bhatraju Pujitha 7.Mr.Sasanala Varun 8.Ms.Nakka Saranya 9.Ms.Karanam Gayathri 10.Ms.Disisala Hemachandu	Published	Utility
98.	Method And System For AI-Based Communication Skill Training	20234 10343 88 A	Englis h	16/05 /2023	30/06/20 23 (2022- 23) - 64UP	1)Dr. M. Jayaranjan 2)Ms. P. Venkata Ramana 3)Dr. Jayanthi S.V.Gopala Sarma 4)Dr. Pavani Manne 5)Dr. Sadasivam Rani 6)Dr. Krati Kulshrestha 7)Mr. Ganapathi Jagarapu 8)Dr. Venkateswarlu Chandu 9)Dr. Elia Thagaram 10)Mr. Jangam Jawaharbabu	Published	Utility

99.	A System For Assisting Individuals By Encoding Visual Words And Method Thereof	20234 10355 35	English	23/05 /23	01/09/20 23 (2023- 24)	1. Dr. B. V. V. Padmavathi 2. Dr. M. Silpa 3. Jasti Pushpa Latha 4.Kodali Sandhya Rani 5.Rajani Devi Kunapareddy	Published	Utility
100.	A Digital Story Telling System Using Multimedia To Enhance Student Learning And Creativity	20234 10072 06	English	4/02/ 23	24/02/23 (2022- 23) - 65UP	1. Dr. Antony Joseph 2. Ms. Pashiya M 3. Dr. Pavani G 4.Dr. G. Varada Rajulu 5.Mrs. Devi Mohan 6.Dr. Baiju Krishnan 7.Dr. P. Gouthami 8.Dr. D. Sravana Jyothi 9Dr. Shakila Bhanu Shaik 10. Dr. N. Bindu Madhavi	Published	Utility
101.	Quasi-Experimental Methodology To Assess Game-Based English Vocabulary Development In ELT	20234 10042 87	English	21/01 /2023	17/02/20 23 (2022- 23) - 66UP	1)Dr.G.Nageswara Rao, 2) Dr. Dasam Sridevi, Assistant. 3)Dr.Mantri Venkata Raghu Ram, 4)Dr.Narayana Bashyam 5)Dr. Srinivas Suppala, 6)V N K Murthy Karumanchi, 7)V. Aruna, 8)Ganesh Dandu,	Published	Utility

102.	Automatic Recommendation System To Overcome Depression In Dysfunctional Behavior Using Machine Learning Techniques	20234 10113 58	English	20/02 /2023	24/03/20 23 (2022- 23) - 67UP	1.Dr. Dasam Sridevi 2. Dr. Chandrashekhar Goswami 3. Pradheeba P 4. Gayatri Joshi 5. Surekha Byakod 6. Dr. Sheshang Degadwala 7.Dr. M. Pandi Maharajan 8. Rahul Ganpatrao Sonkamble	Published	Utility
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