List of Patents Published / Awarded during 2021 - 2022

S. No.	Name of the Faculty Member	Title of patent published / awarded	File Number	Date of Publication / Awarded
1	Dr.A.Ugendhar	ML strategy for performance enhancement of phase change material for a smart control solar application	202241059633 A	19/10/2022
2	Dr.Rishi sayal	web based speech synthesis mobile APP for blind people	202241009450A	22/2/2022
3	Dr. P. Jagadeesan	Systematic approach for monitoring the pollution control in smart cities and addressing the security challenges integrated with IOT	202241055171	27/5/2022
4	Dr Ananad Mohan Vemula	Novel system, method of development of phenol formaldehyde hybrid polymer composite reinforced with prosopis juliflora fiber, wood dust particles and coir dust particle	202241025187A	29/4/2022
5	Dr. Syed Omar Ballari	A System for porous flow approach to modeling mixed traffic	3337	25-03-2022
6	Dr. Syed Omar Ballari	Safety helmet with solar powered fan for construction workers	361255-001	25-03-2022
7	Mr.D.Saidulu	Framework For IoT Based Smart Agriculture Monitoring System Using Cloud Computing Techniques	202241016057	23/3/2022
8	Dr. Syed Omar Ballari	Advanced robotic application to supervise the construction site and to check for dimensional deformities	202221012858	9/3/2022
9	Dr.M.I.Thariq Hussan	Automatic Salt Segmentation with Unet in Python Using Deep Learning	202141058237	14/12/2021
10	Dr. Vikas Maheswari	Women Saftey Smart Device with Location Sharing Using IOT	202241001657	12/1/2022

11	Dr. Md Rashid Mahamood	Women Saftey Smart Device with Location Sharing Using IOT	202241001657	12/1/2022
12	Manpreet Kaur	Women Saftey Smart Device with Location Sharing Using IOT	202241001657	12/1/2022
13	Dr.M.I.Thariq Hussan	Intelligent Vote Casting Method to Prevent the Fake Voting and Implementation of Automated Polling System using Raspberry PI	202241000543	5/1/2022
14	Pillalamarri Laxman	An automatic and semi-automatic system to protect crops	201111056467	12/6/2021
15	Dr. Ch. Subbalakshmi	Writing board with arrangement of projector and camera	350663-001	10/4/2021
16	Dr.M.I.Thariq Hussan	Machine Learning Supported Predictive System and Method of Analyzing the Emotion of Customers Thereof	202141022674	21/5/2021
17	Dr. Md Rashid Mahmood	Covid-19 Outbreak Analysis and Predicton with Deep Learning and AI	202141045772A	10/7/2021
18	Dr. Harpreet Kaur	Covid-19 Outbreak Analysis and Predicton with Deep Learning and AI	202141045772A	10/7/2021
19	Manpreet Kaur	Covid-19 Outbreak Analysis and Predicton with Deep Learning and AI	202141045772A	10/7/2021
20	Dr. Vikas Maheshwari	Covid-19 Outbreak Analysis and Predicton with Deep Learning and AI	202141045772A	10/7/2021
21	Dr. Binod Kumar Prasad	Covid-19 Outbreak Analysis and Predicton with Deep Learning and AI	202141045772A	10/7/2021
22	Dr. R K Singh	Covid-19 Outbreak Analysis and Predicton with Deep Learning and AI	202141045772A	10/7/2021
23	Pillalamarri Laxman	An electro-mechanical anti-drowning autonomus rescue system for swimming pool	202111009202	3/5/2021
24	Mr.D.Saidulu	A System For Determining Indoor Location Using A Digital Visual System Based On Internet Of Things (IoT) And Method Thereof	202131052161	14/11/2021

25	Dr.Harish Kundra	Biogas Production using Kitchen Wastes with Rice Straws and Monitoring using AI	202141031205 A	7/12/2021
26	Dr.Harish Kundra	Intelligent Flying Car to Detect the Object then Take a Decision for Landing and Departing	2021103272	6/10/2021
27	Dr.S.Nagakalyan, Dr.M.Ramalinga Reddy & Mr.V. Gopal	Methodology for prevention of children trapping in borewell open holes	202141043014 A	22/09/2021
28	Naga V Satyanarayana Murthy	An effective vlsi architecture for data encryption standards and its fpga implementation	202141043525	25/9/2021
29	Anjaneyulu Mekala	PRODUCTS / SERVICES BASED ON MCDSN USING SQL SERVER	202141038259 A	24/08/2021
30	Dr. Sandeep Patil	Ai for efficient assessment and prediction of human performance in collaborative learning environment	202141037142	16/8/2021
31	Dr. K Shashidhar	Ai for efficient assessment and prediction of human performance in collaborative learning environment	202141037142	16/8/2021
32	Dr.Harish Kundra	Designing a Model to DetectDiabetes using Machine Learning	2021103883	7/5/2021
33	Dr. Vikas Maheshwari	Process and Method of Scalable Framework for Finding Competitors from Large Unstructured E-commerce Data	202121027194A	18/06/21
34	DR. Vikas Maheshwari	Process and Method of Algorithm for Real Time Financial Signal Representation and Trading using Neural Network	202121027193A	18/06/21
35	Dr.Harish Kundra	IOT and Cloud Based Design and Development of Smart Bus Management System	202141030193 A	7/5/2021
36	Dr. E. Madhusudana Reddy	Location Privacy Using Malo-K-Anonymity	202141031284	12/7/2021

37	Dr. Chandragupta Mauryan K S	IoT based corrosion control and electrolyte monitoring in Lead-Acid Batteries	2021101923	14.04.2021
38	D. Surender Rao	Human action acknowledgment utilizing deep learning with profound portrayals	202141024063	30/5/2021
39	V. Sai Babu	Human action acknowledgment utilizing deep learning with profound portrayals	202141024063	30/5/2021
40	Mr. O Ravinder	Human action acknowledgment utilizing deep learning with profound portrayals	202141024063	30/5/2021
41	Mr. K Krishna Kumar	Human action acknowledgment utilizing deep learning with profound portrayals	202141024063	30/5/2021
42	Prof. S Maheswara Reddy	Human action acknowledgment utilizing deep learning with profound portrayals	202141024063	30/5/2021
43	Srinivas Nanda	Human action acknowledgment utilizing deep learning with profound portrayals	202141024063	30/5/2021
44	Dr. B. Kedarnath	Intelligent Human Body Detection System Through Wall	202141033333A	24/7/2021
45	Dr. Binod Kumar Prasad	Intelligent Human Body Detection System Through Wall	202141033333A	24/7/2021
46	Dr. Md Rashid Mahmood	Intelligent Human Body Detection System Through Wall	202141033333A	24/7/2021
47	Dr. Harpreet Kaur	Intelligent Human Body Detection System Through Wall	202141033333A	24/7/2021
48	Dr. Vikas Maheshwari	Intelligent Human Body Detection System Through Wall	202141033333A	24/7/2021
49	Dr. K Shashidhar	Utilization of internet of things to optimize the human task in an industry 4d context	202141024603	21/07/2021
50	Prof. Ashwala Mohan	Utilization of internet of things to optimize the human task in an industry 4d context	202141024603	21/07/2021

51	Dr.Harish Kundra	An Automated Advertiding Method for taking Personalized and Staying Location based informational offers related to immediate business using Machine Learning Tool	2021107100	25/08/2021
52	A. Mohan	An effective VLSI architecture for data encryption standard and its FPGA implementation	202141043525	25/09/2021
53	Dr. Ch. Subbalakshmi	Obesity Detection and Alert System	202141025580	09/06/2021
54	Dr.C.K.Ashok Kumar	Extraction Of Fish Liver Oil For Treating Viral Infections	371727	12/07/2021
55	Jitendra Debata	An Artificial Intelligence Based Technique For Early Detection Of Cancer	202141032319	15/09/2021
56	Dr. K.S Mukherjee	Improved the quality of services in Hospital	202141050117	11/19/2021
57	Dr. Raj Kumar Guntuku	Improved the quality of services in Hospital	202141050117	11/19/2021
58	Dr. Ravi Shankar Kummeta	Improved the quality of services in Hospital	202141050117	11/19/2021
59	K. Sandeep Reddy	A System for Evaluating HRM and Its effect on Employee, Organizational and Financial outcomes in banking sector.	202211025481	6/5/2022
60	Bodhanapu Soujanya	A System for Evaluating HRM and Its effect on Employee, Organizational and Financial outcomes in banking sector.	202211025481	6/5/2022
61	K. Sandeep Reddy	Human Resource Practices in Medium Size Garment Industrial Units	202241034617	22/7/2022
62	Dr. Ch. Naga Ramya Kiran	Human Resource Practices in Medium Size Garment Industrial Units	202241034617	22/7/2022
63	C Prakash	Green Finance awareness as a Mediator in Relationship between Green Finance Strategies and Industrial-Environmental Sustainability	202241032044	6/10/2022

| 64 | C. Prakash | Tourism Destination Development in a Post COVID-19 Era: Sustainable Strategies for Destination Recovery | 202241032847 | 6/17/2022 |