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***Department of Computer Science and Engineering***

**Academic Year: 2020-21**

S.No	Title of Patent	Name of the Applicant	Name of the Inventor	Application No	Date of Filing	Publication Date	Status	Filing Country
							(Filed/	
							Published/	
							Examined/	
							Granted)	
1	Smart Home Automation for Electricity saving using Home Energy Automation	Sajja Krishna Kishore	Sajja Krishna Kishore	202141020745	06-05-2021	16-07-2021	Published	India
2	Crowd Detection Camera To Maintain Distance And Identify The Suspect Using Ai-Based Programming	D.SreeLakshmi A.Divya	D.SreeLakshmi A.Divya	202141018141	20-04-2021	14-05-2021	Published	India
3	Red Deer Algorithm For Anomaly Detection In Sensor-Based Cyber-Physical	Dr. Phani Praveen Surapaneni	Dr. Phani Praveen Surapaneni	202141017669	16-04-2021.	23-04-2021.	Published	India

	Systems							
4	Low-cost quantum e-voting system	Dr.S.Madhavi	Dr.S.Madhavi	202141016886	10-04-2021	Not Yet Published	Filed	India
5	Mental and Physical Fitness Prediction Using Machine Learning Programming	T.Sri Lakshmi, A.Madhuri, Yuvakrishna Aluri, Dr.Lakshmi-Ramani .B, Dr. Bonam. Janakiramaiah.	T.Sri Lakshmi(1), A.Madhuri(3), Yuvakrishna Aluri(4), Dr.Lakshmi-Ramani .B(5), Dr. Bonam. Janakiramaiah(9).	202141009027	04-03-2021.	26-03-2021.	Published	India
6	Augmented Reality Based Personalized Smart Diet Assistance System	Dr. K. Koteswara Rao, Dr.Lalitha Kumari Gaddala, Y.Sureka, Vanamala Kumar Araja.	Dr. K. Koteswara Rao(1), Dr.Lalitha Kumari Gaddala(4), Y.Sureka(5), Vanamala Kumar Araja(6).	202041024942/ Patent No 361910	13-06-2020.	19-06-2020.	<b>Granted</b> 18_03_21.	India
7	A System For Real-Time Environmental forecasting	M.Sailaja, Dr.K.Koteswara Rao	M.Sailaja(1), Dr.K.Koteswara Rao(3)	202141006474	16-02-2021	Not Yet Published	Filed	India

8	Remote Stethoscope Vest Coat	Vishnu Vardhan Battu	Vishnu Vardhan Battu(1)	202041049749	13-11-2020.	20-11-2020.	Published	India
9	Railway Track Safety Monitoring And Control System Using IoT	Dr.P.Kannan	Dr. Phani Praveen Surapaneni(11)	202041048829	09-11-2020.	20-11-2020.	Published	India
10	A System And Method For Sanitizer Spraying Application	Dr. K.Subbaramaiah	Dr. Bonam. Janakiramaiah(2)	202041038824	09-09-2020.	25-09-2020.	Published	India
11	Speech Emotion Recognition : Speech Emotion Recognition using Deep Learning	Dr. Bonam. Janakiramaiah, Dr. Jayalakshmi Aravapalli	Dr. Bonam. Janakiramaiah(1), Dr. Jayalakshmi Aravapalli (4),	202041033146	3-8-2020.	4-9-2020.	Published	India
12	Novel And Enhanced Methods For Efficient Subspace Clustering of High Dimensional Data	Dr.J.Ramadevi	Dr.J.Ramadevi(1)	202041034022	7-8-2020.	21-08-2020.	Published	India

13	Method and System For Transaction Between A Bank Account Holder and A Non-Account Holder	Y Surekha, Vanamala Kumar Araja, Dr. Lalitha Kumari Gaddala	Dr. Lalitha Kumari Gaddala (1), Vanamala Kumar Araja(2), Y Surekha (4).	202041026892	25-06-2020.	10-7-2020.	Published	India
14	Mobile application based e-phlebotomist	Dr.S.Madhavi	Dr.S.Madhavi	201941018474	08-05-2019.	13-11-2020.	Published	India

No of Patents Granted : **01**

No of Patents Published : **11**

No of Patents Filed : **02**

**Head, Dept. of CSE**