

**ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES :: RAJAMPET**

**2021-22 Faculty PATENTS**

1	202241008657	Dr.K.Boopalan, Mr.B. Sarvesan, <b>Dr. J. Krishna</b> , Dr K.Uday Kumar Reddy, Dr.S.Aleem Basha, Mr.Pajany.M	Dr.K.Boopalan, Mr.B. Sarvesan, <b>Dr. J. Krishna</b> , Dr K.Uday Kumar Reddy, Dr.S.Aleem Basha, Mr.Pajany.M	AI & ML	IoT Driven Machine Learning Model Waste Management System for Smart Cities	18-02-22	04-03-22			India
2	202111036657	<b>Dr. T. Harikrishna</b> , Dr. PANEM CHARANARUR, Dr. G. Kiruthiga, Dr. P. Saradhamani	<b>Dr. T. Harikrishna</b> , Dr. PANEM CHARANARUR, Dr. G. Kiruthiga, Dr. P. Saradhamani	Artificial Intelligence & Machine Learning	An Artificial Intelligence enabled cryptography based financial Analytical tool	13-08-21	03-09-21			India
3	202000000000	DR.P.VIJAYALAKSHMI ,M.PRIYA,SIVAMURUGAN K,DR.K.BOOPALAN,DR .C.RAJAKUMAR,	DR.P.VIJAYALAKSHMI,M.PRIYA,SIVAMURUGAN K,DR.K.BOOPALAN, DR.C.RAJAKUMAR,	CSE	AN Efficient Methodology to Manage the Bio Medical Waste Collected from Hospitals and Diagnostic Centers	12/30/2021	01-07-22			India
4	202000000000	M.Jalasri,Dr.K.Chanthirasekaran,Dr.K.Boopalan,Dr.S.Ahamed,Dr.S S Arumugam,	M.Jalasri,Dr.K.Chanthirasekaran,Dr.K.Boopalan,Dr.S.Ahamed,Dr.S S Arumugam,	CSE	IoT Driven Automated Water Quality Monitoring using AI for Smart Industrial Area	03/23/2022	04-01-22			India
5	202000000000	Dr.K.Boopalan	Dr.K.Boopalan,Mr.B. Sarvesan,Dr. J. Krishna,Dr K.Uday Kumar Reddy,,Dr.S.Aleem Basha	CSE	IoT driven Machine Learning model Waste Management System for Smart Cities	02/18/2022	03/04/2022		03/04/2022	India
6	202000000000	Dr K.Uday kumar Reddy	Dr K.Uday kumar Reddy	CSE	IOT driven machine learning waste management system for smart cities	18-02-22	04-03-22		04-03-22	India
7	202241025473	Dr.M.Subba Rao	Dr.M.Subba Rao	CSE	Method for simultaneous scheduling in multi machine flexible manufacturing system to minimize make span	05-01-22	05-01-22			india
8	202241055275A	Dr.M.Subba Rao	Dr.M.Subba Rao	CSE	Machine Learning based Medical device quality checking system	27/9/2022	10-07-22		10-07-22	India

9	202241030171	1 . Dr.Murali Malijeddi 2 . Dr.K.B.S.D Sarma 3 . Dr.S.Sambasiva Rao Dannina 4 . Dr.Kommalapati Rajesh 5 . Mr.N.Mohankumar 6 . Mr.Srikanth Parikibandla 7 . Dr.Arunkumar Madupu 8 . Mr.Yogendra Kumar 9 . Ms.Minakshi Sanadhya 10 . <b>Mr.Shaik Karimullah</b>	1 . Dr.Murali Malijeddi 2 . Dr.K.B.S.D Sarma 3 .Dr.S.Sambasiva Rao Dannina 4 . Dr.Kommalapati Rajesh 5 . Mr.N.Mohankumar 6 . Mr.Srikanth Parikibandla 7 . Dr.Arunkumar Madupu 8 . Mr.Yogendra Kumar 9 . Ms.Minakshi Sanadhya 10 . <b>Mr.Shaik Karimullah</b>	ECE	A Machine Learning Based System For Physical Attack Protection For VLSI Chip Level Hardware Security And Method Thereof	26-05-22	03-06-22	--	--	INDIA
10	202221001771	1)Mrs.Ch.Vijayalakshmi 2)Mrs.Lavanya L 3)Mrs.K.Vijetha 4)Dr. Vishal Kumar 5)Mr.Jai Shanker 6)Er. Yogendra Kumar 7)Mr.Praveen Kumar 8)Mr.Srikantha K M 9)Mr.Sanjay Laxmanrao Gaikwad 10) <b>Mr.Shaik Karimullah</b>	1)Mrs.Ch.Vijayalakshmi 2)Mrs.Lavanya L 3)Mrs.K.Vijetha 4)Dr. Vishal Kumar 5)Mr.Jai Shanker 6)Er. Yogendra Kumar 7)Mr.Praveen Kumar 8)Mr.Srikantha K M 9)Mr.Sanjay Laxmanrao Gaikwad 10) <b>Mr.Shaik Karimullah</b>		A System For Super Large-Scale Integration VLSI Method Thereof	12-01-22	04-03-22	--	--	INDIA
11	202241001416	1)Mr. Jangili Srinivasa Rao 2)Dr. Amarjeet Singh 3)Dr. K.Somasundaram 4)Dr. Abdul Lateef Haroon P S 5)Mr. Chanda Raj Kumar 6)Mrs. B. Siva Lakshmi 7)Dr. Vijay.G.R. 8)Mr. Shailesh Ashok Kurzadkar 9) <b>Mr. Shaik Karimullah</b> 10)Dr. Rupali Singh	1)Mr. Jangili Srinivasa Rao 2)Dr. Amarjeet Singh 3)Dr. K.Somasundaram 4)Dr. Abdul Lateef Haroon P S 5)Mr. Chanda Raj Kumar 6)Mrs. B. Siva Lakshmi 7)Dr. Vijay.G.R. 8)Mr. Shailesh Ashok Kurzadkar 9) <b>Mr. Shaik Karimullah</b> 10)Dr. Rupali Singh		A Cloud Computing System For Optimizing Virtual Machine Placement And Configuration And Method Thereof	11-01-22	28-01-22	--	--	INDIA

12	202141043814	1)Dr.Suresh Kumar Pittala 2)Ms.B. Rama Sulochana 3)Dr.B.Rajani 4)Dr.Rajender Udutha 5)Dr.K.Gowrishankar 6)Mr.Rayudu Srinivas 7)Dr.Sushma Jaiswal 8)Mr.Tarun Jaiswal 9)Dr. Harish Chandra Mohanta 10) <b>Mr.Syed Javeed Basha</b>	1)Dr.Suresh Kumar Pittala 2)Ms.B. Rama Sulochana 3)Dr.B.Rajani 4)Dr.Rajender Udutha 5)Dr.K.Gowrishankar 6)Mr.Rayudu Srinivas 7)Dr.Sushma Jaiswal 8)Mr.Tarun Jaiswal 9)Dr. Harish Chandra Mohanta 10) <b>Mr.Syed Javeed Basha</b>	ECE	A Connector Module For A VLSI Circuit With A Battery Pack	27-09-21	05-11-21	--	--	India
13	202111036217	1)Dr.Rupali Singh 2)Dr.Suresh Kumar Pittala 3)Dr.P.Muthu 4)Dr.S.Latha 5)Dr.K.B.S.D Sarma 6)Mr.Tanikonda Kishore Kumar 7)Dr.Sushma Jaiswal 8)Mr.Tarun Jaiswal 9) <b>Mr.Syed Javeed Basha</b> 10)Mr.N.Naveen Sagar	1)Dr.Rupali Singh 2)Dr.Suresh Kumar Pittala 3)Dr.P.Muthu 4)Dr.S.Latha 5)Dr.K.B.S.D Sarma 6)Mr.Tanikonda Kishore Kumar 7)Dr.Sushma Jaiswal 8)Mr.Tarun Jaiswal 9) <b>Mr.Syed Javeed Basha</b> 10)Mr.N.Naveen Sagar	ECE	A System Having Synchronous Signaling For Interfacing VLSI Circuits	11-08-21	03-09-21	--	--	India
14	202141034519	1)Dr S A Sivakumar, 2)Dr. M. Thillai Rani 3)Dr. S. Kamatchi 4)Dr. C. Paramasivam 5)Dr.AbhayVidyarthi 6)Dr. N. ShanmugaVadivu 7)Dr.Shanmugasundaram 8) <b>Dr. K. Shankar</b> 9)Dr. K.C. Ramya 10)Dr. R. Maheswar	1)Dr S A Sivakumar, 2)Dr. M. Thillai Rani 3)Dr. S. Kamatchi 4)Dr. C. Paramasivam 5)Dr.AbhayVidyarthi 6)Dr. N. ShanmugaVadivu 7)Dr.Shanmugasundaram 8) <b>Dr. K. Shankar</b> 9)Dr. K.C. Ramya 10)Dr. R. Maheswar	ECE	DESIGN AND INVESTIGATION OF LOW POWER MULTI-THRESHOLD CMOS BASED STATICRAM CUBICLE FOR MODERN IOT APPLICATIONS	07/30/2021	06-08-21	--	--	India

15	202022100928	Dr. Mareddy Padma Lalitha, Dr.Nallaperumal Chellammal,Dr.N.Sivarami Reddy, Dr.Oruganti Hemakesavulu,Dr.Kanasottu anil Naik,Dr.Girish kumar Sharma,Dr.Subramanian saravanan,Mr.Kannadason Balakrishnan,Dr.Prabhat kumar srivastava,Mr.Pankaj negi,Dr.Barinderjit singh,Dr.Pratap patil	Dr. Mareddy Padma Lalitha, Dr.Nallaperumal Chellammal,Dr.N.Sivarami Reddy, Dr.Oruganti Hemakesavulu,Dr.Kanasottu anil Naik,Dr.Girish kumar Sharma,Dr.Subramanian saravanan,Mr.Kannadason Balakrishnan,Dr.Prabhat kumar srivastava,Mr.Pankaj negi,Dr.Barinderjit singh,Dr.Pratap patil	EEE	Driver performance scoring smart system and safety-warning with Accident proneness filtering using Machine Learning	18/02/2022	...	...	...	Germany
16	202241001299	V.Satyendra Kumar	V.Satyendra Kumar	MCA	Artificial Intelligence And Machine Learning Based Intelligent System to Improve The Quality Of Vedio Call Experience	11-01-22	17/12/2021	202111056539	04-02-22	India
17	2021106700	G. Suresh Babu, Dr. N Chikkanna	G. Suresh Babu, Dr. N Chikkanna	Mechanical Engineering	Performance Optimization of Reconfigurable Manufacturing System Using Dual Step Metaheuristic Approach	24-08-21	10-11-21	2021106700	10-11-21	Australia