

**RESEARCH AND DEVELOPMENT CELL**  
**Academic Year 2020-2021**

**Patents**

S.NO	Item	ECE	CSE	CIVIL	EEE	MECH	S&H	Total
1.	No of Patents	6	3	3	-	-	-	12

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

S.N O	TITLE	NAME OF THE INVENTOR	APPLICATIO N NUMBER	STATUS	YEAR OF PUBLICATI ON
1.	Improved Energy-Efficient Faulty Information Extraction System And Method	Dr Diana Moses	202041047525A	Published	2020
2.	A System For Geo-Positioning Using Smart Identity Card	Dr Diana Moses	202131018240 A	Published	2021
3.	Covid-19 Data Processing Method For Prediction Based On Machine Learning	Dr Diana Moses	2021102836	Filed	

**DEPARTMENT OF CIVIL ENGINEERING**

1.	Replacement of sand with glass powder and bottom ash in concrete	G Ravi Kumar	202041049172A	Published	2020
2.	A Remote Controlled Solar weed removal Machine	Dr. K Radhika	202041043580A	Published	2020
3.	Investigation of electrical properties of pure and Thallium Chloride doped Poly vinyl Alcohol Polymer electrolyte films	Mirza Nayeem Baig	202141004475A	Published	2021

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

1.	A System And Method For Managing Pages In A Logical	Mr.Gaddam Sunil Kumar	202141017310	13-04-2021	
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	Network Gateway				
2.	A Novel Method And System For Designing Vlsi Circuitry To Optimize The Integrated Circuit Operation	Mr.Gaddam Sunil Kumar	202141020084	7/05/2021	
3.	A Novel Method And System To Improve Security And Qos Parameters In Manets	Dr.M.L.N.Acharyulu, Dr.S.Prabhakar, R.Raju	201941053242 A		
4.	Preventing Vehicle Accident System:Accident Avoidance Using Gps And Sensor System	Dr.P.Lakshmi Devi	202041033429		
5.	Sensor Based Artificial Nervous System To Assist Paralyzed People	Dr.I.Sharath Chandra	202111029975A	03-07-2021	
6.	Security Technique In Energy Harvesting Iot Devices Using Slotted Aloha With Noma	Dr.N.Srikanth	2021100913	14-04-2021	