

ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES, RAJAMPET
CONSOLIDATED REPORT OF R&D ACTIVITIES - 2019-20
List of Patent published & Granted by the faculty during-2019-20

S.No	Name of the Inventor (s)	Title of the Patent	Patent Application Number	Patent Published (Yes Or No)	Date of Published	Patent Granted (Yes Or No)	Patent Granted Date and Number	National/International
1	Dr.Fahimuddin Shaik, Dr.T.Karthikeyan & Dr.K.Shankar	Computer-Implemented System For Analyzing Human Brain Images Using Functional Imaging Data	202041011316 A	Yes	3/27/2020	No	NIL	National
2	N.Bala Dastagiri, M. Ravi Kishore, Y. Pavan Kumar Reddy, G. Sudha Kiran, S. Fayaz Begum & G. Obulesu	Method For Analyzing The Weather Monitoring And Notification System	202041008891 A	Yes	3/6/2020	No	NIL	National
3	Dr.K.Prasad	System for Walking Assistance Device for Visually Impaired Person Using Machine Learning	202041007351 A	Yes	2/28/2020	No	NIL	National
4	Dr.K.Prasad (Applicant)	IoT Sensors Based Multi-Functional and Intelligent Walk Guiding SICK for Visual Disabled Person	201941051603 A	Yes	12/20/2019	No	NIL	National
5	Dr.Fahimuddin Shaik (Applicant)	System and Computer Implemented Methods for Analyzing Features Of Digital Medical Images	201941049665 A	Yes	12/20/2019	No	NIL	National
6	Dr.Fahimuddin Shaik	System and Computer Implemented Methods for Analyzing Features to Generate Sleep Disorder Insights	201941045922 A	Yes	11/29/2019	No	NIL	National
7	Dr.T.Karthikeyan	IoT System to Detect and Analyse Gait of an Individual and Method Employed Thereof	201941043934 A	Yes	11/1/2019	No	NIL	National
8	Dr.K.Shankar	IEMG-Power Bank: Intelligent Electronics Modern Gaugeate Power Bank	201941037444 A	Yes	9/27/2019	No	NIL	National
9	Dr.T.Karthikeyan	Biological Hydration Monitoring System	201941036762 A	Yes	9/20/2019	No	NIL	National

10	C.Venkatesh, M. Venkata Dasu, S. Karimullah, K.N.N. Goud, L. Sivayamini, Dr. Ch.Nagaraju & Dr. Fahimuddin Shaik	Computer Implemented Method and System for Processing Qualitative Imaging to Detect and Forecast Abnormalities	201941033884 A	Yes	9/20/2019	No	NIL	National
11	S. Nazeer Hussain, Dr. B. Abdul Raheem, Dr. Fahimuddin Shaik, Dr. K. Riyazuddin & Shaik Karimullah	Computer-Implemented System for Optimizing Placement and Routing In Very-Large-Scale Integrated Circuit Design	201941021599 A	Yes	8/9/2019	No	NIL	National
12	Dr.P.C.Senthil Mahesh	Computer-Implemented System for Optimizing Placement and Routing in Very-Large-Scale Integrated Circuit Design	2.01941E+11	Yes	9/8/2019		32/2019	National
13	Dr.M.Rudra Kumar	Computer Implemented method and System for Processing Qualitative Imaging to Detect and Forecast Abnormalities	2.01941E+11	Yes	20/09/2019		38/2019	National
14	Dr.M.Rudra Kumar	A Heuristic and Biases Scale (HBS) Model of Change Request Artifacts (CRA)	2.01941E+11	Yes	18/10/2019		42/2019	National
15	Mr. KLNC Prakash	RMT-AAPS: Railway Maintenance Status Track through Mobile Aaps	2.01941E+11	Yes	25/10/2019		43/2019	National
16	Dr.M.Rudra Kumar	System and Computer Implemented Methods for Analysing Features to generate Sleep Disorder Insights	2.01941E+11	Yes	29/11/2019		48/2019	National
17	Dr.M.Rudra Kumar Dr K Prasanna Dr T Hari Krishna Dr Kadiyala Ramana	System and Computer Implemented Methods for Analysing Features of Digital Medical Images	2.01941E+12	Yes	20/12/2019		51/2019	National
18	Dr.P.C.Senthil Mahesh Mr. KLNC.Prakash	IMPT-Detection: Intelligent Medical Problems Detection using Machine Learning Technique	2.01941E+11	Yes	13/12/2019		50/2019	National
19	Dr. Kadiyala Ramana Dr. T. Hari Krishna Mr. N. Penchalaiah	System and method for Detection and Control of Cyber attacks in Large Network Using Data Mining	2.02011E+11	Yes	21/02/2020		Aug-20	National
20	Dr.M.Padma Lalitha	EVM Control: Electric Vehicle Controlling System Using Beagle Bone Black Rev	201941040658	Yes	18/10/2019	No		National

21	Dr.S.Suresh	IDP-Path: Intelligent Drone To Provide The Save Travelling Path	201941034351	Yes	20/09/2019	No		National
22	S.Muqthiar Ali, Dr.P.Gopi, Dr.S.Suresh	EV-Monitoring System: Real-Time Monitoring System In Electric Vehicle Using IOT-Based Technology.	201941053756	Yes	24/12/2019	No		National
23	Dr.P.B.Chennaih, S.Muqthiar Ali	IEMG-power bank: intelligent electronics modern gaugeate power bank	201941037444	Yes	27/9/2019	No		National
24	Mr.C.Ganesh, Mrs.S.Sarada	Electric Motor: Predict and Auto Control the speed, Torque and Power of the Electric Motor	202041006941	Yes	21/02/2020	No		National
25	Mr.O.Hema Kesavulu	Method For Analyzing The Weather Monitoring And Notification System	202041008891	Yes	3/6/2020	No		National
26	D.Krishna Mohan Raju	AN IMPROVED AIR SUSPENSION SYSTEM	2852/CHE/2008	Yes	6/1/2012	Yes	1/24/2020 & 330216	National
27	D.Krishna Mohan Raju	PORTABLE WATER PRODUCTION FROM DRAINAGE WATER USING REVERSE OSMOSIS TECHNIQUE AND EFFICIENT COUNTER FLOW HEAT EXCHANGER	1289/CHE/2009	Yes	5/11/2012	Yes	5/13/2020 & 336801	National
28	D.Krishna Mohan Raju	A COUNTER FLOW HEAT EXCHANGER	2850/CHE/2008	Yes	6/1/2012	Yes	5/15/2020 & 336913	National
29	D.Krishna Mohan Raju	AN ISOTHERMAL COMPRESSION AND EXPANSION SYSTEM	2854/CHE/2008	Yes	6/12/2012	Yes	7/10/2020 & 341133	National
30	D.Krishna Mohan Raju	AN INNOVATIVE WAX LAMP	1304/CHE/2009	Yes	4/20/2012	Yes	9/28/2020 & 348025	National
31	D.Krishna Mohan Raju	HIGH HEAT TRANSFER COEFFICIENT COUNTER FLOW HEAT EXCHANGER	1282/CHE/2009	Yes	4/20/2012	Yes	10/22/2020 & 349878	National
32	D.Krishna Mohan Raju	LIQUID FUEL INJECTION SYSTEM IN THE FORM OF VAPOUR IN THE I.C.ENGINES	1293/CHE/2009	Yes	4/20/2012	Yes	10/30/2020 & 350557	National
33	D.Krishna Mohan Raju	STEERING MECHANISM TO ACHIEVE PERFECT STEERING USING CAMS	1288/CHE/2009	Yes	4/20/2012	Yes	12/11/2020 & 353527	National
34	D.Krishna Mohan Raju	GASKET WITH SELF SEALING PRESSURE	1306/CHE/2009	Yes	4/20/2012	Yes	12/11/2020 & 353526	National



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