

National Patents

Patent Type	S.No	Title of the Invention	Name of the Applicant/Inventor	Academic Year	Application No.	Patent Publication Date	Patent Document	Company/Firm Registration Document
National Patents	1	"System to collect air pollutant from exhaust of a vehicle and further generates oxygen" "	Dr J Rex; Dr.P.SARITHA; Mr Kesava Vamsi Krishna V.; Mr AKELLA NAGA SAI BABA; Dr. J. Selwyn Babu; Dr.R.Prasanna Kumar; V.Ranjith Kumar; A.Navya; E.Rakesh Reddy; Dr. K. Shimola	2017-2018	201841020231 A	08-06-2018	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/41_71.pdf)	
National Patents	2	A Collapsible Electronic Storage Housing For Two Wheeler	Dr. M. Maheswari	2017-2018	201741028098 A	25-08-2017	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/1.2_71_3.pdf)	
National Patents	3	Smart Compact Structural Instrument	Dr. T. Ramachandran; Dr. S. Gunasekharan; Dr. Syed Jahangir Badashah; Dr.M.R.Vaniithamani; Velmurugan.C; Dr.L.Murali; Marimuthu.K; Dr. V. Balaji; Dr. M. Ramasubramanian; Dr. T.K.S. Rathish Babu; Dr. G. Manikandan; Umashankar. E; Dinesh Kumar U	2017-2018	201741036984 A	27-10-2017	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/135_71.pdf)	
National Patents	4	Apparatus To Automatically Draw Two-Dimensional Drawing	Mr. M.Sandeep; Mr. Vasili Srinivas; Mr. Balaji Krushna. P; Dr. K. BHARADWAJA; Dr A Raveendra; Dr. T. Ramachandran; Dr. S. Sudhakara Reddy; Dr. S. Gunasekharan; Dr. P. Paul Pandian; Dr. K. Kamal Babu; Dr. R. Dharmalingam; Mr. Prashanth. A.; Ms. K. Vijaya Siva Sruthy_	2017-2018	201841017390 A	25-05-2018	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/42_71.pdf)	
National Patents	5	Intelligent Shoe For Assisting Blind People	Mr.PV Ramana Murthy; Dr.S.Dhanalakshmi; Dr. G Charles Babu; Dr.Shanmugam Kannan; Mr. S. Ajay Kumar; Mr.P.Andrews Himakiran	2018-2019	201841020233 A	08-06-2018	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/36_71.pdf)	
National Patents	6	Seismic Isolator Device For Seismic Protection	Ram Shankar Singh	2018-2019	201841027780 A	03-08-2018	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/39_71_0.pdf)	
National Patents	7	Autonomous Aerial Vehicle	R. Shiva Sai Rama Krishna	2018-2019	201841043549 A	30-11-2018	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/40_71.pdf)	
National Patents	8	A Hydration Tracker System	Dr.N.Rajeswaran; Mr.Patwari Kamalakara; Mr. Chinta Narendra Kumar; Mrs.K.Anitha Reddy; Mr. Tadikamalla Sanjeeva Rao; SAMA BHARATHI; Dr. M. Maheswari; Dr. S. Arumugam	2018-2019	201841044346 A	30-11-2018	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/38_71.pdf)	
National Patents	9	An Employee Management System	Dr.A. Pradeep Kumar; Dr. Thumu Srinivas Reddy; Dr.G.S.K Gayatri Devi; Dr N.Subbu Lakshmi; Mrs. P. S. INDRANI; Dr. C. ANNAL PALGAN; Dr.G.Rajendra Prasad	2018-2019	201841044752	07-12-2018	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/37_71.pdf)	
National Patents	10	Motorized Day Bed Control Interfaced With An Ingrained System By Simple Physical Movements	Dr.N.Rajeswaran	2019-2020	201941031332 A	06-09-2019	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/28_71.pdf)	
National Patents	11	Set of bicycle pedalling systems with intelligence	J Siva Prashanth; Manikyam Sandeep; Dr T V V Pavan Kumar; Mr Balakrishna; Dr. Swapna Thouti	2019-2020	321696-001	17-09-2019	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/1.5_71_0.pdf)	
National Patents	12	A System and Method for Automatic Street Lamp Lighting and Energy Saving Control	Dr.T.Rajesh	2019-2020	201941039625 A	18-10-2019	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/29_71.pdf)	
National Patents	13	Automatic Product Identification for the Shopping Cart by Using Smart Wireless Technology	Dr.N.Rajeswaran; Dr.T.Rajesh	2019-2020	201941037377 A	01-11-2019	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/31_71.pdf)	
National Patents	14	Mechanization Silver Halide Erector For Printed Circuit Board Film Printing Using Programmable Logic Controller	Dr.N.Rajeswaran	2019-2020	201941036575 A	01-11-2019	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/30_71.pdf)	
National Patents	15	Method of Load Distribution balancing for Fog Cloud Computing in IoT environment	Dr.O Obulesu	2019-2020	201941044511	03-11-2019	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/24_71.pdf)	
National Patents	16	An Automated IoT based Agriculture Monitoring System Supported By Wind Energy And Measure Various Parameters	Mr.PV Ramana Murthy; Dr. G Charles Babu; Dr.More Swami Das; Dr. R. P. Ram Kumar; Dr Raghavender K V; Dr.Shanmugam Kannan; Mr. S. Ajay Kumar; Mr.P.Andrews Himakiran; Mr Sanjeeva Polepaka; Dr A Rama Swamy Reddy	2019-2020	201941053275 A	27-12-2019	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/22_71.pdf)	
National Patents	17	Internet of Things [IoT] enabled multipurpose card	Dr Duvvuru Raja Reddy; Dr.A.V.Sudhakara Reddy	2019-2020	201941052193 A	03-01-2020	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/33_71.pdf)	

Patent Type	S.No	Title of the Invention	Name of the Applicant/Inventor	Academic Year	Application No.	Patent Publication Date	Patent Document	Company/Firm Registration Document
National Patents	18	Evert-Monitoring System: Real-Time Monitoring System In Electric Vehicle Using Iot-Based Technology	Mrs M Shamila	2019-2020	201941053823 A	03-01-2020	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/23_71.pdf)	
National Patents	19	Self-Heating Tiffin Box	Dr. Sarlana Sandhya Rani	2019-2020	324892-001	31-01-2020		
National Patents	20	Real time crop monitoring using internet of things (IoT) based Precision agriculture	Dr.O Obulesu	2019-2020	202041004551 A	07-02-2020	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/20_71.pdf)	
National Patents	21	An Automated IOT Based Blood Glucose Measurement Device along with LED Indication	Dr.A. Pradeep Kumar; Dr. Thumu Srinivas Reddy; Dr.G.S.K Gayatri Devi; Dr. Madhu Babu Sikha; Dr N.Subbu Lakshmi; Ms Talari Swapna; Mr. K. Rajender	2019-2020	202041004245	07-02-2020	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/27_71.pdf)	
National Patents	22	An Extendable & Height Adjustable Ceiling Fan With Ejectable Blades	Dr.Shaik Hussain; Dr.N.Vishnumurthy; Dr. N Rishi Kanth; Dr. S.Udaya Bhaskar; Dr A Raveendra; Dr Halesh Koti; Dr. T. Ramachandran; Dr. G. Biksha; Dr. B. Dhatreyi; Dr. Yogesh Madaria	2019-2020	202041003637 A	07-02-2020	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/34_71.pdf)	
National Patents	23	An Efficient Methodology and System to Calculate the Units of Electricity Consumed by Every Product	Dr.N.Rajeswaran; Dr.T.Rajesh; Dr Duvvuru Raja Reddy; Dr.A.V.Sudhakara Reddy; Dr.K.Ezhilvignesh; Dr.Ananthababu Palaparthi; Mr. Chinta Narendra Kumar; Mr. Tadikamalla Sanjeeva Rao	2019-2020	202041004071 A	07-02-2020	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/32_71.pdf)	
National Patents	24	An Extendable Ladder Along with a Remote Control System used at Construction Site	Mr P Suresh Chandra Babu; Ms Gayatri Upadhyay; Ms Challa Kalyani; Dr C Srinivas Gupta; Dr C M Vivek Vardhan; Mr AKELLA NAGA SAI BABA; Ms Rajalingam Sumathi; Kande Vamsi Krishna; Dr. J. Selwyn Babu; Mrs.Badeti Dhanalaxmi	2019-2020	202041006604 A	21-02-2020	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/17_71.pdf)	
National Patents	25	An efficient device and a methodology to identify the quality of construction Materials	Ms Kondapalli Harshada; Ms S Pooja Sri Reddy; Mr Lingampally Maithri Varun; Dr J Rex; Mr Shyamala Bhoomesh; Ms Kode Dhanasri; Dr.P.SARITHA	2019-2020	202041006605 A	28-02-2020	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/16_71.pdf)	
National Patents	26	Belt Conveyor Metal Detector	TIPPAYIPALLI NARESH KUMAR; Mr. Perumal Senthil; Dr. K. Gurusami; Dr. T. Satish	2019-2020	202041006468	13-03-2020	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/35_71.pdf)	
National Patents	27	Sport Court	Mr B Vamsi Krishna	2019-2020	327338-001	27-04-2020	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/17_compressed_71.pdf)	
National Patents	28	Smart Irrigation System For Agriculture Purposes	Dr. Arun Kumar Kandru; Dr. Rokesh Kumar Yarava; Dr. Pasam Venkateshwar Rao; Dr. G Charles Babu; Dr Raghavender K V; Mr. S. Ajay Kumar; Mr.Mohammed Inayathulla; Dr. R. P. Ram Kumar	2019-2020	202041021804 A	05-06-2020	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/18_71.pdf)	
National Patents	29	Navigation Guidance For Differently Abled Persons	Mr.K.Vijay krupa Vatsal; Dr. Aarepu Lakshman; Dr. G Charles Babu	2019-2020	202041023388 A	12-06-2020	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/19_71.pdf)	
National Patents	30	Elevated Tennis Courts With Hydraulic Operating Mechanism (Utility Patent)	Mr B Vamsi Krishna	2019-2020	202041006422 A	12-06-2020	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/15_71.pdf)	
National Patents	31	Wireless Power Transfer Based Patient Health Monitoringsystem	Dr Raghavender K V	2019-2020	202041028691 A	07-02-2020	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/21_71.pdf)	
National Patents	32	A Survival of Smart Classroom Integrated IOT Used in Campus with Fully Cloud Computing	Dr. Thumu Srinivas Reddy; NACHIYAPPAN S; RAJARAJESWARI S; Dr.Kesava Reddy Voggu; PRADEEP KV; Dr.K.Shashidhar Reddy; K.S.CHAKRADHAR; Mr.S.P.RAMESH	2019-2020	202041044340	23-10-2020	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/26_71.pdf)	
National Patents	33	A Study On Behaviour Of Mechanical Properties Of Concrete With Addition Of Flyash And Nano Silica Gel	Mr. J S S K Vasa; Dr C Srinivas Gupta; Mr C Bala Krishna	2019-2020	202041047017 A	06-11-2020	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/2_71_0.pdf)	
National Patents	34	A 20-180MHZ Frequency Band Electrically Tuneable Antenna for Radiation Immunity Testing	Dr.G.S.K Gayatri Devi; Dr. Madhu Babu Sikha; Mr.Durgaprasad; Mrs.A.Gayatri; Dr.Sravana kumar Bali; Mr.M.V.S.Ram prasad; Ms.Nupur Biswas; Mr.K.V.S.N.Sai krishna; Mr.Pradeep vinayak K; Mr.Ramesh.M	2019-2020	202041049820	20-11-2020	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/25_71.pdf)	
National Patents	35	Autonomous Dynamic Traffic Signal Posts	Dr. S.Udaya Bhaskar; Dr. Yogesh Madaria; Dr. Madhu Babu Sikha	2019-2020	202041050702 A	12-04-2020	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/14_71.pdf)	
National Patents	36	Study On The Influence Of Tarrazyme As a Strengthening Agent For Black Cotton Soil	Mr G Pradeep kumar; Dr J Rex; Dr C M Vivek Vardhan; Dr. J. Selwyn Babu; Dr.M.V.Jagannadha Kumar	2020-2021	202041052023 A	12-11-2020	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/12_71_1.pdf)	

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National Patents	37	A Method And A System For Emotion Recognition From A Speech	Dr. Mandru Deena Babu	2020-2021	202041052994 A	12-11-2020	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/11_71.pdf)	
National Patents	38	DESIGN AND FABRICATION OF ELECTRIC SMART BIKE WITH VOICE RECOGNITION	Mr Kesava Vamsi Krishna V.	2020-2021	202041053479 A	18-12-2020	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/10_71.pdf)	
National Patents	39	A Foldable TV Remote	Dr.T.Rajesh	2020-2021	339043-001	13-02-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/1.1_71_1.pdf)	
National Patents	40	Evaluation Of Thrust Force And Torque In Drilling Of Natural Fiber Particle Reinforced Polymer	Dr.Shaik Hussain; TIPPAYIPALLI NARESH KUMAR; Dr. R. Dharmalingam; V. Siva Rama Krishna	2020-2021	202141005815 A	19-02-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/129_71.pdf)	
National Patents	41	Compact and Digitalized Water Tap	Dr.A.V.Sudhakara Reddy; Kota. Nageswara Rao	2020-2021	339842-001	26-02-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/105_71.pdf)	
National Patents	42	Strengthening Of Expansive Clayey Subgrade Pavement By Using Admixture And Geosynthetics	Ms Kondapalli Harshada; Mr G Pradeep kumar; Mr Gajula Venkatesh; Ms Challa Kalyani; Dr.P.SARITHA	2020-2021	202141007413 A	26-02-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/11_71_2.pdf)	
National Patents	43	Voice Based Smart Home Automation System	Dr. Shaik JakeerHussain	2020-2021	202041050057 A	27-11-2020	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/6_71.pdf)	
National Patents	44	Electronic Market Management System for Cross Industry Business Integration	Mr. B Kiran Kumar Reddy; Mr M Balanji Reddy; Buela Prasanna Kumari Polur; Mrs. P Rajitha; Dr G Hema Reddy; Dr.Kamble Anil Kumar; Mr Mandala Sreenivas; Mrs.K.Dhanalakshmi; K Neeraja	2020-2021	202041051089	04-12-2020	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/12_71.pdf)	
National Patents	45	Real-Time Collaboration and Workflow Management for a Marketing Campaign	Mr. B Kiran Kumar Reddy; Mr M Balanji Reddy; Buela Prasanna Kumari Polur; Mrs. P Rajitha; Dr G Hema Reddy; Dr.Kamble Anil Kumar; Mr Mandala Sreenivas; Ms Kohirisetty Dhanalakshmi; K Neeraja	2020-2021	202041051090	04-12-2020	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/13_71.pdf)	
National Patents	46	"Design And Development Of Two Wheeler Mud Guard Using Glass And Jute Fiber"	Dr A Raveendra; Dr. P. Badari Narayana; Dr. S. Narasimha Kumar; Mr. B. Govinda Reddy	2020-2021	202141008703 A	12-03-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/128_71.pdf)	
National Patents	47	Development of Image Processing Based Fruit Spoiled Detection System	Dr.M.V.B REDDY	2020-2021	202141008722 A	13-03-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/1.2_compressed_71.pdf)	
National Patents	48	Machine Parameters of Natural Fiber Particle Reinforced Polymer Composite Material Using Anova	Ms.Kandula Shanthy; Dr. M. Jagadeesh Chandra Prasad; P SENTHIL; Dr. K. R. Kanimozhi; Dr. Vettivel S C; Dr. Ram Subbiah; Mr. Sankaramoorthy. T; Dr. N.E.Edwin Paul; Ms. Pooja Kumari; Dr. H. Joseph Prabhakar Williams; Dr. M. Rmarao	2020-2021	202141012146 A	26-03-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/1.5_71_1.pdf)	
National Patents	49	Design And Optimization Of High Speed Infrared Heating Furnace	Mrs A. Aruna Jyothi; K. Mallikarjuna; Dr. Hariprasad Tarigonda; Dr. R.T. Sarathbabu	2020-2021	202141012160 A	02-04-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/127_71.pdf)	
National Patents	50	SMART SOLAR SHOE	Mr. Prashanth. A.; Dr. Shaik Fairouz; Dr.B.T.Geetha; Dr.Anjaiah Adepu; Dr. Gondi Konda Reddy; Dr.G.Gugapriya; Dr.M.Ramkumar Prabhu; Dr.A.Rajalingam; Dr. Eriki Ananda Kumar; Dr. G. Ramkumar; Dr.V.Mohanavel	2020-2021	341853-001	04-04-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/1.6_71_1.pdf)	
National Patents	51	Rechargeable Wireless Sensor Networks with Multiple Sinks	Mr.D.Chandrasekhar	2020-2021	202141015900 A	05-04-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/1.9_compressed_71.pdf)	
National Patents	52	SMART RENEWABLE ENERGY BASED SHOES TO SUPPORT HEALTHY LIFE	Mr. Prashanth. A.; Dr. Shaik Fairouz; Dr.B.T.Geetha; Dr.Anjaiah Adepu; Dr. Gondi Konda Reddy; Dr.G.Gugapriya; Dr.M.Ramkumar Prabhu; Dr.A.Rajalingam; Dr. Eriki Ananda Kumar; Dr. G. Ramkumar; Dr.V.Mohanavel	2020-2021	202141014146 A	16-04-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/2.0_71.pdf)	
National Patents	53	RED DEER ALGORITHM FOR ANOMALY DETECTION IN SENSOR-BASED CYBER-PHYSICAL SYSTEMS	Ms. K Shireesha	2020-2021	202141017669 A	23-04-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/2.1_71.pdf)	
National Patents	54	Bio-metric Mouse	Dr Duvvuru Raja Reddy	2020-2021	342725-001	25-04-2021		
National Patents	55	A detailed analysis on behaviour of RCC Beam under flexural load	Mr. J S S K Vasa; Mr G Pradeep kumar; Mr Shyamala Bhoomesh; TALLA RAMPRASANNAKUMAR REDDY; Kande Vamsi Krishna; B.Shruthi	2020-2021	202141016936 A	23-04-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/10_71_1.pdf)	

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National Patents	56	Effects of Geogrid Reinforcement on the static Liquefaction Behaviour of Granular Fill by Triaxial Test Method	Mr. D. Kanaka Raju Yadav; Dr.Selin Ravi Kumar	2020-2021	202141018133 A	30-04-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/9_71_1.pdf)	
National Patents	57	"EXPERIMENTAL INVESTIGATION ON THE USE OF MAHUA OIL IN A FOUR STROKE C.I. ENGINE "	Ms. S. Nagarani; Dr. Syed Azam Pasha Quadri; S. Raghavendra; Appam Nihar; T.Harichandrudu; Junaid Mohammed	2020-2021	202141018375 A	30-04-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/126_71.pdf)	
National Patents	58	Smart Solar-Based Pet House	Mr. Chinta Narendra Kumar	2020-2021	343867-001	26-05-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/2.2_71.pdf)	
National Patents	59	A System Based On Machine Learning And Artificial Intelligence Modules For Providing IoT Network Configuration Through User Voice And Gesture And Method Thereof	Dr.A.V.Sudhakara Reddy	2020-2021	202141023485 A	11-06-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/2.3_71.pdf)	
National Patents	60	A WEARABLE ARTICLE WITH SENSORS AND ML & AI MODULES FOR ANALYSING BEHAVIOUR OF USER	Dr.A.V.Sudhakara Reddy	2020-2021	202141024071 A	18-06-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/2.4_71.pdf)	
National Patents	61	INVESTIGATIONAL STUDY ON WORKABILITY OF SELF-COMPACTION CONCRETE	Mr G Pradeep kumar; Mr C Bala Krishna; Mr. Vasari Naresh; Sohang Debnath; Mr. V. Ravindra; Mr. Akoju Ramu; T.Sahithi Gupta	2020-2021	202141024109 A	25-06-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/8_71_1.pdf)	
National Patents	62	A Novel Automatic Sleep Staging Features Analysis System using Machine Learning	Dr.A.V.Sudhakara Reddy	2020-2021	202141026196 A	25-06-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/2.6_compressed_71.pdf)	
National Patents	63	Manufacturing of Plastic Marble Tile Using Plastic Bags	Mr G Pradeep kumar	2020-2021	202041027665 A	10-07-2020	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/4_71_0.pdf)	
National Patents	64	Smart Parking and Vehicles Name Plate Detection	Dr Duvvuru Raja Reddy	2020-2021	202041029576 A	31-07-2020	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/9_71.pdf)	
National Patents	65	Safe driving and Accident Prevention Using Wireless Transmitter Traffic Control	Mr. Chinta Narendra Kumar; Mr. K .S. S. Naga Teja	2020-2021	202041030719 A	31-07-2020	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/8_71.pdf)	
National Patents	66	A Novel Method And System For Human Action Recognition Using Difference Depth Motion Map And Convolutional Neural Networks	Dr. Sarlana Sandhya Rani	2020-2021	201941054742 A	28-08-2020	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/5_71_0.pdf)	
National Patents	67	Development of Bendable Concrete Using Fibers	Mr Gajula Venkatesh; Mr Balakrishna	2020-2021	202041034800 A	04-09-2020	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/3_71_0.pdf)	
National Patents	68	Compact Washing Machine	Dr Duvvuru Raja Reddy	2020-2021	339783-001	26-02-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/2022_71_0.pdf)	
National Patents	69	An Efficient MRF Models For Detection Of Brain Abnormality Based On MR Images	Dr. Mandru Deena Babu; Dr. Sarlana Sandhya Rani; Mr.PV Ramana Murthy; Dr.S.Dhanalakshmi; Mrs.Gonuguntla Ahalya Rani; Dr N Lakshmi pathi Anantha; Dr. G Charles Babu; Dr.More Swami Das; Dr. R. P. Ram Kumar; Dr Raghavender K V; Mr. S. Ajay Kumar; Mr Sanjeeva Polepaka; Dr A Rama Swamy Reddy; Dr.SK JAKER HUSSAIN ; Dr. P. RAGHUNADH; Dr. Jakeer Hussain	2020-2021	202041052252 A	11-12-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/7_71.pdf)	
National Patents	70	Experimental Studies on Banana Fibre With Concrete Composites	Dr.Selin Ravi Kumar	2021-2022	202141053716 A	10-12-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/1_71_7.pdf)	
National Patents	71	In-Level Stability of Uniform Steel Beams - Columns with Immovable Supports on Pasternak Type Elastic Ground	Ms S Pooja Sri Reddy; Mr B Vamsi Krishna; Ms.T.Sreevalli; Kande Vamsi Krishna; Mr Balakrishna	2021-2022	202141041028 A	17-09-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/46_71.pdf)	
National Patents	72	Gaming Frame Work Design for Children with Cerebral Palsy Physics	Ms.J Kavitha Reddy	2021-2022	202141054245	10-12-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/63_71.pdf)	
National Patents	73	A Novel Big Data Processing System with Clustering and Data Security in Cloud Environment	Mr VEERAMREDDY RAJASHEKAR	2021-2022	202141035771A	13-08-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/41_71_1.pdf)	
National Patents	74	Fully Automatic Brain Tumor Segmentation using deep Learning Method	Dr. Pattlola Srinivas	2021-2022	202141039083	03-09-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/43_71.pdf)	

Patent Type	S.No	Title of the Invention	Name of the Applicant/Inventor	Academic Year	Application No.	Patent Publication Date	Patent Document	Company/Firm Registration Document
National Patents	75	Intelligent Real-Time Sensor's Data for Automated Decision Making in an IoT-Based Smart Home	Dr.N.Manikanda Devarajan; Dr.A.Geetha; Ms.Shreya Mauleshbhai Oza; Dr. A.Mary Francina; Mr. Chandrashekar S; Mr. Vijaya Karthik S V; Mr.Rajasekar P; Mrs.M Sravanthi; Dr. Kamal Alaskar; Mr. Appasami G; Mr Rajdeep Singh; Dr CA Kishore S Peshori	2021-2022	202141034881	13-08-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/44_71.pdf)	
National Patents	76	Design and Implementation for Traffic Violation Detection of Vehicles using OCR Algorithm Based on Artificial Intelligence Technique	Dr.N.Rajeswaran; Dr Duvvuru Raja Reddy; Dr. P. Marimuthu	2021-2022	202141040652	17-09-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/50_71.pdf)	
National Patents	77	COVID 19 Detection using Advanced CNN	Dr.N.Rajeswaran; Mr. K .S. S. Naga Teja	2021-2022	202141050728A	19-11-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/51_71.pdf)	
National Patents	78	Nano biocompatible hydrogels for treating external injuries	Dr T Susmitha; Dr D SOMA SUNDAR	2021-2022	202141035949A	13-08-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/1.1_71_0.pdf)	
National Patents	79	Structural and Fluid Dynamics Boundary Value Limitations Approximated Solution in Engineering Applications	Dr G Rami Reddy	2021-2022	202141035934 A	13-08-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/67_71_0.pdf)	
National Patents	80	Signalling System In Underground Mines	N.Sri Chandrahas	2021-2022	202141059671	31-12-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/1_71_5.pdf)	
National Patents	81	A Hubless Bicycle	Dr. N Rishi Kanth; Dr. S.Udaya Bhaskar; Dr. Yogesh Madaria; Mr. Vidhyasagar Matta	2021-2022	202141059672	31-12-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/2_71_1.pdf)	
National Patents	82	Security System And Operating Method Thereof	Dr.A. Pradeep Kumar; Dr.G.S.K Gayatri Devi; dr	2021-2022	202141059673	31-12-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/3_71_1.pdf)	
National Patents	83	Eco-Friendly Electricity Generating System	Dr J Rex; Dr. J. Selwyn Babu	2021-2022	202141059674	31-12-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/4_71_1.pdf)	
National Patents	84	Smart Street Lighting System	Dr. Shaik JakeerHussain; Dr. B. Sudharshan Reddy	2021-2022	202141059675	31-12-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/5_71_1.pdf)	
National Patents	85	Deep Sea Mining System	N.Sri Chandrahas	2021-2022	202141059676	31-12-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/6_71_0.pdf)	
National Patents	86	Automatic Fire Extinguisher In Automobiles	Mr.PV Ramana Murthy; Prasad GVN Ch; Dr. Shaik JakeerHussain	2021-2022	202141059695	31-12-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/7_71_0.pdf)	
National Patents	87	Light Weight Concrete By Coconut Shells	Dr. J. Selwyn Babu; Dr. Venkata Rathnam Ukkurthi	2021-2022	202141059856	31-12-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/8_71_0.pdf)	
National Patents	88	A Smart Borewell With Protection Lid	Dr. Arun Kumar Kandru; Dr Manyam Thaila; Mr.E.Sunil	2021-2022	202141059857	31-12-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/9_71_0.pdf)	
National Patents	89	Voice Based Email For Visually Challenged People	Dr. Pattola Srinivas; Dr. P. RAGHUNADH; Dr. Nandikolla Supriya	2021-2022	202141059858	31-12-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/10_71_0.pdf)	
National Patents	90	A System For Providing Micro-Irrigation Facility Through Sustainable Toilets	Mr. Mendu Uday Bhaskar; Mr Balakrishna	2021-2022	202141059859	31-12-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/11_71_1.pdf)	
National Patents	91	An Intelligent Parking System	Dr N Lakshmipathi Anantha; Dr.J. Anitha; Mr. G JAGAN NAIK; Mr.K.Subba Shankar; Ms. K. Sudha Kumari	2021-2022	202141059860	31-12-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/12_71_0.pdf)	
National Patents	92	Automatic Hand Sanitizer Dispenser	Dr. Thumu Srinivas Reddy; Dr. Madhu Babu Sikha; Dr. Shaik Fairouz	2021-2022	202141059861	31-12-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/13_71_0.pdf)	
National Patents	93	Long Wall Face With Top Coal Caving	Dr. M. S. Venkataramayya	2021-2022	202141059862	31-12-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/14_71_0.pdf)	
National Patents	94	Self-Healing Building	Ms S Pooja Sri Reddy; Mr Lingampally Maithri Varun; Dr. K. Sargunan	2021-2022	202141059866	31-12-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/15_71_0.pdf)	

Patent Type	S.No	Title of the Invention	Name of the Applicant/Inventor	Academic Year	Application No.	Patent Publication Date	Patent Document	Company/Firm Registration Document
National Patents	95	Driver Drowsiness Detection System	Dr N LakshmiPATHI Anantha; Dr. G. Vasavi; Dr Manyam Thaile	2021-2022	202141059867	31-12-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/16_71_0.pdf)	
National Patents	96	Student Management System	Mr.PV Ramana Murthy; Prasad GVN Ch; Dr. Jose Moses Gummadi	2021-2022	202141059898	31-12-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/17_71_0.pdf)	
National Patents	97	Pervious Concrete Hydraulic Footpath And Roller Barrier System	Dr. ASHOK KUMAR SULUGURU; Dr. Venkata Rathnam Ukkurthi; Dr.Selin Ravi Kumar	2021-2022	202141059899	31-12-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/18_71_0.pdf)	
National Patents	98	An Irrigation System To Perform An Action On Detecting Rainfall	Ms Kondapalli Harshada; Dr C Srinivas Gupta; Dr C M Vivek Vardhan	2021-2022	202141059900	31-12-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/19_71_0.pdf)	
National Patents	99	Self Improvement Educational System and Method Thereof	Dr. Arun Kumar Kandru; Mr.E.Sunil	2021-2022	202141060169	31-12-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/20_71_0.pdf)	
National Patents	100	An Indoor Vertical Farming System	Dr Duvvuru Raja Reddy; Dr. P. Marimuthu; Dr. M. Kondalu; Dr.P.Sarala	2021-2022	202141060170	31-12-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/21_71_0.pdf)	
National Patents	101	Wireless Interactive Audience Participation At A Live Entertainment Event	Mr. S. Ajay Kumar; Dr. Y V RAGAVA RAO	2021-2022	202141060171	31-12-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/22_71_0.pdf)	
National Patents	102	Educational Institution Counselling System	Mr Sanjeeva Polepaka; Mr. B.Raja Rao; Dr.B Hari Krishna; Ms K Mounika	2021-2022	202141060172	31-12-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/23_71_0.pdf)	
National Patents	103	Voice Controller System	Dr. M.J.C. Prasad; Dr. T. Sri Sudha; Dr. Sima Sahu	2021-2022	202141060241	31-12-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/24_71_0.pdf)	
National Patents	104	Application Of Innovative Technology In The field of Agriculture	Mr. J S S K Vasa; Dr.P.SARITHA; Mr AKELLA NAGA SAI BABA; Dr. B. Sudharshan Reddy	2021-2022	202141060242	31-12-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/25_71_0.pdf)	
National Patents	105	Monocolumn Multi-Story Structural Building	Mr Shyamala Bhoomesh; V Naresh; T.Sahithi Gupta	2021-2022	202141060243	31-12-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/26_71_0.pdf)	
National Patents	106	System And Method To Study Dynamic Properties Of Fibre Reinforced Soil And Vibration Isolation	Mr B Vamsi Krishna	2021-2022	202141061183	07-01-2022	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/27_71_0.pdf)	
National Patents	107	Home Automation Control Based On Individualized Profiling And Method Thereof	Dr. Pattola Srinivas; Dr A Rama Swamy Reddy; Mr. G JAGAN NAIK; Dr.B Hari Krishna	2021-2022	202141061184	07-01-2022	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/28_71_0.pdf)	
National Patents	108	Web-Based Knowledge Management & Sharing System And Method There of	Dr A Rama Swamy Reddy; Dr. Nandikolla Supriya; Dr. Jose Moses Gummadi; Dr. D.Krishna Madhuri	2021-2022	202141061185	07-01-2022	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/29_71_0.pdf)	
National Patents	109	A Method and System For Selling Products	Dr G Hema Reddy; Dr. N. Ramanjaneyulu; Dr. M. Rajesh; Dr. M. Vijay Kumar Yadav	2021-2022	202141061186	07-01-2022	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/30_71_0.pdf)	
National Patents	110	Wireless Interactive Audience Participation At A Live Entertainment Event	Mr MANTHA SRIKANTH; Mr. B.Raja Rao; Dr.B Hari Krishna; Dr. Nandikolla Supriya	2021-2022	202141061187	07-01-2022	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/31_71_0.pdf)	
National Patents	111	Dc-Dc Converter Unit For Power Regulation And Charging Of Batteries In Electric Veidle	Dr.N.Rajeswaran; Dr.T.Rajesh; Dr. P. Marimuthu; Dr. M. Kondalu	2021-2022	202141061374	07-01-2022	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/32_71_0.pdf)	
National Patents	112	Automatic Book Placer	Dr. M. Vijay Kumar; Dr A Raveendra; Dr Halesh Koti	2021-2022	202141060066	28-01-2022	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/33_71_0.pdf)	
National Patents	113	Attendance System Using or Code	Dr. Mandru Deena Babu; Ms. M. Sandhya Vani	2021-2022	202141060067	28-01-2022	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/34_71_0.pdf)	
National Patents	114	Main and Tail Rope Haulage System	N.Sri Chandrahas	2021-2022	202141060068	28-01-2022	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/35_71_0.pdf)	

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National Patents	115	Ventilation Layout Model Of Underground Mine	Prof.N.S.R.Krishna Prasad; Dr. M. S. Venkataramayya	2021-2022	202141060069	28-01-2022	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/36_71_0.pdf)	
National Patents	116	The Translucent Concrete Mixture	Mr P Suresh Chandra Babu; Mr B Vamsi Krishna; Mr. V. Ravindra; Mr. D. Kanaka Raju Yadav	2021-2022	202141060070	28-01-2022	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/37_71_0.pdf)	
National Patents	117	A Security Device For Women Safety	Dr. CHINNAIAHGARI SILPA; Mrs. Perambudur Sowjanya; Dr. Syed Jalal Ahmad	2021-2022	202141060089	04-02-2022	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/38_71_0.pdf)	
National Patents	118	A Battery Management System For Electric Vehicles	Dr.Ganesh Pashikanti; Dr. P. Marimuthu; Dr. M. Kondalu	2021-2022	202241001180	04-02-2022	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/39_71_1.pdf)	
National Patents	119	Tuberculosis Detection Using Artificial Intelligence (AI)	Mr. K .S. S. Naga Teja	2021-2022	202241001179	04-02-2022	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/41_71_0.pdf)	
National Patents	120	High Strength Epoxy Beams Bound With Carbon Fibre-Reinforced Polymer Based System	Dr C M Vivek Vardhan; Mr AKELLA NAGA SAI BABA; Dr. ASHOK KUMAR SULUGURU; Mr. Miryala Prashanth; Dr. K. Sargunan; Mr. Akoju Ramu; Mr.V.Ravindra_ ; Dr. Venkata Rathnam Ukkurthi; Dr.Selin Ravi Kumar; D. V. Tanuja	2021-2022	202141049828 A	12-11-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/2_71_2.pdf)	
National Patents	121	Performance Evaluation of Indian Soapberry Sapindus Mukorossi Inner Nuts in The Partial Substitute Material of Sand	Dr.Selin Ravi Kumar	2021-2022	202141042921 A	01-10-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/3-2_71.pdf)	
National Patents	122	A Study on Bacterial Concrete and its Physical Properties	Ms S Pooja Sri Reddy; Ms.T.Sreevalli; Dr J Rex; Mr. Miryala Prashanth; Sohag Debnath; Dr. Venkata Rathnam Ukkurthi; Dr Palakuru Mahesh; Ms Sindhuja	2021-2022	202141040220 A	24-09-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/4_71_2.pdf)	
National Patents	123	Virtual reality based Skill Development System for Construction Workers	Dr. B. Sudharshan Reddy	2021-2022	202141033595 A	30-07-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/6_71_2.pdf)	
National Patents	124	The Influence of Different Treatments applied to Flax fibers on Different Properties of Mortar Reinforced by these fibers	Dr J Rex	2021-2022	202141028760 A	09-07-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/7_71_1.pdf)	
National Patents	125	Emotion Recognition and notification Using Maching Learning and AI	Ms.J Kavitha Reddy	2021-2022	202141050116	19-11-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/64_71.pdf)	
National Patents	126	Design and Implementation for Traffic Violation Detection of Vehicles using OCR Algorithm Based on Artificial Intelligence Technique	Dr.N.Rajeswaran; Dr Duvvuru Raja Reddy; Dr. P. Marimuthu	2021-2022	202141040652A	19-11-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/50_71_0.pdf)	
National Patents	127	Nanostructured Gas Sensors For Healthcare and Medical	Dr A GuruSampath Kumar	2021-2022	202141035750 A	13-08-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/68_71.pdf)	
National Patents	128	Automated Inspection of Transmission Lines/Cell Tower using Virtual Reality	Dr. M. Jagadeesh Chandra Prasad	2021-2022	202241013632	25-03-2022	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/2001_71.pdf)	
National Patents	129	Low Power Video Streaming Architecture using Joint Fast and Brief Descriptor	Dr.A. Pradeep Kumar; N. Pandu Ranga Reddy; Dr. M.J.C. Prasad; Dr. Shankaranand Jha; Dr. Shaik Fairouz; Dr. Sima Sahu; Mr. A. Adinarayana	2021-2022	202241003447	11-02-2022	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/2002_71.pdf)	
National Patents	130	Parameter Optimization for 5G Transmission	Mr G Pradeep kumar	2021-2022	202241003819	04-02-2022	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/2003_71.pdf)	
National Patents	131	Development of Bio Materials Process for Engineering Production and Control	Dr. N. Tulasi Radha	2021-2022	202241000069	04-02-2022	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/2004_71.pdf)	
National Patents	132	Design of Automatic Hand Brake Sytem	Dr. N. Tulasi Radha	2021-2022	202221012538	25-03-2022	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/2005_71.pdf)	
National Patents	133	Enhanced communication for mobiles	Ms. G Krishnaveni	2021-2022	202241011741	25-03-2022	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Image s/Patents/2006_71.pdf)	
National Patents	134	Android Document Sharing System using Blockchain Technology	Dr. G. Prasanna Kumar	2021-2022	202241019701	15-03-2022		

Patent Type	S.No	Title of the Invention	Name of the Applicant/Inventor	Academic Year	Application No.	Patent Publication Date	Patent Document	Company/Firm Registration Document
National Patents	135	A Smart and Safety Enabled Automated Concrete Mixture to suit the needs of various types of buildings	Dr. J. Selwyn Babu; Dr J Rex	2021-2022	202241022415	29-04-2022		
National Patents	136	A system for Privacy - Preserving medical record searching Engine for an artificially intelligent based diagnosis in IoT healthcare	Dr. Jose Moses Gummadi	2021-2022	202241020616	05-04-2022		
National Patents	137	Cloud based car parking validation system	Dr. Jose Moses Gummadi	2021-2022	360895-001	18-03-2022		
National Patents	138	An AI enabled frame work for detection of fake reviews over social media	Dr. R Ramesh Kumar	2021-2022	202241014892	17-03-2022		
National Patents	139	Fast statistical imaging reconstruction by algebraic reconstruction technique	Dr K Hari babu	2021-2022	202241020086	02-04-2022	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Images/Patents/Intellectual%20Property%20India_220512_160144%20(2)_71_0.pdf)	
National Patents	140	"A VEHICLE SYSTEM WITH HAPTIC OUTPUT FOR IMPAIRED BASED ON MACHINE LEARNING & ARTIFICIAL INTELLIGENCE INTERFACES"	Geetha Kurikala	2021-2022	202141027189 A	02-07-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Images/Patents/67_71.pdf)	
National Patents	141	SMARTMON: MONITORING THE STATUS OF SMART DEVICES VIA NETWORK TRAFFIC	Dr.A.V.Sudhakara Reddy	2021-2022	202121023839 A	02-07-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Images/Patents/10001_71.pdf)	
National Patents	142	Unique and Smart Mouse	Ms. P. Swapna; Mrs. Beril Susan Philip; Kota. Nageswara Rao; Ms.Kesireddy Radhika; Parveen md; Ms. G Krishnaveni; Ms. Maheshwari Devi; Dr. K. Prasada Rao; Dr. M. Kondalu; K.Rajashekhar	2021-2022	345868-001	07-07-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Images/Patents/46_71_0.pdf)	
National Patents	143	ISLANDING DETECTION FOR INVERTER BASED DISTRIBUTED GENERATION WITH LOW FREQUENCY CURRENT HARMONIC INJECTION THROUGH Q CONTROLLER ANDROCOF ANALYSIS	Mr. Ch. Rami Reddy	2021-2022	202141027908	09-07-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Images/Patents/52_71.pdf)	
National Patents	144	A System and Method for E-Mail Feedback in a Trusted Network using Non-Deterministic Methods & Tools	Dr. G. Vasavi; Mr.Kiran Kumar	2021-2022	202141031755 A	16-07-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Images/Patents/65_71_0.pdf)	
National Patents	145	IOT BASED CROP MONITORING SCHEME USING SMART DEVICE WITH MACHINE LEARNING METHODOLOGY	Dr. Shaik Fairouz	2021-2022	202141031518 A	07-12-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Images/Patents/45_71_1.pdf)	
National Patents	146	ALCOHOL DETECTION WITH MESSAGING SYSTEM AND VEHICLE CONTROL	Suma Deepti Veeraganti	2021-2022	202141031252	16-07-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Images/Patents/57_71.pdf)	
National Patents	147	Compact Data Transfer Device	Dr.A.V.Sudhakara Reddy	2021-2022	339857-001	27-02-2021	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Images/Patents/62_71.pdf)	
National Patents	148	Recycled Aggregate as Constituents of Base and Sub-Base Layers for Rural Roads	Dr B Sudharshan Reddy	2022-2023	202241073807	30-12-2022	[**Patent File**](https://web.archive.org/web/20250906072920/https://mrecacademics.com/Images/Patents/14_71_1.pdf)	
National Patents	1	Lecture Notes On Design Of Steel Structures As Per IS:800-2007	Mr B Vamsi Krishna	2020-2021	18059/2020- CO/L	09-11-2021		