

Annexure - 71

List of Patents for the AY:2018-19

S.No.	Patent Application No.	Faculty Name	Title of the Patent	Patent Filed Date (DD/MM/YYYY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Status of Patent (Applied/Published / Granted)
1	201841030664	Dr. Sitharthan ramachandran, Dr. Karthikeyan madurakavi, Dr. Sathees kumar natraj, Dr. Narayanan swaminathan, Dr. Rajasekaran subramaniam, Sujatha krishnamoorthy, Parthasarathy thirumanickam	A Hygienic Feeding Bottle with Controlled Cleanliness Parameters Enabled by Automatic Means and A Method For Achieving the same	16-08-2018	24-08-2018	Filed &Published
2	201841030276	Dr.Ilampoornan, Mr.Vikash,Dr.G.Hemath Kumar G	An improved voltage compensation technique for long sag condition using ac chopper	13-08-2018	17-08-2018	filed
3	201841043905	Dr. G. Hemath Kumar, A.Vasudeva Reddy, H.Mohit	Unidirectional Manufacturing of Luffa Fiber reinforcement polymer matrix composite through compression through compression cum extruder die set- up for cylindrical parts	21-11-2018	30-11-2018	Filed &Published
4	201941008534	Dr. G. Hemath Kumar,Mr. H. Mohit,Dr. Sanjay Mavinkare Rangappa,Mr. H. Babu Vishwanath,Dr. Yogesha	Plants Dry Stem Waste Nano Fiber Reinforced Polymer Composites	05-03-2019	15-03-2019	Filed &Published
5	201941020830	Dr. G. Hemath, H. Babu Vishwanath, Dr.Illampoornan M K,Dr.Harinath Gowd, Dr.H.Mohit	Design Of Automatic Garden Sprinkling System With Mobile Alert	26-05-2019	07-06-2019	Filed &Published
6	2019410117448	Dr.G .Hemath Kumar, Dr.C.Yuvaraj, Mr.S.Mohan Raj,Mr.H.Mohit	A Novel Hole Making Technique During The Thermoforming On Plastic Sheets	02-05-2019	24-05-2019	Filed &Published
7	201941017470	Dr. K. R. Kashwan	Smart and Intelligent Embedded System for Brake-Energy Harvesting of Moving Vehicles for Automatic Tire Inflation and Thrust Generation	02-05-2019	-	filed


Secretary & Correspondent
Madanapalle Institute of
Technology & Science
MADANAPALLE 517 325


Principal
Madanapalle Institute of
Technology & Science
MADANAPALLE

List of Patents for the AY:2019-20

S.No.	Patent Application No.	Faculty Name	Title of the Patent	Patent Filed Date (DD/MM/YYYY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Status of Patent (Applied/Published / Granted)
1	201941029087	Dr.Illampoornan M K , Dr. G. Hemath Kumar, H Babu Vishwanath	Differential Protection For Single Phase Transformer Using Arduino With IOT	19-07-2019	09-08-2019	Filed &Published
2	201941027725	Dr. G. Hemath, Mr.A.Vasudeva Reddy, Dr.C.Yuvaraj,Dr.H.Mohit	Removal Apparatus For Cylindrical Polymer Matrix Composite (Pmc) Parts Fabricated By Compression Cum Extruder Method	10-07-2019	02-08-2019	Filed &Published
3	201941027362	H.Mohit, Karthikeyan N , Dr.G.hemath Kumar, Dr.Rajesh Purohit ,H. Babu Vishwanath	Development Of Waste Nano Chicken Keratin Fiber And Al-Sicnp Reinforced Hybrid Polymer Composites	09-07-2019	02-08-2019	Filed &Published
4	201941027153	H Mohit, Dr. G. Hemath Kumar, H Babu Vishwanath, Sanjay Mavinkere Rangappa, Dr.-ing. Habil Suchart Siengchin, Arpita G R	Development Of Car Bumper Material Utilizing Sugarcane Nanocellulose, Dry Leaves Fiber, Glass Fiber And Al-Sicnp Reinforced Hybrid Polymer Composites	07-07-2019	02-08-2019	Filed &Published
5	304113	Dr.G.Hemanth Kumar, Mr.Harinathan Kumar, Dr.Muralidhar Singh	Dining Table	28-03-2018	16-07-2019	
6	306613	Dr.G.Hemanth Kumar	Bench Vice	13-06-2018	10-12-2019	

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7	201941048028	Dr. K. R. Kashwan, Gnanendra Naidu E	Artificial Intelligence Inspired Smart Embedded System for Monitoring Hand Hygiene Compliance in Healthcare Places	25-11-2019		Filed
8	202041024567	D.Harsha Vardhan, Dr. D. Sai Chaitanya Kishore, B. Anjaneyulu, V. Ajay, Gadham Setty Guru Mahesh, Manu Ravuri	Vehicle Hand Automatic Sanitizer System Using Pre-Defined Instruction	11-06-2020	19-06-2020	Filed & Published
9	202041020694	Dr.A.V. Sriharsha, Dr. K.L.N.C.Prakash, Dr. G.N.Vivekananda, Dr. K Ramesh Rao,Dr.M V Rathnamma, Dr. V Venkata Ramana	ID- Validation And Tracking System: Digital Identity Validation And Tracking System Using Machine Learning, Deep Learning Programming.	16-05-2020	05-06-2020	Filed and published
10	202041017323 A	B.S.charulatha, A.Vishnu Priya, Ashish Kumar S, R.Rajakumar, K.Dinesh, M.Ezhilvendan	Wireless Communication Enabled Person Identification and Situation Aware System	22-04-2020	05-06-2020	Filed & Published
11	202041012331	Dr. M V Rathnamma, Dr. V Venkataramana, Dr. A.V. Sriharsha, Dr. K.L.N.C. Prakash, Dr. G.N. Vivekananda, Dr. K Ramesh Rao	HTVM-Block Chain System: Healthcare Transaction Validation and Medical Observation Care Using Block Chain System	21-03-2020	08-05-2020	Filed & Published

List of Patents for the AY:2020-21

S.No.	Patent Application No.	Faculty Name	Title of the Patent	Patent Filed Date (DD/MM/YYYY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Status of Patent (Applied/Published / Granted)
1	2020101466	S., Karthik ; R., Nidhya ; N., Karthikeyan ; Paul, Anand ; J., Shanthini ; Rathore, Vijay Singh ; B. N., Yuvaraju ; B., Surendiran ; R. M., Bhavadharini	Blockchain Technology Based IOT Consensus Protocol For Smart Home	24-07-2020		GRANTED
2	202011031403	Surendra Singh Godara,Ravindra Singh Rana,Anish Singh,Sharwan Ram,Shri Krishna Dhakad	Sanitising Entry Gate	22-07-2020	28-08-2020	Filed and published
3	202041029271	Dr. Shanmugakumar Murugesan, Dr. Vakularani. J, Dr. P. Sarwesh , Abhilasha Vyas, Mr. Yogesh Kumar, Shivani Saluja, Dr. Usha Batra	ICIS- Cloud System: Intelligent Cloud Computing Information Sharing System	10-07-2020	31-07-2020	Filed & Published
4	202141006926	Dr. Ankit Saxena, Dr. Rahul S. Mulik,Dr. Nav Rattan,Dr. Dubba Santhosh Kumar	Fabrication and Analysis of an Artificial Human Hip Joint for Squat Posture.	19-02-2021	26-02-2021	Filed and published
5	202111020360	Dr. Nav Rattan,Dr. Rahul S. Mulik,Dr. Ankit Saxena,Ms. Aakanksha J. Kaushik	Magnetic Field Assisted Travelling Wire Electrochemical Spark Machining (TW-ECSM) Setup.	04-05-2021	21-05-2021	Filed and published
6	202141019153	Dr.Venkata Ratnam Kolluru, Dr. Shaik Razia, Dr. Rajendraprasad Name, Dr. George Tom Varghese, Dr. Rajesh Kumar Patjoshi, Dr. B B V Satya Varaprasad, Dr.P.Gopi Krishna, Dr. M. Sunil Babu	Raspberry Pibot Surveillance Security System And Method Employed	26-04-2021	07-05-2021	Filed & Published
7	202141018407	Dr. A M J Md. Zubair Rahman,Dr. V L Pavani,Dr. C Sivaraj,Dr. V Arun,K Surekha,Dr. M Mohamed Musthafa,Dr. K Vanitha	A Blockchain Based Method For Data Security In Shared Iot Networks	21-04-2021	30-04-2021	

List of Patents for the AY:2021-22

S.No.	Patent Application No.	Faculty Name	Title of the Patent	Patent Filed Date (DD/MM/YYYY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Status of Patent (Applied/Published / Granted)
1	202141038370	Dr.Siva Shankar Ramasamy, Dr.K.Chokkanathan, Ms. Sai Sudha Gadde, Dr. Mohammed Saiim Khan, Ms. Natasha Sharma, Dr. Dinesh Bhatia Mrs.Lincy N L, Mrs.Neenu Kuriakose Mr.M.Vijayaragavan	Blockchain-enabled Intelligent IoT Architecture with AI	24-08-2021	24-09-2021	
2	202141037976	Dr. C Dhananjaya Rao, Dr Mondithoka Krishna Prasad, Dr Polinati Satya Sagar, Dr.Baburao Gaddala, Dr H Joga Rao, Dr. Roshani A.Singh, Dr. Arijit Bardhan Roy, Dr.V.Nagalakshmi, Dr. Kartik N. Shinde, Mr. Venkateswara Rao Roniki,Mr. Nellore Manoj Kumar	A novel method for nano-carbon energy-storage material with specific high energy	22-08-2021		Filed
3	202141035750	Mr. Chandrasekhar Maalegoundla, Mrs. M.Hemalatha, Dr.D.Neelima Patnaik, Dr. GuruSampath Kumar Ankisetty, Dr. Pothu Raju Tupati, Dr. S V G V A PRASAD, Dr. Kartik N. Shinde, Dr. Arijit Bardhan Roy, Mr. Pradeep K G M, Dr. Kumara Swamy Jella, Mr. Nellore Manoj Kumar, Dr. G. Adilakshmi	Nanostructured Gas Sensors For Healthcare And Medical Sector	07-08-2021		Filed
4	202011023861	Neha Mahala, Dr. Sharwan Ram, Surendra Singh Godara, Anish Singh, Munesh Matwa	A Smart Portable Sanitizer Device	07-06-2020	10-12-2021	Filed & Published
5	202141056821	Dr.Varalatchoumy. M, Dr. Ganesh D R, Kisalaya Chakrabarti, Ravi Shankar, Dr. Mahendra Pratap Swain, Dr. Hakkim Devan Mydeen, Dr swati sah, Anand Kumar	Image Segmentation of Brain Tumors in 3D using Deep Learning	07-12-2021	10-12-2021	Filed and published,Awaiting Request for Examination

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6	202141055281	Dr.S Padma, Dr. Althaf Ali A, Dr.K.Chokkanathan, R. Sivasubramanian, C N Rajalakshmi	Automated Education Process With Feedback System Using Machine Learning And Ai	29-11-2021	10-12-2021	Filed and published
7	202111052180	Dr. Mohammad Salameh Almahirah, Dr. Sachin Tyagi, Jitendra Kumar Chaudhary, Amit Taneja, Ms. Tarunika, Ravi Shankar	Method To Transfer Electronic Medical Information In Secure Cloud Environment Using Block chain	14-11-2021	26-11-2021	Filed and published,Awaiting Request for Examination
8	2020103319	Vivekananda, G. N.; Kumar, Abhishek; Yuvaraj, S.; Padmanabha Reddy, Y. C. A.; Arunkumar, G.; Rishikeshan, C. A.; S., Venkatraman; E., Poornima; Kumar, Pradeep; Vengatesan, K.	To Transmit e-Medical Records for Sharing on Blockchain using Homomorphic Encryption Methods	09-11-2020		GRANTED
9	356239-001	Dr.M.Lakshmana Rao	Solar Powered Mini Cold Storage	06-01-2022	08-03-2022	
10	202022100981	Dr. L. Anantha Raman	A Construction Site Supervision System Based On Internet Of Things And Block Chain		07-03-2022	Granted
11	202241010100	Dr.K. Karnavel Dr. G. Arunkumar Mr.S. Gopalakrishnan Mrs. S. Sahunthala Dr. A. Vinodh Kumar Dr. R. Thamarai Selvi Dr. G. Sobers Smiles David Dr. P.S. Eliahim Jeevaraj Dr. Isac Gnanaraj J Dr. M. Laavanya Dr. S. Manikandan S. Palani Murugan	Intelligent Virtual Reality Kit To Succeed In Face Interviews	25-02-2022	11-03-2022	published

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12	202131058465	Prof (Dr.) Chanchal Kumar De Ms. Shreya Arora Ravi Shankar Dinesh Kumar Dr.V.Aruna Sachin Lalar DIBYENDU MUKHERJEE Aniket Kailas Shahade Roshith P Dr. Brijesh Sathian Mr. Anvar Shathik J	Machine Learning Based Fraud Apps Detection Using sentiment Analysis	15-12-2021	21-01-2022	Filed and published, Awaiting Request for Examination
13	202241034936 A	Dr.R. Maruthamuthu	The Maximum capacity estimation model for smart apartment Management using wireless sensor network	17-06-2022	24-06-2022	Published
14	202241027025	Dr.G.Arunkumar	New IOT- Enabled Technology for Online Education System	10-05-2022	17-06-2022	Published
15	202241027025	Dr. S. Raviraja Dr. Geetha. K Mr. D. Saravanan Dr. Ranjitsinh K. Nimbalkar Dr. D. Stalin David Dr. V. Tamizhazhagan Dr.G.Arunkumar Ms. Somanjoli Mohapatra Dr. Vivek Solanki Dr. Jyoti Solanki	New Iot-Enabled Technology For Online Education System	10-05-2022	17-06-2022	
16	202241028031	Dr. Duggineni Veeraiah Dr. S. Raviraja, Mr. D. Saravanan Dr. G. Arunkumar Dr. D. Stalin David Dr. U. Palani Dr. Safdar Tanweer Mr. Syed Sibtain Khalid Mr. Kolli Srinivas Dr. Shashi Kant Gupta	Cloud Computing And Iot Based Smart Ecommerce Platform Method Thereof	16-05-2022	27-05-2022	Awaiting Request for Examination

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17	202241022243	1 . Dr.I.Shanmugapriya 2 . Dr. J. Rachel Priya 3 . Dr. R.S.Tharini 4 . Mr. D. Saravanan 5 . Dr. Jalpaben K. Patel 6 . Dr.G.Arunkumar 7 . Dr Ravi Juniwal 8 . Ms Parul Bhargava 9 . Dr Raju Agrawal	Trading And Earning Money Online Management And Notification System	13-04-2022	29-04-2022	Awaiting Request for Examination
18	202241021305	Dr Kumar Manoj Bhuvanapriyan.S Dr. P. V. Raja Shekar Naresh Kumar Gurasala Dr K. Rajeshwar Rao Jyothi Padmaja Koduru Varsha Sao Dr M Thirupathi Rahul Kumar Kapil Khatri Dr Manikandan K Prof. Prashant Adsule	Implementation Of Multi-Junction Solar Cells For Increasing The Efficiency Of Solar Energy Systems	09-04-2022	22-04-2022	Awaiting Request for Examination
19	202241017591	Harshwardhan Chandrakant Pandit Dr. Navneet Kumar Agrawal Dr. Nimish H. Vasoya Mr. D. Saravanan Dr.G.Arunkumar Dr. Shashi Kant Gupta Mr. D.Prabhu	Advanced Ai Based Automation Technology In Manufacturing And Service Industries	27-03-2022	15-04-2022	Awaiting Request for Examination

List of Patents for the AY:2022-23

S.No.	Patent Application No.	Faculty Name	Title of the Patent	Patent Filed Date (DD/MM/YYYY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Status of Patent (Applied/Published / Granted)
1	202241053184	Dr. N. Saranya Devi Dr. A. Anupama Dr. Senthil Kumar J. P Dr. Aluvala Ravi Dr. V. Tamizhazhagan Mr. D. Saravanan Mr. R. Rajesh Dr. R. Rameshkumar Dr. G. Arunkumar	Transaction Flows And Transaction Processing For Bridged Payment Systems Using Machine Learning	16-09-2022	23-09-2022	Awaiting Request for Examination
2	202241053184	Dr.G.Arunkumar	Transaction Flows And Transaction Processing For Bridged Payment Systems Using Machine Learning	16-09-2022	23-09-2022	Published
3	202241054320	Mr.V.Naveen	Design Smart System of Night Vision Patrolling Robot using Cloud-based-IOT with AI		12.09.22	Published
4	202221048349	Dr. Sushil Beliya Dr. R. Rameshkumar Dr. G. Arunkumar Mr. D. Saravanan Mrs. P Lavanya Dr. B. Kavya Santhoshi Dr. D. Stalin David Mrs. Choudari Lakshmi Mr. J. Jaganathan	Human Resource Recommendation Algorithm Based On Machine Learning	24-08-2022	09-09-2022	Awaiting Request for Examination
5	202221048349	Dr.G.Arunkumar	Human Resource Recommendation Algorithm Based On Machine Learning	24-08-2022	09-09-2022	Published
6	TEMP/E-1/58451/2022-CHE	Mr.K.Sathish	A Convolutional Neural Network Based Structural Health Monitoring System	10-08-2022	06-09-2022	Published
7	202241043334 A	M.Bommy, Dr. D. Jagadeesan, Mr.J.NAGARAJ, Mr. Anandaraj B, Dr. R. Sundar	Automated Economy Risk Prediction In Sentiment Analysis	28-07-2022	19-08-2022	Published

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8	202241041430	Ms. R. Subhashini, Dr. B. Bhavya, Ms. Meenakshi Gupta, Mr. D. Saravanan, Dr. G. Arunkumar, Dr. Eyo Itam Eyo, Dr. Rashmi B H, Dr. R. Rameshkumar, Dr. D. Stalin David, Dr. Shashi Kant Gupta	Customer's Earnings, Savings, And Financial History- Classification Using Machine Learning Technology	19-07-2022	29-07-2022	Awaiting Request for Examination
9	202241041430	Dr.G.Arunkumar	Customer'S Earnings, Savings, And Financial History- Classification Using Machine Learning Technology	19-07-2022	29-07-2022	Published
10	202241040787 A	Dr S Elango	Customized And Dynamic Learning Programs Using MI And Ai	16-07-2022	22-07-2022	Published
11	365810-001	Dr. M. Lakshmana Rao	Multipurpose Crank slot sprayer	09.06.2022		Applied
12	368300-001	Dr. M. Lakshmana Rao	Lever- based weed removal tool	26.07.2022		Applied
13		Dr. K. Lakshmikhandan	Power Distribution System Planning For Smart Grid Applications Using Ann	15.08.2022		Applied
14	202242037887	Dr. Balaji damodhar	This invention is related to COVID detection and prevention of spreading using thermal cameras (100) especially in crowded places and implement UV disinfecting systems (200) to kill bacteria.	30.06.02022		Applied
15	202241047490	Dr. S.V.S. Ganga Devi	IoT Based stress level identification in EEG signal using Artificial intelligence technique	20-08-2022		Applied
16	1193891	Mr Soumya Ranjan Jena	Cyber Crime Rate Prediction using Deep Learning and AI	2022		Published
17	202241065148	Dr.G.Arunkumar	Effectiveness Of Business Model For Startup Company	25-11-2023	25-11-2022	Published

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18	202241065148	Dr. Lavanya L Dr. I. Shanmugapriya Dr. H. Hari Harasudha Dr. R. Monisha Dr. G. Arunkumar Dr. R. Rameshkumar Mr. D. Saravanan Dr.Kalpana P Mr. Krishna Kishore Datti	Effectiveness Of Business Model For Startup Company	14-11-2022	25-11-2022	Awaiting Request for Examination
19	202241062969	Dr K P Manikandan	Flying Network Secured Communication With Machine Learning Enabled Environment	03-11-2022	18-11-2022	Published
20	202241060839	Dr M Sivakumar	An Advanced image processing system using combination of IoT and cloud computing working method	25.10.2022	18.11.2022	Published
21	202241054975	Dr.N.Praveena	Cryptographic hash encryption secure algorithm of confidential data by user validating scheme for the medical healthcare		17.10.22	Published
22	202241054752	Dr M Sivakumar	A Deep Learning based image processing in computer tomography angiography with machine learning interfaces and methods	23.09.2022	14.10.2022	Published
23	202241053438	Mr. G. Muthugurunathan	Artificial Neural Network Based System For Predicting Child Mental Stress	19-09-2022	14-10-2022	Published
24	202241053859 A	Ramya P	IoT based energy efficient MAC protocol for LEO satellite constellations	20-09-2022	14-10-2022	Published
25	202241055441	Dr.G.Arunkumar	Development Of Electronic Employee Selection Process And Method Management System	03-10-2022	14-10-2022	Published

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26	202241055441	Mrs. R. Meenambigai Dr. Sushil Beliya Mr. D. Saravanan Dr. Shivilal Mewada Mr. Navnit Kumar Shukla Ms. Ayushi Gaur Dr. Jasmeet Kaur Ghuman Dr. R. Rameshkumar Mr. Krishna Kishore Datti Dr. G. Arunkumar	Development Of Electronic Employee Selection Process And Method Management System	27-09-2022	14-10-2022	Awaiting Request for Examination
27	379250-001	Dr.N.Praveena	Blockchain using Smart Parking System	14.02.23		Applied
28	202341000087 A	B Bhaskar	Design And Performance Of Charge-Plasma-Based Schottky-Fet Cmos Circuit Ring Oscillator For High Density Ics	02-01-2023	27-01-2023	Published
29	381042-001	Dr. L. Anantha Raman	Battery Pack For Electric Vehicle	07-03-2023	18-05-2023	Published
30	381139-001	Dr. L. Anantha Raman	Hydrogen Fuel Bike	09-03-2023	23-05-2023	Published
31	382157-001	Dr. L. Anantha Raman	Air And Water Quality Identifying Pen	23-03-2023	23-05-2023	Published
32	382160-001	Dr. L. Anantha Raman	Milk Quality Analysing Device	23-03-2023	25-05-2023	Published
33	6275188	Dr. L. Anantha Raman	Automated Headlight Intensity Controller for Bike	12-04-2023	24-04-2023	Granted