

Utility Patents by MJCET

S.No.	Application Number	Title	Inventor/s Details	Application Date	Year	Status
1.	5250/CHE/2014	SOLAR POWERED SPINNING WHEEL	Dr. A. SatyaNarayana Reddy	10/21/2014	2019	Granted
2.	201941054795	Process and System for Efficient Biodiesel Production	Dr. Satyanarayana M.G.V., Dr. Ishrat Meera Mirzana and Syed Shahbaz Peeran Qadri	12/31/2019	2021	Granted
3.	201941054798	A Pneumatic Quadruped Robot and a Method of Preventing Accidents Thereof	Dr. Ishrat Meera Mirzana, Dr. Kaleem Fatima and Mohammed Abdul Mugeeth	12/31/2019	2021	Granted
4.	202241011486	Structural Vibration Mitigation Damper and its Working	Dr. G. Sailaja	03/03/2022	2022	Granted
5.	202141008948	Personal Safety System to Protect Individuals from Attackers	Mr. Arshad Mohammed	03/03/2021	2021	Granted
6.	IN202141059784	Magneto Rheological Fluid Clutch System and Method of Synthesis Thereof	Dr. Hemalatha and Dr. D. Srinivas Rao	21/12/2021	2021	Granted
7.	201941054824	Method For Detecting Optimal Location And Coordinated Control Of Dstatcom In A Radial Distribution Network	Mr. J. V. R. Vittal and Mr. Rafi	12/31/2019	2020	Granted

Australian Patent byMJCET

S.No.	Application Number	Title	Inventor/s Details	Application Date	Year	Status
1.	2021104728	A method to enhance optical Properties of a Zinc Arsenic Tellurite Glass	Ahmmad Shaik Kareem, Magudapathy P, EdukondaluAvula, Ahmed Shaik Amer and Rahman Syed	4/13/2022	2022	Granted

Design Patents by MJCET

S.No.	Application Number	Title	Inventor/s Details	Application Date	Year	Status
1.	337524-001	Case for Thermal Camera	Arshad Mohammed	12/10/2021	2021	Granted
2.	339601-001	Test Kit	Arshad Mohammed	11/5/2021	2021	Granted
3.	342386-001	MR Damper	Dr. G. Sailaja	4/14/2021	2021	Granted
4.	345887-001	Mechanical Contactor	Dr. Mohammed Sajid	7/8/2021	2021	AWAITING

Faculty IPR details Department-wise

Department	Granted	Published
Mechanical Engineering	16	15
Electronics and Communication Engineering	-	03
Information Technology	03	13

Civil Engineering	-	01
Computer Science and Artificial Intelligence	03	01
Computer Science Engineering	-	03
Electrical Engineering	28	09
Basic Sciences and Humanities	-	02
Total	50	47

Total publications by faculty are 97 as on 09/10/2024

S.No.	Application Number	Title	Inventor/s Details	Year	Status	Granted/ Published on
Mechanical Engineering Department						
1	201641015552	Automotive Vehicle Wheel With Three Dimensional Printed Alloys	Dr. Ishrat M.M	2022-23	Granted	09-01-2023
2	202241056593	FGM Heat Sinks	Dr. Ishrat M.M	2022-23	Published	14-10-2022
3	202241050436	A Deep Learning And Iot Based Wind Turbine Condition Monitoring & Classification	Dr. Ishrat M.M	2022-23	Published	09-09-2022
4	202241050367	An AI & ML Based Wind Turbine Control System And Method Thereof	Dr. Ishrat M.M	2022-23	Published	16-09-2022

5	202141056650	Soil Fertility Prediction Device And Method Thereof	Dr. Ishrat M.M	2021-22	Published	31/12/2021
6	202141050866	Smart Student Data Management Device Method Thereof	Dr. Ishrat M.M	2021-22	Published	19/11/2021
7	202141006010	Bioefficacy Of Plant Derived Essential Oil From Piper Betle (L.) For Diesel Engine	Dr. Ishrat M.M	2020-21	Published	19/02/2021
8	202141003191	An Iot Based Smart Power Sprayer For Agricultural Applications	Dr. Ishrat M.M	2020-21	Published	29/01/2021
9	2021101556	HYDEL POWER GENERATION FROM MULTI STOREY BUILDING SEWERAGE	Dr. Ishrat M.M	2020-21	Granted	03-06-2021
10	360011-001	FUNCTIONALLY GRADED MATERIAL HEAT SINK	Mrs.. N B V Lakshmi Kumari and Dr. Ishrat M.M	2021-22	Granted	07-03-2022
11	412985-001	DEVICE FOR NANO COATING	Dr. Ishrat M.M	2023-24	Granted	08-04-2024
12	202041040702	Machine Learning Based Ball Throwing Machine	Dr. G. Sailaja	2020-21	Published	02-10-2020
13	202010	Machine Learning Based Fish Monitoring Machine and Method Thereof	Dr. G. Sailaja	2020-21	Granted	21-10-2020

14	202141042312	Deep Learning Based Adaptive Wind Mill Vibration Compensation System and Method Thereof	Dr. G. Sailaja	2021-22	Published	01-10-2021
15	353696-001	Nacelle of Wind Mill	Dr. G. Sailaja	2021-22	Granted	26-11-2021
16	2021102771	Charging Estimation Device Using Machine Learning	Dr. G. Sailaja	2021-22	Published	20-04-2022
17	329372-001	Multi Purpose Smart Holder	Dr. G. Sailaja	2019-20	Granted	18-05-2020
18	329373-001	Stress Detection Cap	Dr. G. Sailaja	2019-20	Granted	18-05-2020
19	360004-001	Electric Bike	Dr. Syed Khader Basha	2022-23	Granted	03-05-2023
20	202241026557 A	OPTIMIZATION OF EXHAUST NOZZLES IN HIGH-SPEED VEHICLES	Dr. Mohammad Sadak Ali Khan	2022-23	Published	03-06-2022
21	202241003576	Development of Advanced Artificial Intelligence Model and its Impact on Cryptocurrency Markey	Dr. Abdul Raheem Junaidi	2021-22	Published	04-02-2022
22	202141016244	Development of Brown Gas Based Thermo Jet Type Engine	Dr. Abdul Raheem Junaidi	2020-21	Published	23-04-2021
23	202011034072	Laparoscopic Surgical Device	Dr. Abdul Raheem Junaidi	2019-20	Published	11-02-2022

24	334185-001	Design on Laparoscopic Surgical Device	Dr. Abdul Raheem Junaidi	2022-23	Granted	02-11-2022
25	348928-001	Supporter for Portable Terminal	Dr. Abdul Raheem Junaidi	2022-23	Granted	15-12-2022
26	348899-001	Double Ended Air House Unit	Dr. Abdul Raheem Junaidi	2022-23	Granted	22-12-2022
27	6372307	Automatic Car Driving Mechanism using AI	Dr. Abdul Raheem Junaidi	2024	Granted	24-06-2024
28	202241037428 A	HANDICAPPED SOLAR CAR WASH UNIT (HSCWU)	Dr. H. K Dora	2022-23	Published	08-07-2022
29	343708-001	Fuel Briquetting Press	Mrs. N B V Lakshmi Kumari	2020-21	Granted	21-05-2021
30	381139-001	HYDROGEN FUEL BIKE	Dr.K.Hema Latha	22-23	Granted	09-03-2023
31	382157-001	AIR AND WATER QUALITY IDENTIFYING PEN	Dr.K.Hema Latha	22-23	Granted	23/03/2023
S.No.	Application Number	Title	Inventor/s Details	Year	Status	Granted/ Published on
Electronics and Communication Engineering Department						
1	AN207136	Design Sanitizer Dispenser cum Blower	Zakir Hussain Assistant Professor, ECE Department & Hakeem Aeja	2022-23	Published	10.01.2023

			Aslam Assistant Professor, ECE Department			
2	AN202341010490	Prototype for Detection and Classification of Pancreatic Tumor using CNN feature-based LLRBFNN Model	Hakeem Aeja Aslam Asst Prof ECED, Dr Sabir Hussain Asso Prof ECED, Dr. M A Raheem Asst Prof ECED & Mr.Noorullah Khan Asst Prof ECED	2022-23	Published	17.03.2023
3	AN380823001	Multi Antenna Supporter	Dr. M A Raheem Asst Prof ECED	2022-23	Published	24.11.2023
S.No.	Application Number	Title	Inventor/s Details	Year	Status	Granted/ Published on
Information Technology Department						
1	202111002807	IOT BASED REAL TIME HEALTH CARE SYSTEM ENABLED BY WEARABLE SENSOR NETWORK	Dr. Mohammad Pasha	2020-21	Published	29/01/2021
2	2021102765	Power Sharing & Eco-friendly Smart Connected Vehicle System Driven by Hybrid Renewable Energy and IoT for Highways.	MOHAMMED AFROZ	2021-22	Published	22 May 2021

3	202141043272 A	A SYSTEM AND METHOD FOR CONTROLLING DEPLOYMENT OF IOT DEVICES OVER WIRELESS NETWORKS WITH AN ADAPTIVE GATEWAY	S. Fouzia Sayeedunnisa	2021-22	Published	05/11/2021
4	202341017402 A	DESIGN OF SIX SIGMA METHODOLOGIES IN DATA MINING TO ANALYZE THE SUPPLY CHAIN QUALITY OF ORGANIZATION	S. Fouzia Sayeedunnisa	2022-23	Published	07/04/2023
5	356677-001	SMART PATIENT REGISTRATION SYSTEM	S. Fouzia Sayeedunnisa	2022-23	Granted	17/02/2023
6	202341017126	Crime rate analysis and prediction using Data Mining and Machine Learning	Gouri R Patil	2022-23	Published	17/03/2023
7	202341009147 A	Assessing AI Contribution to Anti-Corruption Operations	SYED AZAR ALI	2022-23	Published	17/02/2023
8	202341009147 A	DESIGN OF SIX SIGMA METHODOLOGIES IN DATA MINING TO ANALYZE THE SUPPLY CHAIN QUALITY OF ORGANIZATION	SYED AZAR ALI	2022-23	Published	17/02/2023
9	No.202341089259 A	A SYSTEMATIC METHOD FOR DIGITAL AND SOCIAL MEDIA METRICS ON MENTAL		2023-24	Published	12/01/2024

10	202021049599	HEALTH APPROACHES FOR YOUTH	Gouri R Patil	2020-21	Published	27/11/2020
11	Design no: 392582-001	ROBOTIC DEVICE FOR HUMAN RESOURCE DEPARTMENT	Dr. A. S. Gousia Banu	2023-24	Granted	11/08/2023
12	Design no: 6389973	AI BASED DEVICE FOR SPLICING OPTICAL FIBRES	Dr. A. S. Gousia Banu	2024-25	Granted	10 September 2024
13	202241020912	Authenticity & Security for Critical & Important Data Storage Using Blockchain	Dr. A. S. Gousia Banu	2022-23	Published	07.04.2022
14	202217011008 A	Diagnostics & Treatment help patients at Remote Locations using Edge & Fog Computing	Dr. A. S. Gousia Banu	2021-22	Published	01/03/2022
15	202131056232 A	Generating a Map of Potential Customers & Segregating IT for Product Marketing Using Classification & Regression Methods	Dr. A. S. Gousia Banu	2022-23	Published	2022-06-17
16	20184010055 A	Intelligent display board & a system to display data received over a network	Dr. A. S. Gousia Banu	2017-18	Published	19/3/2018
S.No.	Application Number	Title	Inventor/s Details	Year	Status	Granted/ Published on

Civil Engineering Department						
1	202241030585 A	Structured Transmission Towers Vibrations of latticed steel Conductive Cable	Dr.Qamar Sultana	2022	Published	17/06/2022
S.No.	Application Number	Title	Inventor/s Details	Year	Status	Granted/ Published on
Computer Science and Artificial Intelligence Department						
1	329373-001	STRESS DETECTION CAP	Dr Uma N Dulhare	2022	Granted	10-07-2020
2	2021104997	SMART YOGA ASSISTANT MIRROR USING IOT & COMPUTER VISION FOR HEALTHY LIFE	Dr Uma N Dulhare	2022	Granted	11-05-2022
3	20211011322	AWS-CLOUD DATA (EC2) (AMAZON WEB SERVICES) PERFORMANCE IMPROVEMENT USING MACHINE AND DEEPLARNING PROGRAMMING	Dr.M.Upendra Kumar	2021	Granted	14.03.2021
4	202141016524	A SECURITY FRAMEWORK FOR INTERNET OF THINGS (IOT) INTEGRATED SERVICE	Dr.M.Upendra Kumar Dr .SYED SHABBEER AHMAD	2021	Published	06/08/2021

		ORIENTED ARCHITECTURE AND APPLICATIONS				
S.No.	Application Number	Title	Inventor/s Details	Year	Status	Granted/ Published on
Computer Science and Engineering Department						
1	20244106138	IOT Based agrcuture ROBOT for framing	A.VENUGOPAL RAO	2023	Published	
2	202441013740	AI -POWERD DEVICE PRCISE AMNIOTIC MONOTOR AND PREGNACY MANAGEMENT	DR.SYED SHABBER AHMAD	2024	Published	
3	202141013272	A system and method for contrlong deployment of devices over wireless netwoks with an adaptive gateway	Dr.Fahmina Taranum	2021	Published	
S.No.	Application Number	Title	Inventor/s Details	Year	Status	Granted/ Published on
Basic Sciences and Humanities Department						

1	Utility model no. 2023 105 724	A system for producing a SEIVR (Susceptible Exposed Infected Vaccinated Recovery) model for Covid dynamics	Ahmmad, Shaik Kareem	2023	Granted	06.11.2023
2	Utility model no. 2023 104 447	A refractive index prediction system for analyzing nitrogen impanation of zinc-arsenic-tellurite glasses	Ahmmad, Shaik Kareem, Mohd Abdul, Haleem Rizwan and Siddiqui, Nazima	2023	Granted	25.09.2023
S.No.	Application Number	Title	Inventor/s Details	Year	Status	Application date
Electrical Engineering Department						
1	202041026386 P.No 401492	Smart Face Shield	Mr. Arshad Mohammed	2020	Granted 2022	6/23/2020
2	202041029571 P.NO :506779	Smart Hand Sanitizer Making and Dispensing Machine	Mohammed Umair Quadri, , Mr. Arshad Mohammed	2020	Granted 2024	11/07/2020
3	202041030623 P.No.506779	Smart Farm Fence	Arshad Mohammed	2020	Granted 2024	17/07/2020
4	202031033598 P.No: 483002	IOT Based Medicine Container Management System	. Mahaboob Shaik, Mr. Arshad Mohammed	2020	Granted 2023	06/08/2020
5	202041034076 P.NO: 527700	Low-cost Public Transport Disinfection and Sterilization System	Mr. Arshad Mohammed	2020	Granted 2024	08/08/2020

6	202141042314	Deep Learning Based Adaptive Windmill Vibration Compensation System and Method Thereof	Arshad Mohammed	2021	Published	18/09/2021
7	202041010766	Low cost Reconfigurable Smart Switch for Home Automation and Security	Arshad Mohammed	2020	Published	3/12/2020
8	202041016774	Artificial Intelligence Based Autonomous Car Jack	Mrs. Bibi Mariyam and Arshad Mohammed	2020	Published	4/19/2020
9	202041017781	An energy Efficient Building Energy Management System (BEMS)	Dr. Mohd. Abdul Muqet and Arshad Mohammed	2020	Published	4/25/2020
10	202041010766	Low cost Reconfigurable Smart Switch for Home Automation and Security	Mr. Arshad Mohammed	2020	Published	12/03/2020
11	202041016774	Artificial Intelligence Based Autonomous Car Jack	, Mrs. Bibi Mariyam, Arshad Mohammed	2020	Published	19/04/2020
12	202041017781	An energy Efficient Building Energy Management System (BEMS)	Dr. Mohd. Abdul Muqet, Arshad Mohammed	2020	Published	25/04/2020
13	202041040702	Machine Learning Based Ball Throwing Machine	Dr. G. Sailaja, Arshad Mohammed, Dr. Mahaboob Shaik	2020	Published	21/09/2020
14	202041057564	Smart Rodent Detection and Control Devise	Dr. Mohammad Haseeb Khan, Mr. Arshad Mohammed	2020	Published	31/12/2020

15	2021102771	Electric vehicle charging estimation device using machine learning	Bibi Mariyam, and Arshad Mohammed	2022	Granted	4/20/2022
16	2021101556	Hydel power generation from multi storey building sewerage	Arshad Mo , Sajid Mohammed and Mahaboob Shaik	2021	Granted	5/19/2021
17	2021100895	Machine learning based solar tracking system and method thereof	Arshad Mohamammed	2021	Granted	4/14/2021
18	2020104355	Iot and machine learning based power quality improvement system for micro-grid	Arshad Mohammed, Sajid Mohammed	2021	Granted	3/10/2021
19	2020102473	Machine learning and iot -based smart self adjusting potty seat	Dr; Mohammed, Arshad Mr Dr; Shaik, Mahaboob DR	2020	Granted	28/09/2020
20	2021101212	Smart public transport disinfection and sterilization system	Shaik, Mahaboob and Mohammed,Arshad	2021	Granted	08/03/2021
21	2020103212	Iot and machine learning-based power distribution management system	Shaik, Mahaboob and Mohammed, Arshad	2020	Granted	04/11/2020
22	2020102433	Machine learning based fish monitoring machine and method thereof	Arshad Mohammed, Mahaboob Shaik	2020	Granted	25/09/2020
23	2020103563	Machine learning based plant growth moderator	Mohammed, Arshad and Shaik, Mahaboob	2020	Granted	19/11/2020
24	2020103211	Machine learning based rodent detection and control device	Shaik, Mahaboob and Mohammed, Arshad	2020	Granted	04/11/2020

25	2020102642	Machine learning-based smart workout mirror and method thereof	Shaik, Mahaboob and Mohammed, Arshad	2020	Granted	08/10/2020
26	2020103765	Iot and machine learning-based student management system	Shaik, Mahaboob and Mohammed, Arshad	2020	Granted	29/11/2020
27	377795-001	HELMET	Dr. Mohammad Haseeb Khan	2023	Granted 2024	22/01/2023
28	372443-001	Sanitizer Dispenser cum Blower	Mohammed Arshad, Dr	2023	Granted 2024	22/01/2023
29	380823-001	Multi Antenna Holder	Mohammed Arshad, Dr, G Ravi Kiran	2023	Granted 2024	05/03/2023
30	353696-001	Nichelle of Wind Turbine	Dr. Mohammad Haseeb Khan, Mohammed Arshad, Dr	2021	Granted	11/26/2021
31	328307-001	Smart Assistant Holder	Arshad Mohammed	2021	Granted	10/8/2021
32	332368-001	Automatic Sanitizer Dispenser	Dr. Shaik Mahaboob and Arshad Mahammed	2021	Granted	3/12/2021
33	329372-001	Multi-Purpose Smart Holder	Arshad Mohammed, Dr. Mahaboob Shaik, , Dr. Mohd. Abdul Muqeet	2020	Granted	11/27/2020
34	332185-001	Medicine Container	Dr. Shaik Mahaboob, Mr. Arshad Mohammed	2020	Granted	8/21/2020
35	330781-001	Automatic Hand Sanitizer	Arshad Mohammed,	2020	Granted	7/6/2020

36	330167-001	Smart Self Disinfecting Face Shield	Mr. Arshad Mohammed	2020	Granted	6/18/2020
37	329373-001	Stress Detection Cap	Arshad Mohammed, Dr. Mahaboob Shaik, Bibi Mariyam and Dr. Mohd. Abdul Muqet	2020	Granted	7/10/2020