



MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi and Affiliated to Pondicherry University

Accredited by NBA, New Delhi and NAAC with 'A' grade

A Unit of Sri Manakula Vinayagar Group of Educational Institutions

ACADEMIC YEAR 2023-24

LIST OF PATENTS

List of Patents registered/accepted:

- ❖ Total No. of Patents Filed : 17
- ❖ Patent Journal Published : 17
- ❖ Patent Awarded : 17

S.No	Year	Applicant Name	Inventors name	Patent details	Application No & Date of Registration	Status (Awarded/ Filed)
1.	2023	Manakula Vinayagar Institute Of Technology	Kailash. M Mohanraj U K.Selvam J.Sugumaran	Fabrication Of Automated Voice Assisted Wheel Chair	202341073062 27-10-2023	Published
2.	2023	Manakula Vinayagar Institute Of Technology	Dr. Sedhuraman. K Mohamed Yusuf Satham Hussain. M Vasanth Kumar. V	Robot Arm Handling Using Intelligent Image Processing	202341073063 27-10-2023	Published
3.	2023	Manakula Vinayagar Institute Of Technology	Dr. R. Baghya Nisha	Development Of Egg Powder Using Tray Dryer	202341073071 27-10-2023	Published
4.	2023	Manakula Vinayagar Institute Of Technology	Dr.R.Baghya Nisha Shailajha. R	Carotenoid Based Biodegradable Visual Indicator Films	202341073073 27-10-2023	Published
5.	2023	Manakula Vinayagar Institute Of Technology	Renuka Devi Dr.V.Govindan Srinath. G Sourav Rajesh Sheshanth.R Prem Kumar	Battery Operated Portable Mini Vacuum Cleaner	202341073086 27-10-2023	Published
6.	2023	Manakula Vinayagar Institute Of Technology	Dr.S.Arunmozhi	Automatic Soup Vending Machine Using Plc(Fx1n32mr)	202341073103 27-10-2023	Published
7.	2023	Manakula Vinayagar Institute Of Technology	Mr.R.Raj Bharath Dr.N.Palanivel	Wearable Gloves For Easy Way Of Communication Between Deafand Dumb People To Normal People	202341073109 27-10-2023	Published

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Medical College Campus, Puducherry - 605 107.

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8.	2023	Manakula Vinayagar Institute Of Technology	Vasanth. B Krishna Kumar. S	IoT Based Solar Powered Grass Cutter With Plougher	202341073662 30-10-2023	Published
9.	2023	Manakula Vinayagar Institute Of Technology	Mr. S. Rajkumar Venkatramanan. M Abdul Razzak. N Siva Prakash. S	IoT Based Pneumatic And Portable Smart ventilator	202341076843 10-11-2023	Published
10.	2023	Manakula Vinayagar Institute Of Technology	Ms S.K.Sugunedham Vishnu Priyan.E S.Jeevanandha P.Ragul A.Vishnuselvam	Real-Time Power Monitoring System For Improved Energy Efficiency	202341077368 14-11-2023	Published
11.	2023	Manakula Vinayagar Institute Of Technology	Mrs.K.C.Nithyasre e S.Roshma P.Vishnu Priya A.Anitha	Fire Emergence And Automation System Using Arduino	202341077375 14-11-2023	Published
12.	2023	Manakula Vinayagar Institute Of Technology	Anupriya.K Kirubakaran.N Haarris.M Jethendiran. V	Industrial Gas Detection Ensuring Safety & Security- Using IoT	202341081748 01-12-2023	Published
13.	2023	Manakula Vinayagar Institute Of Technology	Dr. C. Shanmuga Sundaram Datchinamoorthi.E Hemachandiran.A Gowtham.S	Footboard Avoidance System For Transport Vehicle	202341081757 01-12-2023	Published
14.	2024	Manakula Vinayagar Institute Of Technology	Mr. K.Premkumar Dr. P. Sivakumar Dr. A. Meiappane N.Yugavarman	Pressure Cooker Whistle Counter And Notification System using IoT	202441000038 01-01-2024	Published
15.	2024	Manakula Vinayagar Institute Of Technology	Dr. P. Sivakumar Dr. A. Meiappane Ms. S. Amirtha Varshini	Smart Garage Door	202441000041 01-01-2024	Published
16.	2024	Manakula Vinayagar Institute Of Technology	Kumaraguru. V Harikrishnan.M Jerome A.K. Mugundan .S	Multi-Utility Mechatronic Bot A Versatile Solution For Diverse industries And Medical Field	202441000048 01-01-2024	Published
17.	2024	Manakula Vinayagar Institute Of Technology	Mrs.S.K.Sugunedham C.Madhumitha S.Pooja S.Preethisha S.Narmathasri	Automated Dossette Box Using IoT	202441000050 01-01-2024	Published

List of Design Patents Registered/Accepted

❖ Total No. of Design Patents Filed : 18

❖ Design Patent Awarded : 17

S.No.	Year	Applicant name	Patent details	Application No. & Date of Registration	Status (Awarded/ Filed)
1.	2023	R. Priya M. Kawsika S. Pavithra B. M. Priyaa	Smart Bluetooth Speaker For Mobile Phone With Caller Name Announcer	394160-001 31/08/2023	Granted
2.	2023	R. Priya M. Sivaraj Sravan. C. V S. Keshavan	Portable Crank Charger	394176-001 31/08/2023	Granted
3.	2023	R. Priya M. Devakumaran L. Gnanavel K. Greeth	Tesla Coil Based Lamp	394177-001 31/08/2023	Granted
4.	2023	R. Priya N. Amarabalan P. Deepak Rengan C. Mugundhan	Smart Walking Stick For Visually Impaired	394178-001 31/08/2023	Granted
5.	2023	R. Priya R. Barathkumar J. Asharuthmaan M. Bhuvaneshwaran M. Vaishnav	Surveillance Robot	394180-001 31/08/2023	FER
6.	2023	R. Priya Priyadharshini. S Akshaya. R Sharunivethitha. S	Vacuum Cleaning Robot	394181-001 31/08/2023	Granted
7.	2023	R. Priya Krishnakumar. S Karthick. S Yogesh. S	Solar Powered Portable Smart Led Street Light	394183-001 31/08/2023	Granted
8.	2023	Ms A Punitha Dr P Sivakumar Ms C Kavitha Ms Saranya	Smart Pill Dispensing System	396685-001 05/10/2023	Granted
9.	2023	Dr P Sivakumar Mrs R Kowsalya Mrs J Prabavadhi Mrs G.N Anuradha	Image Based Traffic Management System	396688-001 05/10/2023	Granted
10.	2023	Ms S Gayathri Mrs R Kowsalya Ms S Saranya Mr S Shanmuga sundaram	Portable Barrier For Restricted Entry	396689-001 05/10/2023	Granted

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11.	2023	Dr A Meiappane Ms A Punitha Ms S Gayathri Mrs D Sudha	Keyboard Vaccum Cleaner	396690-001 05/10/2023	Granted
12.	2023	Mrs J Prabavadhi Dr A Meiappane Mr G Nandhakumar Mr L Sankari	Portable Air Blower	396691-001 05/10/2023	Granted
13.	2023	Yuvan Prabhu R Asha Priya N Sridaran K S Arunmozhi	Water Quality Monitoring Hydro Ball	396702-001 05/10/2023	Granted
14.	2023	Yuvan Prabhu R Asha Priya N Sridaran K E Ramassamy	Propelled Water Quality Monitoring hydrosphere	396702-002 05/10/2023	Granted
15.	2023	Sankaran A M Mohamed Saleem M Mohammed Umer K Venkadakrishnan	Tablet Stand	396703-001 05/10/2023	Granted
16.	2023	Sankaran A Manibarathi R Suriya P Mohamed Sulaiman A	Game Pad With Automatic Child Lock	396704-001 05/10/2023	Granted
17	2024	Dr. Valli Er. Manojkumar Mr. Anbarasan Ms. Mahalakshmi Ms. Nivetha S	Electromyographic Signal- Controlled Prostheticarm24-03	403573-001	Granted
18	2024	Dr. Valli Er. Manojkumar Mr. Anbarasan Ms. Mahalakshmi Ms. Nivetha S	Electromyographic Signal- Controlled Prosthetic hand with semi autonomous grasping with fingers-24-03	403660-001	Granted

COPY RIGHT

Continuation Sheet...

List of Copy Right Registered/Accepted:

- ❖ Total No. of Copy Right Filed : 7
- ❖ Copy Right Awarded : 7

S. No.	Year	Dairy Number	Title of Work	Status (Awarded/ Filed)
1.	2023	7906/2023-CO/L	Simulation Training	Registered
2.	2023	7982/2023-CO/L	Conceptual Model on Process of Enhancing Financial Literacy	Registered
3.	2023	8034/2023-CO/L	Family Business Facilitates Adolescent Employment -An InsighT	Registered
4.	2023	8096/2023-CO/L	The Inclusion of Carbon Fiber Materials in PPE Body Kit	Registered
5.	2023	8102/2023-CO/L	Conceptual Model on Genesis of Homepreneurs	Registered
6.	2023	8139/2023-CO/L	Conceptual Framework of Psychological Wellbeing of Employees atwork place	Registered
7.	2023	22236/2023-CO/L	Reach Frequency Impact - Structured Equation Model - (RFI -SEM)	Registered

R. V. V.
16/12/23

HEAD / R&D



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