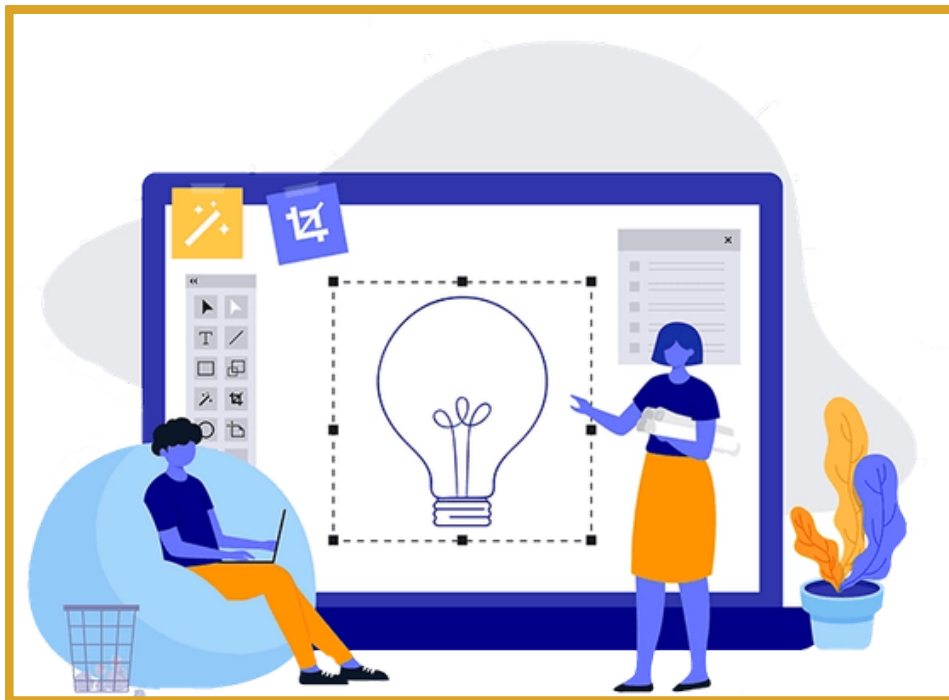




SRI MANAKULA VINAYAGAR
ENGINEERING COLLEGE
(AN AUTONOMOUS INSTITUTION)

RESEARCH & DEVELOPMENT CELL

DESIGN PATENTS





Research and Development Cell
Design Patent-2021

List of Design Patents Registered/Accepted:

- ❖ Total No. of Design Patents Filed : 56
- ❖ Design Patent Awarded : 55

S.No.	Year	Applicant name	Patent details	Application No. & Date of Registration	Status (Awarded/ Filed)
1.	2021	Sri Manakula Vinayagar Engineering College, Dr.G.G.Sozhamannan E. Manikandan, Dr. K. Velmurugan, S. Shanthosh,	Green Peas Sheller with Collecting Tray	350541-001 4/10/2021	Granted
2.	2021	Sri Manakula Vinayagar Engineering College Dr. K. Hemalatha A. Jeyachandran R. Manikandan K. Navanitha Krishnan	Maize Dehusker	350541-002 4/10/2021	Granted
3.	2021	Sri Manakula Vinayagar Engineering College, Dr. S. Anbumalar, Dr. P. Jamuna, Dr. D. Raja, Dr. S. Ganesh Kumaran,	Smart Agro Weeder Machine	350541-003 4/10/2021	Granted
4.	2021	Sri Manakula Vinayagar Engineering College, Dr.G. G. Sozhamannan, Mr. E. Manikandan, Dr. K. Velmurugan, Mr. S. Shanthosh,	Green Peas Depoding Machine	350541-004 4/10/2021	Granted
5.	2021	Sri Manakula Vinayagar Engineering College Dr.V.S.K. Venkatachalapathy Dr. K. Velmurugan Dr. K. Hemalatha R. Hemanth Kumar	Pomegranate Deseeder with Collecting Duct	350542-001 4/10/2021	FER Examination Report has been Generated ,Case is awaiting for Examination Report Reply (FER generated on 16/11/2021)
6.	2021	Sri Manakula Vinayagar Engineering College Dr. V. S. K. Venkatachalapathy Dr. K. Velmurugan S. Vijayaraj B. Parameishwar	Bamboo Bicycle Frame	350543-001 4/10/2021	Granted

7.	2021	Sri Manakula Vinayagar Engineering College Dr. R. Raju Dr. S. Geetha N. Kalaiselvi G. Arthi	Accident Notifying Device for Vehicles	350544-001 4/10/2021	Granted
8.	2021	Sri Manakula Vinayagar Engineering College Dr. G. G. Sozhamannan Dr. G. Balamuruga Mohan Raj Dr. K. Velmurugan S. Maheswaar	Fish Tank Lid with Solar Operable Fish Feeder	350545-001 4/10/2021	Granted
9.	2021	Sri Manakula Vinayagar Engineering College Dr.V.S.K. Venkatachalapathy Dr. K. Velmurugan Dr. K. Hemalatha R. Hemanth Kumar	Pomagranate Deseeder	350546-001 4/10/2021	Granted
10.	2021	Sri Manakula Vinayagar Engineering College Dr. K. Hemalatha A. Jeyachandran R. Manikandan K. Navanitha Krishnan	Portable Maize Dehusking Machine	350547-001 4/10/2021	Granted
11.	2021	Sri Manakula Vinayagar Engineering College Dr. A. G. Ganesh Kumar Mr. S. Arulpradeed M. Gopalakrishnan S. Santhoshkumar	Cotton Ginning Machine	350932-001 07/10/2021	Granted
12.	2021	Sri Manakula Vinayagar Engineering College Dr. A. G. Ganesh Kumar Mr. S. Arulpradeed M. Gopalakrishnan S. Santhoshkumar	Portable Cotton Ginning Machine	350933-001 07/10/2021	Granted
13.	2021	Sri Manakula Vinayagar Engineering College Dr. G. G. Sozhamannan Dr. G. Balamuruga Mohan Raj Dr. K. Velmurugan S. Maheswaar	Fish Tank Lid with Automated fish Feeder	350934-001 07/10/2021	Granted
14.	2021	Sri Manakula Vinayagar Engineering College Dr.J.Pavalavana Pandian Dr. L. Saravanan K. Raghaventhiran K. Sivaranjeeth	Baggage Weight Analyzing and Conveying System for Domestic Airlines	350935-001 07/10/2021	Granted
15.	2021	Sri Manakula Vinayagar Engineering College Dr.J.Pavalavana Pandian Dr. L. Saravanan K. Raghaventhiran	Baggage Weight Analyzer with Conveyer for Aircraft Loading 8582	350936-001 07/10/2021	Granted

		K. Sivaranjeeth			
16.	2021	Sri Manakula Vinayagar Engineering College Dr. K. Velmurugan S. Vijayaraj B. Parameishwar	Double Beaned Bamboo Bicycle Frame	350937-001 07/10/2021	Granted
17.	2021	Sri Manakula Vinayagar Engineering College Dr. K. Velmurugan Dr. K. Hemalatha R. Hemanth Kumar	Pomegranate Deseeder with Collecting Duct	350938-001 07/10/2021	Granted
18.	2021	Sri Manakula Vinayagar Engineering College Dr. P. Raja Dr. P. Arunagiri Dr. V. Bharathi L. Barakathullah	Shoe for Visually Impaired	350939-001 07/10/2021	Granted
19.	2021	Sri Manakula Vinayagar Engineering College Dr. P. Raja Dr. P. Arunagiri Dr. V. Bharathi L. Barakathullah	Smart Shoe for Visually Impaired	350939-002 07/10/2021	Granted
20.	2021	Sri Manakula Vinayagar Engineering College Dr. R. Raju Dr. S. Geetha N. Kalaiselvi G. Arthi	Accident Notifying System for Vehicles	350940-001 07/10/2021	Granted
21.	2021	Dr. J. Abbas Mohaideen	Automatic Sanitizer Dispenser	347231-001 03/08/2021	Granted
22.	2021	Dr. J. Abbas Mohaideen	Foot Operated Dual Sanitizer	347231-002 03/08/2021	Granted
23.	2021	Sri Manakula Vinayagar Engineering College and Other	Smart Cooking Appliance	354164-001 02/12/2021	Granted
24.	2021	Sri Manakula Vinayagar Engineering College and Other	Smart Cooking Device	354164-002 02/12/2021	Granted
25.	2021	Sri Manakula Vinayagar Engineering College and Other	Smart Garbage Bin With Garbage Level Monitoring System	354165-001 02/12/2021	Granted
26.	2021	Sri Manakula Vinayagar Engineering College and Other	Automatic Head Light Beam Controller for Vehicles	354166-001 02/12/2021	Granted
27.	2021	Sri Manakula Vinayagar Engineering College and Other	Smart Energy Consumption Monitoring Meter	354166-002 02/12/2021	Granted
28.	2021	Sri Manakula Vinayagar Engineering College and Other	Stretcher Cum Wheel Chair	354167-001 02/12/2021	Granted
29.	2021	Sri Manakula Vinayagar Engineering College and Other	Air Conditioner Duct Cleaning Robot	354168-001 02/12/2021	Granted
30.	2021	Sri Manakula Vinayagar Engineering College and Other	Batter Making Machine	354169-001 02/12/2021	Granted

31.	2021	Sri Manakula Vinayagar Engineering College and Other	Automated Mano and Metate	354169-002 02/12/2021	Granted
32.	2021	Sri Manakula Vinayagar Engineering College and Other	Chapathi Making Machine	354169-003 02/12/2021	Granted
33.	2021	Sri Manakula Vinayagar Engineering College and Other	Semi-Automated Coconut Shell Breaking And Grating Machine	354169-004 02/12/2021	Granted
34.	2021	Sri Manakula Vinayagar Engineering College and Other	Portable Smart Cooking Device	354938-001 15/12/2021	Granted
35.	2021	Sri Manakula Vinayagar Engineering College and Other	Automatic Cooking Machine	354938-002 15/12/2021	Granted
36.	2021	Sri Manakula Vinayagar Engineering College and Other	Solar Powered Smart Garbage Bin Garbage Level Monitoring System 09-09	354939-001 15/12/2021	Granted
37.	2021	Sri Manakula Vinayagar Engineering College and Other	Automatic Headlight Intensity Controller	354940-001 15/12/2021	Granted
38.	2021	Sri Manakula Vinayagar Engineering College and Other	Energy Meter With Wireless Message	354940-002 15/12/2021	Granted
39.	2021	Sri Manakula Vinayagar Engineering College and Other	Stretcher Cum Wheel Chair With Side Supporting Frame	354941-001 15/12/2021	Granted
40.	2021	Sri Manakula Vinayagar Engineering College and Other	Robotic Air Conditioner Duct Cleaning Device	354942-001 15/12/2021	Granted
41.	2021	Sri Manakula Vinayagar Engineering College and Other	Automatic Batter Making Grinder	354943-001 15/12/2021	Granted
42.	2021	Sri Manakula Vinayagar Engineering College and Other	Electric Coconut Shell Breaking And Grating Machine	354943-003 15/12/2021	Granted
43.	2021	Sri Manakula Vinayagar Engineering College and Other	Portable Automated Mano And Metate	354943-002 15/12/2021	Granted
44.	2021	Sri Manakula Vinayagar Engineering College and Other	Portable Chapati Making Machine	354943-004 15/12/2021	Granted
45.	2021	Sri Manakula Vinayagar Engineering College and Other	Smart Stand for Sun Tracking Solar Panel	355936-001 31/12/2021	Granted
46.	2021	Sri Manakula Vinayagar Engineering College and Other	Safety Helmet with Camera and Solar Powered Fan for Construction Workers	355937-001 31/12/2021	Granted
47.	2021	Sri Manakula Vinayagar Engineering College and Other	Smart Biometric Payment System	355938-001 31/12/2021	Granted
48.	2021	Sri Manakula Vinayagar Engineering College and Other	Portable Mount Stand for Sun Tracking Solar Panel	355939-001 31/12/2021	Granted
49.	2021	Sri Manakula Vinayagar Engineering College and Other	Smart Biometric Control System for Money Access In Banks	355940-001 31/12/2021	Granted

50.	2021	Sri Manakula Vinayagar Engineering College and Other	Portable Organic Waste Composter	355941-001 31/12/2021	Granted
51.	2021	Sri Manakula Vinayagar Engineering College and Other	Smart Organic Waste Composter	355941-002 31/12/2021	Granted
52.	2021	Sri Manakula Vinayagar Engineering College and Other	AUTOMATED RAIL TRACK INSPECTION TROLLEY	355942-001 31/12/2021	Granted
53.	2021	Sri Manakula Vinayagar Engineering College and Other	IOT Based Automated Rail Track Inspection Trolley	355942-002 31/12/2021	Granted
54.	2021	Sri Manakula Vinayagar Engineering College and Other	Smart Tablet Vending Machine	355943-001 31/12/2021	Granted
55.	2021	Sri Manakula Vinayagar Engineering College and Other	Smart Automated Medicine Vending Machine	355943-002 31/12/2021	Granted
56.	2021	Sri Manakula Vinayagar Engineering College and Other	Smart Safety Helmet for Construction Workers	355944-001 31/12/2021	Granted



Research and Development Cell
Design Patent-2022

List of Design Patents Registered/Accepted:

❖ Total No. of Design Patents Filed : 32

❖ Design Patent Awarded : 32

S.No.	Year	Applicant name	Patent details	Application No. & Date of Registration	Status (Awarded/ Filed)
1.	2022	Sri Manakula Vinayagar Engineering College and Other	GARBAGE SEGREGATING DEVICE USING IMAGE PROCESSING	356033-001 03/01/2022	Granted
2.	2022	Sri Manakula Vinayagar Engineering College and Other	FLOOR MOPPING ROBOT	356034-001 03/01/2022	Granted
3.	2022	Sri Manakula Vinayagar Engineering College and Other	SMART FLOOR CLEANING ROBOT	356034-002 03/01/2022	Granted
4.	2022	Sri Manakula Vinayagar Engineering College and Other	Automatic Floor Mopping Machine	356034-003 03/01/2022	Granted
5.	2022	Sri Manakula Vinayagar Engineering College and Other	Autonomous Floor Cleaning Robot	356034-004 03/01/2022	Granted
6.	2022	Sri Manakula Vinayagar Engineering College and Other	Driver Drowsiness Detecting and Alerting Device	356035-001 03/01/2022	Granted
7.	2022	Sri Manakula Vinayagar Engineering College and Other	Driver Drowsiness Detection and Warning System	356035-002 03/01/2022	Granted
8.	2022	Sri Manakula Vinayagar Engineering College and Other	Fuel Adulteration Detecting Device for Vehicle	356036-001 03/01/2022	Granted
9.	2022	Sri Manakula Vinayagar Engineering College and Other	Automobile Fuel Adulteration Detector	356036-002 03/01/2022	Granted
10.	2022	Sri Manakula Vinayagar Engineering College and Other	Zig Bee Based Smart Safety Helmet for Coal Mine Workers	356037-001 03/01/2022	Granted
11.	2022	Sri Manakula Vinayagar Engineering College and Other	Smart Safety Helmet for Coal Miners	356037-002 03/01/2022	Granted
12.	2022	Sri Manakula Vinayagar Engineering College and Other	Ferrous and Nonferrous Waste Sorting Machine	356038-001 03/01/2022	Granted
13.	2022	Sri Manakula Vinayagar Engineering College and Other	Lidar Sensor Based Smart Glove For Visually Impaired	373083-001 26/10/2022	Granted
14.	2022	Sri Manakula Vinayagar Engineering College	Gps Based Hand Gloves For Visually Impaired	373083-002 26/10/2022	Granted

		and Other			
15.	2022	Sri Manakula Vinayagar Engineering College and Other	Gps-Gsm Based Helmet Identifying Device For Electric Biker	373084-001 26/10/2022	Granted
16.	2022	Sri Manakula Vinayagar Engineering College and Other	Automatic Ethylene Detection System	373084-002 26/10/2022	Granted
17.	2022	Sri Manakula Vinayagar Engineering College and Other	Smart Paddock Stand For Bike	373085-001 26/10/2022	Granted
18.	2022	Sri Manakula Vinayagar Engineering College and Other	Cnn (Convolution Neural Network)Based Intelligent Automotive Light And Speed Control System	373085-002 26/10/2022	Granted
19.	2022	Sri Manakula Vinayagar Engineering College and Other	Four Legged Spider Robot Based On Theo Jansen Mechanism	373086-001 26/10/2022	Granted
20.	2022	Sri Manakula Vinayagar Engineering College and Other	Smart Soil Analyzing And Soil - Based Fertilizer Proposing System	373086-002 26/10/2022	Granted
21.	2022	Sri Manakula Vinayagar Engineering College and Other	Perforated Interlocking Brick Molding Machine	373086-003 26/10/2022	Granted
22.	2022	Sri Manakula Vinayagar Engineering College and Other	Hybrid Wind Turbine With Permanent Magnet Generator	373087-001 26/10/2022	Granted
23.	2022	Sri Manakula Vinayagar Engineering College and Other	Automated Headlight Intensity Control For Bike	373088-001 26/10/2022	Granted
24.	2022	Sri Manakula Vinayagar Engineering College and Other	Automated Billing Trolley	373088-002 26/10/2022	Granted
25.	2022	Sri Manakula Vinayagar Engineering College and Other	Wireless Charger For Electric Vehicle(Set)	373089-001 26/10/2022	Granted
26.	2022	Sri Manakula Vinayagar Engineering College and Other	Device For Power Generation From Human Stride	373089-002 26/10/2022	Granted
27.	2022	Sri Manakula Vinayagar Engineering College and Other	Surface Based Cpw-Fed Planar Monopole Antenna For Ultra Wide Band Applications	373090-001 26/10/2022	Granted
28.	2022	Sri Manakula Vinayagar Engineering College and Other	Mustard Seed Processor	373091-001 26/10/2022	Granted
29.	2022	Sri Manakula Vinayagar Engineering College and Other	Multipurpose Agriculture Machine	373091-002 26/10/2022	Granted
30.	2022	Sri Manakula Vinayagar Engineering College and Other	Automated Sewage Cleaner	373091-003 26/10/2022	Granted
31.	2022	Sri Manakula Vinayagar Engineering College and Other	Solar Powered Waste Water Treatment Apparatus	373092-001 26/10/2022	Granted
32.	2022	Sri Manakula Vinayagar Engineering College and Other	Real Time Air Quality Monitoring And Purifying System	373092-002 26/10/2022	Granted



Research and Development Cell
Design Patent-2023

List of Design Patents Registered/Accepted:

❖ Total No. of Design Patents Filed : 22

❖ Design Patent Awarded : 22

S.No.	Year	Applicant name	Patent details	Application No. & Date of Registration	Status (Awarded/ Filed)
1.	2023	Sri Manakula Vinayagar Engineering College and Other	LED Phototherapy Device	376541-001 02/01/2023	Granted
2.	2023	Sri Manakula Vinayagar Engineering College and Other	Electric Vehicle Energy Consumption Predicting Device	376542-001 02/01/2023	Granted
3.	2023	Sri Manakula Vinayagar Engineering College and Other	IOT Based Water Leakage Detection and Monitoring System	376542-002 02/01/2023	Granted
4.	2023	Sri Manakula Vinayagar Engineering College and Other	Foetal Monitoring System	376543-001 02/01/2023	Granted
5.	2023	Sri Manakula Vinayagar Engineering College and Other	Smart Farming Machine	376544-001 02/01/2023	Granted
6.	2023	Sri Manakula Vinayagar Engineering College and Other	Pneumatically Operated Three Axis Modern Trailer	376545-001 02/01/2023	Granted
7.	2023	Sri Manakula Vinayagar Engineering College and Other	Three Axis Pneumatic Modern Trailer	376546-001 02/01/2023	Granted
8.	2023	Sri Manakula Vinayagar Engineering College and Other	Robotic Automation System for Pharmacy	376547-001 02/01/2023	Granted
9.	2023	Sri Manakula Vinayagar Engineering College and Other	Flywheel Power Generating System	376548-001 02/01/2023	Granted
10.	2023	Sri Manakula Vinayagar Engineering College and Other	Plastic Crushing Machine	376549-001 02/01/2023	Granted
11.	2023	Sri Manakula Vinayagar Engineering College and Other	Speed Breaker Power Generation System	376550 -001 02/01/2023	Granted
12.	2023	Sri Manakula Vinayagar Engineering College and Other	IoT Based Electric Vehicle Energy Consumption Predicting Device	378059-001 27/01/2023	Granted
13.	2023	Sri Manakula Vinayagar Engineering College and Other	IoT Based Water Leakage Detection and Monitoring Device(SET)	378060-001 27/01/2023	Granted
14.	2023	Sri Manakula Vinayagar Engineering College	Foetal Monitoring Apparatus	378060-002 27/01/2023	Granted

		and Other			
15.	2023	Sri Manakula Vinayagar Engineering College and Other	Pneumatically Operated Three Axis Trailer	378061-001 27/01/2023	Granted
16.	2023	Sri Manakula Vinayagar Engineering College and Other	Semi-Automated Head Gesture Controlled Wheel Chair with Headset (SET)	378061-002 27/01/2023	Granted
17.	2023	Sri Manakula Vinayagar Engineering College and Other	Energy Generating Equipment Using Dual Flywheel	378062-001 27/01/2023	Granted
18.	2023	Sri Manakula Vinayagar Engineering College and Other	Power Generation System using Double Speed breaker	378062-002 27/01/2023	Granted
19.	2023	Sri Manakula Vinayagar Engineering College and Other	Plastic Crusher	378063-001 27/01/2023	Granted
20.	2023	Sri Manakula Vinayagar Engineering College and Other	Robotic Drug Dispensing System	378063-002 27/01/2023	Granted
21.	2023	Sri Manakula Vinayagar Engineering College and Other	Smart Farming Equipment with Hand Trolley (SET)	378063-003 27/01/2023	Granted
22.	2023	Sri Manakula Vinayagar Engineering College and Other	LED Phototherapy Apparatus	378064-001 27/01/2023	Granted



Research and Development Cell
Design Patent-2024

List of Design Patents Registered/Accepted:

- ❖ Total No. of Design Patents Filed : 01
- ❖ Design Patent Awarded : 01

S.No.	Year	Applicant name	Patent details	Application No. & Date of Registration	Status (Awarded/ Filed)
1.	2024	Dr. V. S. K. Venkatachalapathy Dr. K. Velmurugan	Portable Maize De-Husking Machine With Kernels collecting Tank	403574-001 01/01/2024	Granted



Research and Development Cell
Design Patent-2025

List of Design Patents Registered/Accepted:

- ❖ Total No. of Design Patents Filed : 21
- ❖ Design Patent Awarded : 17

S.No.	Year	Applicant name	Patent details	Application No. & Date of Registration	Status (Awarded/ Filed)
1.	2025	Sri Manakula Vinayagar Engineering College Dr. L. Martin Dr. K. Velmurugan Mr. S. Moorthyprakash Mis. G.Narmadha	Portable Rehab Robot For Hand And Leg Therapy(Set)24-01	461377-001 06/06/2025	Granted
2.	2025	Sri Manakula Vinayagar Engineering College Dr. P. Raja Dr. N. Saranya Dr.T. Deepa Dr. S. Dhivya B. Vighneshwara	Automatic Solar Powered Animal Repellentdevice	475187-001 29.09.2025	Granted
3.	2025	Sri Manakula Vinayagar Engineering College Dr. P. Jamuna Mr. R. Vignesh Dr. D. Sivaraj Mr. I. Shivasankkar	Smart Silkworm Rearing And Feeding System	475188-001 29.09.2025	Granted
4.	2025	Sri Manakula Vinayagar Engineering College Dr. R. Kalaiyarasan Dr. P. Raja Dr. N. Saranya Dr. R. Kurunjimalar Dr. S. B. Lenin	Dual Sensor Gas Detection And Alert System	475189-001 29.09.2025	Granted
5.	2025	Sri Manakula Vinayagar Engineering College Dr. M. Ganesan Mr. D. Rajesh Mr. Arokiaaraj Christian St Hubert Ms.V. Swathilakshmi Mrs. S. Subashree	Smart Luggage Case With Tracking Module	475190-001 29.09.2025	Case is in Amended Case of Controller
6.		Sri Manakula Vinayagar Engineering College	Iot Enabled Safety Helmet For Mine Workers	475192-001 29.09.2025	Filed

	2025	Dr. K. Premkumar P. Karthikeyan Mr. B. Thiyagarajan Mr. S. Kumarakrishnan Mrs. P. Bhavani			
7.	2025	Sri Manakula Vinayagar Engineering College Dr. M. Shanmugam Dr. N. Pazhaniraja Mr. K. Anbuthiruvaram Mrs. S. Deeba Mrs. R. Deepa	Smart Floating Fish Health Monitoringsystem	475193-001 29.09.2025	Filed
8.	2025	Sri Manakula Vinayagar Engineering College Dr. S. Ganesh Kumaran Dr.P. Jamuna Mr. K. Thangaraj Mr. R. Vignesh	Automated Multi Tier Indoor Hydroponicsystem	475194-001 29.09.2025	Granted
9.	2025	Sri Manakula Vinayagar Engineering College Dr. A. V. Srinath Mrs.T. Logasundari P. M. Bharath A. Aravind N. Salmabegam	Smart Hand Rehabilitation Glove	475197-001 29.09.2025	Granted
10.	2025	Sri Manakula Vinayagar Engineering College Dr.V.S.K. Venkatachalapathy Mr. A. Jeyachandran Dr.A A Arivalagar Dr.K. Velmurugan Dr. G. G. Sozhamannan	Automobile Piston Holding Tray	475199-001 29.09.2025	Granted
11.	2025	Sri Manakula Vinayagar Engineering College Dr. A. Thiagarajan Mr S. Pushparaj Mr S. Kalaimani Ms. M. Subitha Mr. S. Jagan	Smart Motorcycle Helmet	475200-001 29.09.2025	Granted
12.	2025	Sri Manakula Vinayagar Engineering College Dr. R. Raju Dr. S.Balaji Dr. Puspita Dash Dr. R. Anandkumar Mrs. N. Kalaiselvi Mr. R. Suresh	Iot-Based Fisherman Safety And Border Alertsystem	475201-001 29.09.2025	Granted
13.	2025	Sri Manakula Vinayagar Engineering College Dr. P. Raja Mr. S. Mohanram Dr.L. M. Varalakshmi	Automatic Traffic Control System	475201-002 29.09.2025	Granted

		R. Gayathir Dr. A. Jayachitra			
14.	2025	Sri Manakula Vinayagar Engineering College Dr.A A Arivalagar Dr. A. Thiagarajan S. Jagan S. Prakash Ms. M. Subitha	Automatic Headlight Beam Control System	475202-001 29.09.2025	Granted
15.	2025	Sri Manakula Vinayagar Engineering College Dr.V.S.K. Venkatachalapathy Dr. A. Thiagarajan Mr. S. Prakash Mr. S. Jagan Mr. S. Pushparaj	Autonomous Robotic Material Handling Trolley	475202-002 29.09.2025	At Technical Examination of Amended Application(FER generated on 07/01/2026)
16.	2025	Sri Manakula Vinayagar Engineering College Dr. A. Thiagarajan S. Kalaimani Ms. M. Subitha Mr S. Pushparaj Mr S. Prakash	Smart Attendance System With Facialrecognition	475203-001 29.09.2025	Granted
17.	2025	Sri Manakula Vinayagar Engineering College Dr. A. Thiagarajan Mr. A. Jeyachandran Mr.A. Giriprasath Mr. M. Gunasekar Mr. K. Navanitha Krishnan	Floating Oil Spill Recovery Device	475204-001 29.09.2025	Granted
18.	2025	Sri Manakula Vinayagar Engineering College Dr. R. Raju Dr. R. Saravanan Dr. N. Thilagavathi Dr. S. Balaji Ms, M. Madhumitha Dr. Puspita Dash	Smart Mobile Pill Dispenser	475205-001 29.09.2025	Granted
19.	2025	Sri Manakula Vinayagar Engineering College Dr. A. Thiagarajan M. Subitha Mr S. Prakash Mr S. Jagan Mr S. Pushparaj	Smart Intravenous (Iv) Monitoring System	475205-002 29.09.2025	Granted
20.	2025	Sri Manakula Vinayagar Engineering College Mr. K. Babu Dr. A. Vijayalakshmi Mr. A. Aravind Mrs.T. Logasundari	Aquarium With Self-Cleaning System	475206-001 29.09.2025	Granted

		R. Sathish Kumar			
21.	2025	Sri Manakula Vinayagar Engineering College Dr.A. G. Ganesh Kumar Dr. A. Thiagarajan Dr.K. Hemalatha Dr. T. Coumaressin Dr. E. Manikandan	Bamboo Composite Bookshelf	475207-001 29.09.2025	Granted



Research and Development Cell
Design Patent-2026

List of Design Patents Registered/Accepted:

- ❖ Total No. of Design Patents Filed : 01
- ❖ Design Patent Awarded : 01

S.No.	Year	Applicant name	Patent details	Application No. & Date of Registration	Status (Awarded/ Filed)
1.	2026	Dr. V. S. K. Venkatachalapathy, Dr. K. Velmurugan Dr. A. Thiagarajan	Automatic Low Water Alert Cap for Inverter Batteries	485922-001 01.01.2026	Granted