



KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS)

NAMAKKAL- TRICHY MAIN ROAD, THOTTIAM

DEPARTMENT OF MECHANICAL ENGINEERING

PATENT GRANTED DETAILS

S. N.	Name of the Faculty	Patent / Working model / Prototype	Title	Filed/ Grant with application number/ Developed /presented	Date & month of filed / grant/ developed /presented
ACADEMIC YEAR 2025-2026					
1.	Dr.S.Kumaravel	Patent-Design	Pencil Box with Multi-Opening Top Lid	Published/462583-003 Grant / 462583-003	Published on 18.06.2025 Granted on 05.05.2026
ACADEMIC YEAR 2024-25					
1.	Dr.D.Jagadeesh Dr.N.Sivashankar Dr.K.Periasamy Dr.G.Saravanan Dr.P.Muthukumar Dr.N.Ravikumar Mr.S.Chandrakumar Mr.R.Arivazhagan Mr.P.Raja	Patent-Design	Smart Wheelchair cum Stretcher	Published/430283-001 Grant / 430283-001	Published on 12.09.2024 Granted on 30.10.2024
2.	Mr.N.Sivashankar Dr.D.Jagadeesh Mr.S.Chandrakumar Mr.P.Vignesh Mr.S.V.Surya Mr.A.P.Yaswanthkumar	Patent-Design	Electrochemical Apparatus for Controlling Electrolyte Flow	Published/409149-001 Grant / 409149-001	Published on 29.02.2024 Granted on 19.11.2024
ACADEMIC YEAR 2023-24					
1.	Mr.G.Saravanan Mr.M.Ravikumar	Patent	Electro-Hydraulic Compression Based Pseudo Stem Juicer	Published/2018410250 30A Grant / 441038	Published on 13.07.2018 Granted on 28.07.2023
2.	Dr.M.Vivekanandan Dr.D.Jagadeesh Dr.G.Saravanan Dr.K.Periasamy Mr.N.Sivashankar	Patent	Improved, Low Pressure Drop Wet Scrubber for Cleaning Polluted Flue Gas	Published/2021410536 32 Grant / 468858	Published on 22.11.2021 Granted on 14.11.2023
ACADEMIC YEAR 2021-22					
1.	Dr.K.Periasamy	Patent-Design	Glove for Handling Hot Pot	Grant / 357618-001	Granted on 22.03.2022

2.	Dr.K.Periasamy	Patent	Secure and Smart Helmet Integrated with SaS-H Application for Data Transmission	Grant / 2021106699	Granted on 10.11.2021
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S. N.	Name of the Faculty	Patent / Working model / Prototype	Title	Filed/ Grant with application number/ Developed /presented	Date & month of filed / grant/ developed /presented
ACADEMIC YEAR 2025-2026					
1.	Mr.S.Kumaravel	Patent	AI enabled Spider type Robotic Development wall surface Cleaning and Automated Plaster repair with mobile app control and rechargeable battery operation	Published/2025410583 53A	Published on 18.06.2025
2.	Dr.N.Sivashankar	Patent	An artificial Intelligence Controlled image based apparatus and method for automatic flower garland manufacturing	Published/2025411341 08	Published on 27.02.2026
	Mr.R.Periyasamy				
3.	Dr.D.Jagadeesh,	Patent	High Efficiency Concentric Mirror Solar Dryer with Helical Circulation	Published/2025411341 07	Published on 27.02.2026
	Dr.P.Muthukumar,				
	Mr.N.Kawin				
4.	Dr.K.Periyasamy,	Patent	An Intelligent Wearable Automatic Inflatable safety Belt System for Human Floatation and Wear rescue	Published/2025411341 05	Published on 27.02.2026
	Dr.G.Saravanan				
ACADEMIC YEAR 2024-25					
1.	Dr.M.Vivekanandan	Patent	Enhancing Solar Air Heater Efficiency Through Innovative Flow Distribution Techniques utilizing guid	Published/2024410424 64A	Published on 04.07.2024
	Dr.D.Jagadeesh,				
	Dr.G.Saravanan				
	Dr.K.Periasamy,				
	Mr.N.Kawin,				
	Mr.S.Kumaravel,				
	Mr.S.Mohankumar,				
	Mr.Ra.Aravind,				
	Mr.J.Mahendran				

2.	Mr.R.Karthik	Patent	Development of Parallel and Counter Flow Heat Exchanger	Published/202441044179	Published on 14.06.2024
ACADEMIC YEAR 2023-24					
1.	Mr.S.Kumaravel	Patent	Manual Seeder machine with digital counter	Published/202341043318A	Published on 15.09.2023
	Mr.M.Dineshkumar				
	Mr.S.Chandrakumar				
ACADEMIC YEAR 2022-23					
1.	Dr.K.Periasamy	Patent	Car Back Seat Folded Trunk Tray	Published/202341010839	Published on 24.03.2023
ACADEMIC YEAR 2021-22					
1.	Mr.M.Dineshkumar	Patent	Smart Vision Based Iron Box Using Deep Learning Algorithms	Published/202141026992	Published on 16.07.2021