



KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS)

NAMAKKAL- TRICHY MAIN ROAD, THOTTIAM

DEPARTMENT OF MECHANICAL ENGINEERING

PATENT GRANTED DETAILS

S.No	Application No.	Patent No	Project title / Title of the work	Category	Applicant
2024-2025					
1	430283-001	430283-001	Smart Wheelchair cum Stretcher	Design Model (Granted)	Dr.D.Jagadeesh Dr.N.Sivashankar Dr.J.R.Vinodkumar Dr.K.Periasamy Dr.G.Saravanan Dr.P.Muthukumar Dr.N.Ravikumar Mr.S.Chandrakumar Mr.R.Arivazhagan Mr.P.Raja
2	409149-001	409149-001	Electrochemical Apparatus for Controlling Electrolyte Flow	Design Model (Granted)	Dr.R.Thanigaivelan Mr.N.Sivashankar Dr.D.Jagadeesh Mr.S.Chandrakumar Mr.P.Vignesh Mr.S.V.Surya Mr.A.P.Yaswanthkumar
2023-2024					
3	201841025030	441038	Electro-Hydraulic Compression Based Pseudo Stem Juicer	Prototype model (Granted)	Mr.T.Rajamanikandan Dr.R.Asokan Mr.P.Arul Mr.K.Jawahar Mr.G.Saravanan Mr.M.Ravikumar Mrs.B.Saranya Mr.S.Manojkumar Mr.B.Karthick Mrs.B.Pradeepa
4	202141053632	468858	Improved, Low Pressure Drop Wet Scrubber for Cleaning Polluted Flue Gas	Prototype model (Granted)	Dr.M.Vivekanandan Dr. R. Asokan Dr.D.Jagadeesh Dr. G.Saravanan Dr. K.Periasamy Mr.N.Sivashankar

2021-2022					
5	110666	Design No. 357618-001	Glove for Handling Hot Pot	Design Model (Granted)	Dr.G.Mahesh Dr.S.Saravanan Dr.K.Periasamy Dr.A.Kumaravadivel
6	20221106699	20221106699	Secure and Smart Helmet Integrated with SaS-H Application for Data Transmission	Prototype Model (Granted)	Saravanan S Naga Sudha C.M Jesu Vedhanayahi J Sankar Sekar Vasanthan B Renugadevi N Periasamy K Sutha S



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S.No	Application No.	Date	Project title / Title of the work	Category	Applicant
2025-2026					
1	202541058353A	18.06.2025	AI enabled Spider type Robotic Development wall surface Cleaning and Automated Plaster repair with mobile app control and rechargeable battery operation	Prototype model	Dr.T.Rajamanikandan, Dr.P.Arul, Dr.R.Shankar, Dr.K.Muthumanickam, Mr.R.Gopalakrishnan, Dr.R.Saravanan, Mrs.S.Suganya, Dr.M.Parathanan, Mr.S.Kumaravel , Mrs.R.Aruna, Mrs.L.Nivetha, Mr.a.Mohankumar
2024-2025					
1	202441042464A	14.06.2024	Enhancing Solar Air Heater Efficiency Through Innovative Flow Distribution Techniques utilizing guid	Prototype model	Dr.M.Vivekanandan Dr.D.Jagadeesh Dr. G.Saravanan Dr. K.Periasamy Mr.N.Kawin Mr.S.Kumaravel Mr.S.Mohankumar Mr.Ra.Aravind Mr.J.Mahendran Mr.T.Rajamanikandan
2	202441044179	07.06.2024	Development of Parallel and Counter Flow Heat Exchanger	Prototype model	Mr.G.Ashwin Prabhu Mr.V.Raviraj Dr.P.Tharaniya Mr.K.S.Sriram Dr.K.S.Sriram Mr.R.Karthik Mrs.M.Dharani Dr.G.M.LionusLeo Vennapusa Venkata siva Reddy Dr.K.P. Vasantha Kumar Mr.M.Aravindan

2023-2024					
1	202341043318A	15.09.2023	Manual Seeder Machine with Digital Counter	Prototype model	Mr.T.Rajamanikandan Dr.R.Asokan Dr.V.Gopinath Mr.T.Ashok Dr.A.Sampath Mr.N.Jayapal Mr.S.Satheeshkumar Mr.S.Kumaravel Mr.S.Chandrakumar Mr.M.Dineshkumar
2022-2023					
1	202341010839	24.03.2023	Car Back Seat Folded Trunk Tray	Prototype model	Dr.T.Prabakaran Dr.A.Kumaravadivel Dr.K.Elangovan Dr.K.Periasamy Dr.G.Mahadevan Dr.B.Gobalakrishnan
2021-2022					
1	202141026992	16.07.2021	Smart Vision Based Iron Box Using Deep Learning Algorithms	Prototype model	Dr.J.Yogapriya Dr.M.Dharmalingam Dr.R.Shankar Dr.C.Saravanabhavan Mr.M.Dineshkumar Mrs.S.Revathi Mr.A.Sampath Mr.S.Ragul Dr.K.Amudha Dr.P.Umarani