

A.V.C College of Engineering, Mannampandal, Mayiladuthurai

Patent – Details

A. Patent filed through A.V.C College of Engineering

S.No.	Title of the Invention	Patent filing ID	Inventors	Filed Date	Published Date	Granted date	Remarks
1.	Design of IoT based Automated Dam Safety alert system a method of Thereof	7002599918	Dr.M.Latha Dr.N.Dhansekar Dr.S.Vadivazhagi Dr.KA.Suryaprabha Dr.SA. Chithradevi	08.04.22	29.04.22	Awaiting	
2.	EX-SITU TAR Abatement Process and System for Thermal Route Biomass	202241030372A	R.Saravanan Dr.S.Vijayaraj C.Jayasri	27.05.22	17.06.22	Awaiting	
3.	A Compact Structure and Modern Approach for long term use in Solar Powered Electric Vehicle	202241042988A	Dr.A.Ravi	27.07.22	05.08.22	Awaiting	

S.No.	Title of the Invention	Patent filing ID	Inventors	Filed Date	Published Date	Granted date	Remarks
4.	Solar based Auto lifting and Ejection system for Hydroponic Fodder Production	202341031706	<i>Dr.A.Ravi, Dr.M.Latha S.Balamurugan, R.Sooriya, D.Rohith</i>	04.05.23			
5.	Structural development of wind solar operated electric vehicle with equalization topology for Battery Management system.	202341031719	<i>Dr.S.Vadivazhagi, Dr.Ka.Suryaprabha Mr.R.Gopikrishnan, R.Dheepackumar B.Sivasuriya, R.Rajkumar, K.Vishwa</i>	04.05.23			
6.	An Emotion Recognition and Controlling system at work place	202341031708	<i>Dr.S.Padmapriya, Dr.K.Krishnakumari Dr.J.Sudha, Dr.R.Sudha, Mr.R.Manishankar</i>	04.05.23			
7.	Smart Cleaner	202341031723	<i>Dr.V.Padmavathi, Mrs.K.Aruna, Dr.R.Kanimozhi, B.Aishwarya, R.Juwaira Farhana, S.Kamali, R.lakshmi Narayanan R.S.Sivaranjini</i>	04.05.23			

S.No.	Title of the Invention	Patent filing ID	Inventors	Filed Date	Published Date	Granted date	Remarks
8.	High-tech blind foldable cane	202341031711	<i>Mrs. D.Mahalakshmi, Mrs.V.Ezhilarasi Mrs.R. Valampuranayaki, P.Kishore R.Sai Muthukumar, B.Nandha Gopal R.Umaira Parveen, M.Sahid Rizwan H.Sivapriya, P.Nivetha</i>	04.05.23			
9.	AI based autonomous Indoor package delivery robot	202341031718	<i>Dr.R.Kanimozhi, Dr.V.Padmavathi Mrs.K.Aruna, M.Yuvasri, M.J.Aliya Munavar J.Suhaa, M.Mohamed Rasith, B.Bharanidharan S.Yeshvanth, V.Ajay, B. Ajay Sharma</i>	04.05.23			
10.	Smart automatic turning zone indicator in two wheelers.	202341031712	<i>Dr.G.Sridevi, Mrs.R.Renukadevi S.Santhosh Kumar, R.Bharath, B.Sivaranjani P.Sakthi Thillai Sivagama Sundhari Geetanjali Rajendran</i>	04.05.23			

B. Patent filed through other Institutions

S.No.	Title of the Invention	Patent filing ID	Inventors	Filed Date	Published Date	Granted date	Remarks
1.	Imaging and Sensing Technologies using deep learning for biomedical applications	202141040284	Dr.A.Ragavendiran	06.09.21	24.09.21	Awaiting	
2.	IoT System based on Blockchain Technology Produces a Superior level of Safety in Communication	202131054332	Dr.V.Padmavathi	24.11.21	10.12.21	Awaiting	
3.	Electronic Virtual Assistant in Banks using AI	202241040210A	Dr.R.Kanimozhi	13.07.22	22.07.22	Awaiting	
4.	Customized and Dynamic Learning Programs using ML and AI	202241040787	Dr.J.Sudha	16.07.22	22.07.22	Awaiting	