

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
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	01.07.24 Granted
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
4.	Solar based Auto lifting and Ejection system for Hydroponic Fodder Production	202341031706	Dr.A.Ravi, Dr.M.Latha S.Balamurugan, R.Sooriya, D.Rohith	04.05.23	16.06.23	Awaiting
5.	Structural development of wind solar operated electric vehicle with equalization topology for Battery Management system.	202341031719	Dr.S.Vadivazhagi, Dr.Ka.Suryaprabha Mr.R.Gopikrishnan, R.Dheepackumar B.Sivasuriya, R.Rajkumar, K.Vishwa	04.05.23	16.06.23	Awaiting
6.	An Emotion Recognition and Controlling system at work place	202341031708	Dr.S.Padmapriya, Dr.K.Krishnakumari Dr.J.Sudha, Dr.R.Sudha, Mr.R.Manishankar	04.05.23	16.06.23	Awaiting
7.	Smart Cleaner	202341031723	Dr.V.Padmavathi, Mrs.K.Aruna, Dr.R.Kanimozhi, B.Aishwarya, R.Juwaira Farhana, S.Kamali, R.lakshmi Narayanan R.S.Sivaranjini	04.05.23	16.06.23	Awaiting

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8.	High-tech blind foldable cane	202341031711	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	04.05.23	23.06.23	Awaiting
9.	AI based autonomous Indoor package delivery robot	202341031718	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	04.05.23	16.06.23	Awaiting
10.	Smart automatic turning zone indicator in two wheelers.	202341031712	Dr.G.Sridevi, Mrs.R.Renukadevi S.Santhosh Kumar, R.Bharath, B.Sivaranjani P.Sakthi Thillai Sivagama Sundhari Geetanjali Rajendran	04.05.23	16.06.23	Awaiting
11.	Development of well groomed Garbage Container for disposal of wastages in Urban area	202341044687	Dr.B.S.Sathishkumar Dr. Chitravalavan Dr.C.Jayasri Dr.K.R.Viothini	04.07.23	22.09.23	Awaiting
12.	Smart Pill box for visually impaired people	202341040737	Dr.S.Selvamuthukumaran Mr.N.Srinivasan, A.Abinaya, S.Gohul Raj K.Gokul, S.Kiruthika, K.Suria M.Vimaladevi,A. Vijayaswarna	15.06.23	29.09.23	Awaiting

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13.	<i>Voice activated emotion analysis for Real time customer feedback and Retrieval</i>	202541045844	1.Dr. S. Padmapriya, 2.Dr. K. Krishnakumari 3.K. Aakashprasanna, 4 K. Swathilakshmi 5.R. Swedha, 6.B. Nithyashree, 7.Mr. A. Vivekanandhan 8.Dr. R. Sudha	13.05.25	06.06.25	Awaiting
14.	<i>Enhancing Construction Performance through Smart Technology and Data-Driven Insights</i>	202541045883	1.Dr. R. Sudha, 2.Mr.M. Ashokvel, 3.Mr. A. Arunpandiyan, 4 M. Ishwarya 5.P. Manikandan, 6. S.Akilan, 7. B. Indra Devi, 8.M. Janani, 9.J. Mahima, 10.S.Pooja, 11.M. Aishwarya, 12.S. Roshini	13.05.25	06.06.25	Awaiting
15.	<i>Survivors Rescue Device</i>	202541045887	1.Dr.J.Sudha, 2.Mrs.R.Ramya, 3.Dr.S.Priyanka, 4.Mr.G.Arulkumar, 5.Mrs. M.Kavitha, 6.Mrs.M.Ishwarya, 7.Mrs.M.Saranya , 8.V.Harikarthik, 9.Guruprasad Ramesh Jadhav, 10.R.Aakash,	13.05.25	06.06.25	Awaiting

			11.R.V.Karthikrishna 12.B.Manikandan			
16.	<i>Designing an interactive chatbot for efficient information retrieval on government scheme</i>	202541045894	1.Dr. S. Padmapriya, 2. Dr. K. Krishnakumari 3.Dr. J. Sudha, 4.Dr. R. Sudha 5. Mr. A. Vivekanandhan 6. A. Subiksha 7. S. Monika, 8. G. Sumitbalan 9.S.Pravin, 10.R. Ramya	13.05.25	06.06.25	Awaiting
17.	<i>Wireless writing system based on IoT</i>	202541045903	1. Dr.S.Padmapriya, 2. Dr. R. Sudha , 3. Mr. A.Vivekanandhan, 4. Mrs. S. Ramapriya 5.Mrs. S. Silambarasi , 6. Mrs. T. Keerthana 7. V.Vimal Dharshan, 8. J. Pradeepsakthi 9. J. Rajeswari, 10. V. Nithish	13.05.25	06.06.25	Awaiting
18.	<i>Smart trolley with automated moving and billing system</i>	202541045845	1. Dr. R. Kanimozhi, 2.Dr. V. Padmavathi 3. K. Manikandan, 4. V. Sahana 5. B. Azrina , 6. M. Firas 7. M. Harini, 8. S. Praveenkumar	13.05.25	06.06.25	Awaiting

			9. N. Syed Adil, 10. K. Santhosh			
19.	<i>Rapid rescue ring : A personal safety device for woman</i>	202541045842	1.Dr.V.Padmavathi 2.Dr.R.Kanimozhi 3.Mrs.S.Gayathri 4.P.Thirumagal 5.E.Sujitha 6.S.Abinaya 7.B.Santhiya 8.R.Reshma 9.S.Aarthi 10.R.Divyadharshini 11.R.Juwairiya Farhana	13.05.25	06.06.25	Awaiting
20.	<i>AI driven Food spoilage detection using Arduino</i>	202541047284	1. Mrs D.Mahalakilimi , 2. Mrs.V.:Ezhilarasi 3. Ms. R. Umaira Parveen, 4. Ms.S.Vinithashri 5. Ms.J.J.Venishka, 6. Ms.S.Varshini 7. Ms.S.Srinidhi	16.05.25	13.06.25	Awaiting
21.	<i>Détection and Avoidance system for animal train collision.</i>	202541045843	1. Dr. B. S. Sathishkumar, 2. Dr. S.K. Rajalakshmi 3. S. Aishwarya , 4. M. Kalaimathi 5. R. Madhan, 6. S.Subha, 7. S.Vishnuprakash 8. J. Mohammed Hisam	13.05.25	06.06.25	Awaiting

22.	<i>Safelink - development of women safety smart watch.</i>	202541045953	1. Dr. S.K. Rajalakshmi , 2. Dr. B.S. Sathishkumar 3. S.Abirami , 4. R.DevaPrasath 5. M.A.Gokulakrishnan , 6. K.Kamalika 7. M.Karpagasri, 8. V. Manikandan 9. M. Mohamed Imran, 10. D.Nithish	13.05.25	06.06.25	Awaiting
23.	<i>Automated monitoring and detection system for illegal licence plate in vehicles</i>	202541045895	1. S. Aishwarya 2. Dr.C.jayasri 3. Mrs. R.Ramya	13.05.25	06.06.25	Awaiting
24.	<i>Automatic ticketing with passengers monitoring system for conductorless buses</i>	202541045969	1.Dr.A.Ravi, 2.Mr.G.Ashokkumar 3.Dr.A.Ragavendiran 4.Mr.S.Suriyaprakash 5.R.Hareeshwar 6.R.Premkumar 7.M.Jegan 8.M.Yogeshwaran 9.S.Sakthiganesh	13.05.25	06.06.25	Awaiting
25.	<i>Wind flora</i>	202541045822	1.Dr.A.Ravi, 2.Dr.SA.Chithra devi 3.Dr.I.mahendravarman, 4. R.S.Kowsik 5. N.Deeban, 6. M.Mohammed Suhaib 7. D.Ragavendiran 8.G.Dhanaraj	13.05.25	06.06.25	Awaiting

26.	<i>Intelligent regenerative charging system for electric vehicles</i>	202541045932	1.Dr.N.Dhanasekar, 2.Dr.M.Latha 3.Dr.A.Ravi, 4.Dinaharan 5.Sakthipriya, 6.Padmapriya	13.05.25	06.06.25	Awaiting
27.	<i>IoT-Enabled Automotive Carbon Footprint Indicator for End-User and Government Oversight</i>	202541045911	1.Mr.M.Alex, 2. M.Ranjithkumar 3. P.Silambarasan 4. K.Saran 5. R.Ashvita 6. K.Sriramsundar, 7. B.Parasuraman 8.R.Deepika 9.K.Monish 10.S.Ayyappan 11.M.Mithun Hariharan	13.05.25	06.06.25	Awaiting
28.	<i>Self powered kinetic lids for energy harvesting in dustbin.</i>	202541045839	1. Dr.S.Vadivazhagi , 2. Dr.Ka.Suriyaprabha 3. K. Madhavan, 4. T. Abinaya 5. M. Noorul Marwa 6. S. Selvamuthukumarasamy	13.05.25	06.06.25	Awaiting
29.	<i>Smart mechanized water drippy grinder</i>	202541045917	1.Dr.R.Renukadevi 2.Dr.G.Sridevi 3.Dr.K.Keerthi 4.Dr.J.Swaminathan 5.Dr.M.S.Gayathri 6.Mr.S.Rubandoss	13.05.25	06.06.25	Awaiting

			7.A.Abinaya 8.M.Amoka 9.K.Balaji 10.G.Gowtham 11.S.Jeevashree 12.S.Mahalakshmi 13.M.Thiruvengadajalapathi			
30.	<i>A smart inhaler for elder and blinded people</i>	202541045987	1.Dr. T. Venkatesan, 2. Dr. A. Suganthi 3. S. Bala , 4. C. Bhiruntha 5. V. Catherin, 6. S. Hariharan 7. C. Harini, 8. P. Pragadeeswari 9. R.Ragavi, 10.V.Shanmugavalli 11.K.Sivasri, 12.J. Subadevan 13.P. Subastri	13.05.25	06.06.25	Awaiting
31.	Underage bike driving prevention using fingerprint	202541046805	1.Mr. S. Sivakumar, 2.Ms. M. Elamathi,3. M. Akash, 4. B. Akshaya ,5. J. Manibharathi 6. M. Mathavan 7. H. Mohamed Fahim Arshath , 8. V. Rohith ,9. D. Vaithees 10.K. Vasanthapriya , 11.K. Vickram	15.05.25	13.06.25	Awaiting
32.	Smart IV Drip Monitoring & Control System with Integrated Backflow Prevention and Air Bubble Detection	202541045820	1. Dr. S. Selvamuthukumaran 2. Mr. N. Srinivasan 3. S. Selvameena 4. V. Parvathi 5. B. Mahasakthi 6. A. Fameeha Zeenath 7. R. Suvetha	13.05.25	06.06.25	Awaiting

B. Patent filed through other Institutions

S.No.	Title of the Invention	Patent filing ID	Inventors	Filed Date	Published Date
1.	Imaging and Sensing Technologies using deep learning for biomedical applications	202141040284	Dr.A.Ragavendiran	06.09.21	24.09.21
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
3.	Electronic Virtual Assistant in Banks using AI	202241040210A	Dr.R.Kanimozhi	13.07.22	22.07.22
	Customized and Dynamic Learning Programs using ML and AI	202241040787	Dr.J.Sudha	16.07.22	22.07.22