

**Velammal College of Engineering and Technology, Madurai – 625 009**  
**(Autonomous)**  
**Patents Details**  
**Department of Civil Engineering**  
**Academic Year 2024-2025**

<b>S. No</b>	<b>Categories (Design/Utility)</b>	<b>Title of the Invention</b>	<b>Application Number</b>	<b>Filling Date</b>	<b>Date of Publication</b>	<b>Status</b>
1.	Design Dr R.Ganesan India	Automatic Municipal Water Dispensing System By using IOT	202541027034	24/03/2025	11/04/2025	Granted
2.	Design Dr M.Pandieswari UK	Smart device for Real-time Structural Integrity Analysis in Highrise buildings	6396779	10/10/2024	0/11/2024	Granted
3.	Design Mr.C. Rajendra Prasath Mr.R. Mafaz Ahamed India	Ultrasonic Concrete Mixer	431657-001	25/09/2024	09/12/2024	Granted

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1.	Design Dr.L.Andal, Dr A.V.Deepan Chakravarthi Dr J.P.Annie Sweetlin Jebarani Dr.J.Vinotha Jenifer Mr.M.Sathish Kumar.Mr.M.Deepak India	Solarized opposingly foldable wall awing	379556-001	17/02/2023	19/01/2024	Granted
2.	Design Dr J.P.Annie Sweetlin Jebarani India	Developing climate adoptive concrete high rise buildings in gated communities by Optimizing	202441023704 A	26/03/2024	12/04/2024	Published

		thermal properties, structural integrity and architectural flexibility.				
3.	Design Dr A.V.Deepan Chakravarthi India	Artificial Intelligence Based System For Prediction of Plant Growth And Yield In Greenhouse Environment	202441016135 A	07/03/2024	05/04/2024	Published

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1.	Design Dr.R.yuvaraja India	Solar Water Distillation System	357115-001	21/01/2022	25/01/2023	Granted
	Design Ms.S.Venkada Priya India	Touch controlled concrete hardness testing device	382496-001	29/03/2023	19/06/2023	Granted
	Mr. S.Sasikumar Design UK	Di-hexapole Lightning Arrester for High-raised Constructions	6270281	23 March 2023	27 March 2023	Granted

**Academic Year 2021-2022 - NIL**

**Academic Year 2020-2021 - NIL**