

DEPARTMENT OF CIVIL ENGINEERING

PATENT PUBLISHED

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S.No	Inventor's	Patent Title	Patent Appl. No.	Filed Date	Published Date
1.	Dr. N. Thangam	Sustainable Hydrogen Generation From Leachate Using Linseed Enhanced Tio2 Photocatalysis	202541052396	30/5/2025	27/06/2025
2.	Mr. B. Magesh	On –The-Go Technology for electric vehicles to maintain batter reserve	202541009398	05/02/2025	14/02/2025
3.	Mr. B. Magesh	SMART Swimming safety footwear with Integrated Lidar based depth monitoring and IOT alert	202541037184	17/04/2025	02/05/2025
4.	Ms. E.Ezhilarasi Ms. C. Lavanya	Development of self healing concrete utilizing bacillus bacteria with density of 39degree Celsius/MI	202541040031	05/04/2025	23/05/2025
5.	Mr.B.Magesh	Integrated Domestic in house waste treatment and water recycling system for sustainable living	202441074600	03/10/2024	11/10/2024
6.	Dr. P. Sampath	Integrating 4 D Printing, Machine Learning and IOT for Eco-friendly Smart Building Construction	202421080566	23/10/2024	22/11/2024

7.	Dr.N.Thangam	BiFeO ₃ Nanoparticles for Water Purification Through Visible light driven Photocatalysis using Wet Chemical Synthesis approach	202441091942	26/11/2024	29/11/2024
8.	Mr. K. Santhosh Kumaar Mr. G. Nagasubramanian Mr. D. Manoj Kumar Ms. E. Ezhilarasi Mr. S. Raju	Development of Fire-free bio brick with water hyacinth and industrial waste	2024411056	19/12/2024	27/12/2024
9.	Mr. K. Santhosh Kumaar	Integrated system for cyclone detection, prediction and tracking using AI driven ensemble models satellite data and coupled ocean atmosphere simulations	202541007618	29/01/2025	07/02/2025