

**Velammal College of Engineering and Technology, Madurai – 625 009**

**(Autonomous)**

**Patents Details**

**Department of Mechanical 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	Steer Active Mechanism	202441086610 A	11/11/2024	22/11/2024	Stage 1
2.	Design	Soft Robotics For Disaster Management: Vine Robot For Bore well Rescue	202441084912 A	06/11/2024	15/11/2024	Stage 1
3.	Design	Design And Fabrication of Ragi Thresher with Cylindrical Spikes	202441072683 A	26/09/2024	04/10/2024	Stage 1
4.	Design	Design and Fabrication of Peanut Deshelling Machine	202441074931 A	04/10/2024	11/10/2024	Stage 1
5.	Design	Toilet Cleaner	435097-001		21/10/2024	Published

**Academic Year 2023-2024**

<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	Robot Exoskeleton Structure	410593-001		15/03/2024	Published

**Academic Year 2021-2022**

<b>S.</b>	<b>Categories</b>	<b>Title of the</b>	<b>Application</b>	<b>Filling</b>	<b>Date of</b>	<b>Status</b>
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<b>No</b>	<b>(Design/Utility)</b>	<b>Invention</b>	<b>Number</b>	<b>Date</b>	<b>Publication</b>	
1.	Design	Intelligent Handheld Friction Assisted Multi-Purpose Device	202141039127 A	30/08/2021	10/09/2021	Stage 1
2.	Design	High Mechanical Strength And Excellent High-Temperature Composite Material For Manufacturing Process	202221010456 A	27/02/2022	18/03/2022	Stage 1

**Academic Year 2020-2021**

<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	Ankle Rehabilitation Device	202141012293 A	09/03/2021	23/04/2021	Stage 1

**HoD/MECH**