

**Gokaraju Rangaraju Institute of Engineering and Technology  
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**Department of Humanities & Sciences**

**Patent details (2020-24)**

<b>S.No</b>	<b>Name of the Inventors</b>	<b>Title of the Patent</b>	<b>Application number</b>	<b>Published (Yes/No)</b>	<b>Date &amp; Year of the Patent published</b>
1	Dr. J. Saranya et al.,	IOT based intelligent solar water heater	202041030263	Yes	07-08-2020
2	Dr. J. Saranya et al.,	A charged device for cleaning dust	202011053273	Yes	11-12-2020
3	Dr. V.Lakshmi Prasanna et al.,	IOT Based Autonomous post pandemic health care monitoring system	202131006190	Yes	12-03-2021
4	Dr. J. Saranya et al.,	Antimicrobial Nanoparticles to prevent food spoilage in refrigeration	202141039215 A	Yes	10-09-2021
5	Dr. J. Kishore Babu et al.,	Nanomaterial based thermal indicator	202211010905 A	Yes	03-11-2022
6	Bh. Saroja Rani, et al.,	A composition of pain relief balm and method of production thereof	202241064283	Yes	18-11-2022
7	Dr. V.N.RamaDevi, et al.,	System and Method for enabling Internet of Things-based Viscosity alert system	202341000354 A	Yes	20-01-2023
8	Dr. G. Swapna et al.,	Mathematical Modelling and Design Optimization of Fluid Cascade Circulation with a Turbulence Model	202341054145 A	Yes	01-09-2023
9	Dr. M Sridhar	Investigating Semiconductor Piezotronics and Pyroelectricity in ZnO Nanowires	202341003688 A	Yes	17-02-2023
10	Dr. M Sridhar	Ferroelectric Bridge Junction Device with Computational Modelling and Synaptic Features	202341002313 A	Yes	20-01-2023

11	Dr.G.PATRICK	Ferroelectric Bridge Junction Device with Computational Modelling and Synaptic Features	202341002313 A	Yes	20-01-2023
12	Dr.V.N. Ramadevi	Finite m/ek/c queue with two-class arrivals, state dependent service, multiserversand customers impatience	202341078021A	Yes	16-11-2023
13	Dr.V.N. Ramadevi	System and method for enabling internet of things-based viscosity alert system	202341000354 A	Yes	20-01-2023
14	Dr. K. Vagdevi	Self-healing solid-state electrolytes for safer and more efficient lithium-ionbattery technology	202441005502	Yes	02-09-2024