



# SRI RAMAKRISHNA INSTITUTE OF TECHNOLOGY

[Educational Service : SNR Sons Charitable Trust]

[Autonomous Institution, Reaccredited by NAAC with 'A' Grade, ISO 21001:2018 Certified]

[Approved by AICTE New Delhi, Permanently Affiliated to Anna University, Chennai]

Coimbatore - 641 010.



## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

### Patent Details – Design Patents GRANTED

AY: 2024-25

S.No.	Inventors	Design No.	Title of the Design	Class	Date	Status
1.	<b>Dr. Sangeetha Shanmugam</b> <b>D Poornima</b> R Immanuel Kirthika.K.M N. Sanjana Dhanush Karthik.J	430581-001	Washroom Cleaning Robot	07-05	15/09/2024	<b>Granted</b> (Serial No: 185016)
2.	<b>Dr.B.Gunapriya</b> <b>Dr.Sangeetha Shanmugam</b> <b>Poornima Dhandapani</b> R. Immanuel N. Sanjana Ajay Vardhanan.J.V	446999-001	Camera-Integrated Mudguard	12-16	05/02/2025	<b>Granted</b> (Serial No: 222662)

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### Patent Details – Design Patents GRANTED

AY: 2023-24

S.No.	Inventors	Design No.	Title of the Design	Class	Date	Status
1.	Dr. R. Mohandas Dr. R. Saravanan Dr. S. Vasanthi Dr. M. Ayyakrishnan <b>Dr. G. Kannayeram</b>	394332-001	Smart LED Printer	14-02	01/09/2023	<b>Granted</b> (Serial No: 147181)
2.	Dr. Paulraj M Dr. Hema C R Dr. Gayathri Devi S Mr. Roger Rozario A P Dr. S. Mary Praveena Ms. Dhaniya R D Mr. Kishanth K Mr. Santhosh Kumar P	394438-001	Smart Farming Device to Analyse Soil and Air Quality	10-05	04/09/2023	<b>Granted</b> (Serial No: 147247)
		6326187	Smart Farming Device to Analyse Soil and Air Quality		15/11/2023	<b>UK Design Patent Granted</b>
3.	Dr. M. Paulraj V. R. Meenachi <b>Dr. C. R. Hema</b> R. Immanual	399214-001	Bongos with Mobile Stand	17-04	04/11/2023	<b>Granted</b> (Serial No: 152135)



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AY:2022-23

S.No.	Inventors	Design No.	Title of the Design	Class	Date	Status
1.	Dr. C. R. Hema R Immanual V.K. Sakthi Prashanth R.Bhuvaneshwaran U.Devaruban A.Akilan R.Nakul Dr.M.Paulraj	382812-001	Bottle	09-01	03/04/2023	<b>Granted</b> (Serial No. 157807)



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## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

### Patent Details – Utility Patents PUBLISHED

AY:2025-26

S.No.	Inventors	Application No.	Title of the Design	Date	Status
1.	Dr. Anne Susan Georgena Dr. Mary Praveena S Dr. Benjamin Franklin S <b>Dr. Kannayeram G</b> <b>Dr. Udaiyakumar S</b> Abarna Muthusamy Mugesh Ramar Kishor Ganesan Bhagavathi Alagarsamy Gnanavel Venkatesan Charan Raj Rathinam Kanagaraj	202541072731	Passive Thermal Management System Using Optimised Microchannel Architecture And Capillary-Driven Flu	31/07/2025	<b>Published</b>



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## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

### Patent Details – Utility Patents PUBLISHED

**AY:2023-24**

S.No.	Inventors	Application No.	Title of the Design	Date	Status
1.	Ms.U.Sindhu Vardhini Dr.R.Manju <b>Mr.E.Ramkumar</b>	202341038829	Assessing the Compressive Strength of Concrete Using Sensors In Concrete and also to Monitor The Concrete Curing	06/06/2023	<b>Published</b>
2.	Dr.Shanmugam Sangeetha Ms.Dhandapani Poornima Mr.Suresh Nithieswaran Mr.S.Naveen Kumar Mr.Ravichandran Sridhar	202241022519	Smart Washroom Management System	20/10/2023	<b>Published</b>



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### Patent Details – Utility Patents PUBLISHED

**AY: 2022-23**

S.No.	Inventors	Application No.	Title of the Design	Date	Status
1.	Uma Yadav Dr G. Nageswara Rao <b>Anandhakumar Chenniappan</b> Rajasekaran E T. Hussain Dr. Pasupuleti Subrahmanya Ranjit Shiwangi Saini Dr Vijay Kumar Salvia Mohd Asif Shah Saurabh Sharma Dr.A. Sasikumar	202211075958	Analysis Of The Efficacy Of Electric And Hybrid Electric Vehicles Through The Techniques Of Artificial Intelligence	13/01/2023	<b>Published</b>

**HoD/EEE**