



# NEHRU ARTS AND SCIENCE COLLEGE

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Nehru Gardens, Thirumalayampalayam, Coimbatore - 641 105, Tamil Nadu.



## Patent Details

June 2024 to Feb 2025

### Patent (Design) Granted

S.No	Title of the Invention	Application No	Inventors
1.	IOT Based Heart Health Monitoring And Early Disease Detection Device	418259-001	Dr. N Saranya
2.	Portable - Biogas Plant Irrigation System For Home	413599-001	Dr. A.Sherin
3.	IoT based Automatic Robotic Waste Bin	436329-001	Dr. K. Prathapchandran

### Patent Published

#### Details

S.No	Title of the Invention	Application No	Inventors	Date of Publication
1.	Entrepreneurship Training and Factors That Affect The Interest in Entrepreneurship	202421066108 A	Divya Jose. J	04/10/2024
2.	5g-Smart Diabetes: Toward Personalized Diabetes Diagnosis with Healthcare Big Data Clouds	202441070722 A	Dr. Dinesh Kumar Subbaraj	04/10/2024
3.	HRM And Employee Retention Strategies in Small And Medium Enterprises (SMES)	202421066627 A	Dr. S. Naganandini	11/10/2024
4.	Examining the Challenges and Opportunities of Integrating Chatbots into Educational Settings	202421068112 A	Divya Jose. J	18/10/2024
5.	Waste management utilizing big data for efficient recycling programs	202441076017 A	Dr K Mythili Gnanapriya	18/10/2024
6.	Waste management	202441076017 A	Ms. S. Kawsalya	18/10/2024



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	utilizing big data for efficient recycling programs			
7.	Solar Power Generation Forecasting System Using Random Forest Regression	202441076069 A	Jijitha B	18/10/2024
8.	Role of Supply Chain Management in Emerging Indian Markets	202441077095 A	Ms. Kavitha K	25/10/2024
9.	Role of Supply Chain Management in Emerging Indian Markets	202441077095 A	Ms. Arthi K	25/10/2024
10.	Detection of Crime Scene Objects For Evidence Analysis Using Deep Learning Techniques	202441078753 A	Mr. Dexin Joyan	25/10/2024
11.	Deep-Learning Based Cyber-Attack Detection Framework for Iot Networks	202441081303 A	Boopathi P	01/11/2024
12.	Smart Glass for The Visually Impaired with Multilingual Voice Assistant	202541009619 A	Dr. T.Ramaprabha	: 21/02/2025
13.	Smart Glass for The Visually Impaired with Multilingual Voice Assistant	202541009619 A	Mr. Asfar S	21/02/2025
14.	Smart Glass for The Visually Impaired with Multilingual Voice Assistant	202541009619 A	Ms.Arockia Panimalar S	21/02/2025
15.	Fake Profile Detection Using Machine Learning	202541009234 A	Dr. M. Sheela Newsheeba	14/02/2025
16.	Fake Profile Detection Using Machine Learning	202541009234 A	Jijitha.B	14/02/2025
17.	Surface Defect Identification And Quality Control System Using Convolutional Neural Networks	202441100845 A	Sathya P	03/01/2025
18.	Method And Composition For	202441041897 A	Dr. Shanmugam Venkatachalam	07/06/2024



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	Producing Freeze-Dried Yogurt Powder From Millet-Based Protein			
19.	Blockchain Technology For Secure And Trustworthy Decentralized Applications	.202441042747 A	Dr.R.Mahadevi	07/06/2024
20.	Blockchain Technology For Secure And Trustworthy Decentralized Applications	.202441042747 A	S Shanthi	07/06/2024
21.	A Next-Gen Home Security Solution With Facial Recognition	202441046960 A	Dr. N. Kavitha Dr. K. Mythili Gnanapriya Dr. K. Selvavinayaki Dr. J. Maria Shyl Dr. N. Saranya Dr. A. Kalaivani Dr. B. Narasimhan Ms. D. J. Anitha Merlin Mr. M. Senthilkumar Ms. R. Anitha Mr. M. Vijayakumar	21/06/2024
22.	Cyber Risk Management In The Indian Banking Industry	202441055896 A	Shanker Prabu. M	02/08/2024
23.	Machine Learning Algorithms For Iot Services In Big Data And Cloud Computing	202441055976 A	Jayakeerthi. M	02/08/2024
24.	Ways And Indicators Of Ensuring The Quality Of The Educational Process In Educational	.202441040817 A	Dr. V. Selvam	09/08/2024
25.	Brain Stroke Prediction Using Machine Learning	202441060116 A	Mrs Lakshmi. K	16/08/2024
26.	Personality Traits, Risk-Taking Behaviors And Self-Regulation In Young Adults	202441061956 A	Thilagavathi G	23/08/2024



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27.	Skin Cancer Detection Using Multi-Model Neural Network	202441061986 A	Dr. N. Anjutha prabha	23/08/2024
28.	The Influence Of Digitalization On Internal Shifts In The Traditional Employment Structure	202441062853 A	Dr. M K Sreevidhya	:23/08/2024