



**EASWARI ENGINEERING COLLEGE**  
(An Autonomous Institution)  
Bharathi Salai, Ramapuram, Chennai – 600 089  
DEPARTMENT OF INFORMATION TECHNOLOGY



**Patent List Filed/ Published /Granted**

S.No	Name of the Faculty	Title of the Patent	Year of Patent filled	Date of Patent granted/ published	Patent ID	Status filed / Published/ granted
1	Dr. S. Praveena Rachel Kamala	Navigating The Future: A Cognitive Framework For AI, Digital Transformation, And Cybersecurity In Banking	14.02.2024	08.03.2024	202441010175	Published
2	Mrs.Sivasakthi P	Moving image detection and Recognition system using Digital Image Processing for IoT Environments	15.02.24	08.03.2024	202441010492	Published
3	Dr.M.Mohana, Mr.K.Kumaran, Mrs.P.M.Lavanya	Automatic Face Mask Vending Machine Embedded with QR code for cashless money transfer	28/01/2023	05.01.2024	378182-001	Published

4	Mrs. M.Anita, Mr.K.Sundar	IOT Driven Deep Learning For Compressed Sensing Image Reconstruction For Medical Applications	16.10.2023	24.11.2023	202341070276	Published
5	Dr. S. Praveena Rachel Kamala	Design System of IoT driven for Defining a Pattern of Drivers Mobile Phone Usage while Driving	20.04.2023	05.05.2023	202341028879	Published
6	Dr.M.Hema	An artificially intelligent method and system for parking and scheduling in smart cities	07.09.23			Filed
7	Mr.K.Kumaran	IOT & AI For Smart Automation In Industry 4.0 Using Sensors	9.11.23	22.12.2023	202341076516	Published
8	Dr.k.Johny Elma, Dr. S. Praveena Rachael Kamala, Mrs.T. Saraswathi, Mrs.S. Anusha	IoT enabled respiratory sensor	23/11/2022	10/01/2023	374540-001	Published
9	Dr.N.Ananthi, Mrs.M.Sowmiya, Mrs.P.Deepika, Mr.K.Ravindran	Design: Robotics device for teaching map	23/11/2022	20/01/2023	374541-001	Published

10	Dr. S. Praveena Rachel Kamala	Big Data And Machine Learning Based Approach For Wireless network Optimization	3/12/2022	09/12/2022	202241069834	Published
11	Dr.S. Praveena Rachel Kamala	Water Management & Leakage Detection Problems Solutions Using IOT	7/12/2022	30/12/2022	202241070565	Published
12	Mrs.M.Hema, Dr.K.Valarmathi	Smart Production system for e-industries using AI	22/11/2022	23/12/2022	202241067071	Published
13	Dr.K. Johnny elma, Mr.K.Ravindran, Mrs.P.Deepika, Ms.P.M.Lavanya, Mr.K.Kumaran, Dr.N.Ananthi	System & Method using Machine Learning Algorithm for Vital Sign Data Analysis.	22/1/2022	4/2/2022	202241003741	Published
14	Mrs. Saraswathi.T	Recommendations and organization system of breast-cancer detection using machine learning technique	10/1/2022	4/2/2022	202241001296	Published
15	Mrs.S.Gnanapriya	Energy Aware adaptive sampling algorithm for enrgy harvesting at higher altitudes through machine learning techniques	18/1/2022	28/1/2022	202241002765	Published

16	Dr.M. Mohana, Mrs.K.Kausalya, Mrs. B.Chandra, Mrs. B.Sandhiya	Artificial Intelligent Based Snail Tracking And Capturing Agriculture Machine	12/3/2022	17/6/2022	360523-001	Grant
17	Dr.N.Ananthi, Dr.M.Mohana, Mrs.K.Kausalya, Mrs.B.Chandra, Mrs.B.Sandhiya, Mrs.M.Sowmiya	IOT And Wireless Sensor Network Based Smart Contactless Doorbell For Home Protections	27/11/2021	10/12/2021	202141054977	Published
18	Mrs.Reenaroy	Reactor Monitoring System Using Wireless Embedded Sensor For Human Safety	1/2/2021	12/2/2021	202141004393	Published
19	Dr.N.Ananthi, Dr.M.Mohana, Dr.V.Balaji, Mr.S S L Durai Arumugam	A system and method for scheming water sustainability index of water bodies through satellite imagery	18/7/2020	18/4/2022	394859/ 202041030656	Grant
20	Dr.N.Ananthi	IoT based Teeth gap Measurement Device	24/8/2020	25/9/2020	202011036454	Published
21	Mrs.S.Gnanapriya	Design for automatic sanitizer spray machine for currency	20/6/2020	3/7/2020	202041026034	Published

22	Mrs.S.Gnanapriya	A novel approach for maintenance and prediction of health of persons using machine learning	1/6/2020	12/6/2020	202041022955	Published
23	Ms.K.Valarmathi Ms.M.Hema	An Apparatus of Cloud Computing Expedient Management System	20/11/2019	6/12/2019	201941044051	Published



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