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**St. JOSEPH'S COLLEGE OF ENGINEERING**  
 (An Autonomous Institution)  
**St. Joseph's Group of Institutions**

OMR, Chennai - 119



S.NO	ACADEMIC YEAR	FACULTY NAME	PATENTS PUBLISHED	PARTICULARS
1	2021-2022	Dr.S.Vinayagapriya	Patents Published	An Iot Based Cattle Health Monitoring System
2		Mr.K.Venkatesan	Patents Published	An Iot Based Cattle Health Monitoring System
3		Mrs.R.Madhumitha	Patents Published	An Iot Based Cattle Health Monitoring System
4		Mrs.P.Elaveni	Patents Published	An Iot Based Cattle Health Monitoring System
5		Dr.B.Victoria Jancee	Patents Published	An Iot Based Rain Water Quality Monitoring System
6		Dr.S.Aghalya	Patents Published	An Iot Based Rain Water Quality Monitoring System
7		Dr.P.Latha	Patents Published	An Iot Based Rain Water Quality Monitoring System
8		Mrs. P.Thenmozhi	Patents Published	An Iot Based Rain Water Quality Monitoring System
				An Advanced Novel Mechanized Borewell Rescue System
9		Dr.A.M.Balamurugan	Patents Published	Intelligent Smart Poly House Roof Top Irrigation Robot
10		Mrs G.Anitha	Patents Published	Intelligent Smart Poly House Roof Top Irrigation Robot
11		Mrs S.Devipriya	Patents Published	Intelligent Smart Poly House Roof Top Irrigation Robot
12		Mrs K.Jasmine Mystica	Patents Published	Intelligent Smart Poly House Roof Top Irrigation Robot
13	Dr.D.Lakshmi	Patents Published	Brain Controlled Automated Wheel Chair For The Patients With Continuous Reading Of Brain Waves With The Help Of Brain To	



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				<i>Computer Interface Technology</i>
14		<i>Dr.I.Johnsi Stella</i>	<i>Patents Published</i>	<i>Brain Controlled Automated Wheel Chair For The Patients With Continuous Reading Of Brain Waves With The Help Of Brain To Computer Interface Technology</i>
15		<i>Dr.Shirley Selvan</i>	<i>Patents Published</i>	<i>Brain Controlled Automated Wheel Chair For The Patients With Continuous Reading Of Brain Waves With The Help Of Brain To Computer Interface Technology</i>
16		<i>Mrs.E.Malarvizhi</i>	<i>Patents Published</i>	<i>Brain Controlled Automated Wheel Chair For The Patients With Continuous Reading Of Brain Waves With The Help Of Brain To Computer Interface Technology</i>
17		<i>Mrs. Martin Leo Manickam J</i>	<i>Patents Published</i>	<i>An Advanced Novel Mechanized Borewell Rescue System</i>
18		<i>Dr. Avudaiammal R</i>	<i>Patents Published</i>	<i>An Advanced Novel Mechanized Borewell Rescue System</i>
19		<i>Mrs.M.Angelin Ponrani</i>	<i>Patents Published</i>	<i>A Novel Method For Aircraft Pitch Control</i>
20		<i>Mr. Lingeshwaran M</i>	<i>Patents Published</i>	<i>Design Of Novel Fractal Inspired Loop Elements Based 2.5-D Miniaturized Frequency Selective Surface</i>
21		<i>Dr.S. Rajeshkannan</i>	<i>Patents Published</i>	<i>An External Display Module For Delivery Personnel To Tackle Climatic Barriers With Bike Crash Detection System</i>



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S.NO	ACADEMIC YEAR	FACULTY NAME	PATENTS PUBLISHED	PARTICULARS
1	2022-2023	Dr.G.Sivagurunathan	Patents Published	Iot Based Sound Pollution Monitoring System
2		Dr.P. Ezhilarasi	Patents Published	Smart Mobile Phone Deposit Machine Using Iot& Artificial Intelligence
				Cost-Effective Multi-Purpose Ai Based Drone Using Smartphone
				An Integrated Circuit Cards With Embedded Technology
				A Servo Amplifier Control Device
3		Dr A.M.Balamurugan	Patents Published	Smart Mobile Phone Deposit Machine Using Iot& Artificial Intelligence
				An Integrated Circuit Cards With Embedded Technolog
4		Dr.S.Rajeshkannan	Patents Published	Smart Mobile Phone Deposit Machine Using Iot& Artificial Intelligence
				Cost-Effective Multi-Purpose Ai Based Drone
				An Automation Device For Cooling Towers
5		Dr.B.Vasudevan	Patents Published	Smart Mobile Phone Deposit Machine Using Iot& Artificial Intelligence
				Smart Watch For Construction Workers In Rural Areas
6		Dr R Niruban	Patents Published	Design And Implementation Of Smart Black Box System Using Iot
7				Mrs M.Angelin Ponrani



				<i>Predict The Impact Of Breast Cancer Using The Algorithms Of Wsn And Image Processing Techniques</i>
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<b>S.NO</b>	<b>ACADEMIC YEAR</b>	<b>FACULTY NAME</b>	<b>PATENTS PUBLISHED</b>	<b>PARTICULARS</b>
1	2023-2024	Dr. R. Niruban	Patents Published	<i>Ai Chatbots In Healthcare Automating Information Gathering For Improved Decision Making</i>
2		Dr.G.Sivagurunathan	Patents Published	<i>Automatic Prediction Of Corona Virus Using Xray And Ct Scan</i>
3		Dr.Shirley Selvan	Patents Published	<i>Intelligent Safety System For Industry Machine Based On Embedded</i>
4		Dr. S. Aghalya	Patents Published	<i>A Smart Portable Safety Gas Monitoring System For Drainage Based On Iot</i>
5		Dr. P. Latha	Patents Published	<i>Iot Enabled Device For Automatic Human Body Mass Index (Bmi) Measurement Using For Hospital</i>
6		Dr. S. Vinayagapriya	Patents Published	<i>Fpga Based Smart Assist Virtual Do Ctors In Medic Apps With Basic M Edical In Formation Abo Ut&amp;N Bsp;Th E&amp;N Bsp; Fai-</i>
7		Mrs. M. Angelin Ponrani	Patents Published	<i>Data Science Techniques In Machine Learning For Improved Lung Cancer Diagnosis And Classification</i>
8		Dr. S. Rajesh Kannan	Patents Published	<i>Deep Learning Techniques To Analyse And Predict The Electric Vehicles Penetration In Automotive Market</i>



				Micro Level Power Management System
				Vehicure
9		Dr. P. Ezhilarasi	Patents Published	Micro Level Power Management System
				Design Thinking Based Deep Learning Models For Early And Accurate Detection Of Hip Cancer
10		Dr. J. Martin Leo Manickam	Patents Published	Physiological Value-Based Implanted Medical Device Security System
11		Dr. B Victoria Jancee	Patents Published	Automated Technology To Ensure The Cleanliness Of Garbage Management And Classification Of Dry And Wet
12		Dr. K Ramachandra Reddy	Patents Published	Identifying The Language Present In Text Or Image Using Visual Features Training Model
13		Dr A.M.Balamurugan	Patents Published	Soil Stabilization Using Sawdust And Stonedust
14		Mrs. P. Thenmozhi	Patents Published	Image Processing Based Intelligent Robotic Car For Agricultural Ploughing Using Block Chain Technology
15		Dr.M. Suresh	Patents Published	Iot-Based Automation For The Purpose Of Monitoring Temperature And Vibration In Processes And Preventing Accidents
16		Mr. G D Vignesh	Patents Published	Ai-Driven Statistical Analysis Of Social Media Data For Enhanced Event Promotion And Audience Interaction
17		Dr.J.Sivakumar	Patents Published	Enhancing Misinformation Detectionwith Ensemble Learning
				Intelligent Image Processing System For Adaptive Traffic Light Control





18		Dr. D.Lakshmi	Patents Published	Automatic Medical Dispenser With Dynamic Telemonitoring In Rural Areas
19		Mrs. S.Devipriya	Patents Published	Advance Techniques For Railway Collision Avoidance Systems
20		Mrs. P. Elaveni	Patents Published	Integration Of Memory-Reliant Learning Techniques For Comprehensive Evaluation And Forecasting Of Air Quality In India
21		Mrs G.Anitha,	Patents Published	An Automated Treatment Recommendation System Based On Patient -Specific Health Data And Ai Algorithms
22		Mrs Jasmine Mystica K	Patents Published	Predictive Analysis Of Stock Market Trends Using Ai And Machine Learning Techniques
23		Dr. Avudaiammal R	Patents Published	Deep Learning-Based Image Segmentation And Classification For Medical Diagnostics In Radiology Imaging
24		Mr. M. Lingeshwaran	Patents Published	Next-Generation Telecommunication Network Infrastructure For Low-Latency Data Transmission
25		Mrs E.Malarvizhi	Patents Published	High Secure Communication Using Fpga Based System For Bank Loker Monitoring System
				Study On Rainfall And Water Quality In Chembarambakkam Area