



**NANDHA ENGINEERING COLLEGE**  
**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**  
**Patents FILED, PUBLISHED and GRANTED by Faculty**

<b>S.No</b>	<b>Academic Year</b>	<b>Dept</b>	<b>Application Number</b>	<b>Name of Inventor (s)</b>	<b>Title of the Patent</b>	<b>Status</b>
1	2023-24	CSE	403158-001	B.Deepa	Machine Learning based Device for Enhancing Computer Network safety	Filed
2	2023-24	CSE	402280-001	S.Geetha	WIRELESS NETWORKING DEVICE FOR CONTROLLING HOME APPLIANCES	Granted in FEB 2024
3	2023-24	CSE	404171-001	E.Padma	Machine Learning based Camera for Healthcare Managaement	Filed
4	2023-24	CSE	202321017111	Dr.S.Karuppusamy	Innovative Cyber Physical System Based on the Internet	Filed
5	2022-23	CSE	Design No: 374693-001 Dated : 27-11-2022	Dr.C.N.Marimuthu Dr.J.Senthil	IoT Based Wearable Medical Monitoring Device	Granted
6	2022-23	CSE	Design No: 374690-001 Dated : 27-11-2022	Dr.C.N.Marimuthu Dr.J.Senthil	AI and IoT Based Smart Walking Stick for Visually Impaired People	Granted
7	2022-23	CSE	202241067185 A	Dr.C.N.Marimuthu Dr.J.Senthil	Noval Technique of Bioflavonoid Isolation from Natural Sources	Published
8	2022-23	CSE	202241059372A	Dr.P.Sukumar	Automatic Patient Repiration and Temparature Monitoring in Tele Health using IoT	Published
9	2022-23	CSE	380926-001	Dr.D.Vanathi	IoT based Sanitation Cabinet for Electronic Devices	Granted
10	2022-23	CSE	2.02321E+11	Dr.P.Sukumar	Using Techniques Like Machine Learning and Artifificial Intelligence To Improve the Power Quality of Solar Powered Microgrids	Published
11	2021-22	CSE	202141033809 A	Dr P Thirumoorthy	IOT Based Smart Digital Food Recommendation For Health Management System	Published
12	2021-22	CSE	202141031534	Dr D Vanathi	Smart Mask Shaped Mouthset Capable Of Enhancing And Synthesizing Speech Even From Lip Movements	Published
13	2021-22	CSE	202141000000	Dr S Karuppusamy Dr S Prabhu	Boosting Framework for semisupervised learning with limited number of labeled examples and multitude of unabled examples	Published
14	2021-22	CSE	358775001	Dr D Vanathi	Design Patent on Biogas Leakage Detecting device	Published