



JEPPIAAR
ENGINEERING COLLEGE

DEPT OF ELECTRONICS COMMUNICATION ENGINEERING
PATENT PUBLICATION DETAILS 2021-2022

Sl. No.	Applicant/s Name	Patent Application No.	Status of Patent (Published / Granted)	Title of the Patent	Patent Filed Date (DD/MM/YYYY)	Patent Published Date / Granted Date (DD/MM/YYYY)	Assignee/s Name (Institute Affiliation/s at time of Application)
1	Mr.S RANJITH, Dr.ANITA TITUS, Mrs.C.ANITHA	202141022	Published	A NOVEL MATERIAL FABRICATION TO DETECT BREAST CANCER USING DEEP NOVEL CLASSIFICATION MECHANISM.	24/5/2021	11/6/2021	Jeppiaar Engineering College
2	Dr.ANITA TITUS Dr.J.JEBASTINE Mr.E.SAKTHIVEL	202141030321 A	Published	EMPIRICAL ANALYSIS OF HYBRID MACHINE LEARNING BASED EARLIER STAGE COVID DISEASE PREDICTION USING LUNG CT IMAGES	07-06-2021	16/07/2021	Jeppiaar Engineering College
3	Dr.J.JEBASTINE, Mr.R.VIVEK KRISHNA	202141048123	Published	PIEZOELECTRIC KINETIC ENERGY HARVESTER FOR MOBILE CHARGING	22-10-2021	8/12/2021	Jeppiaar Engineering College
4	Mr.R.VIVEK KRISHNA, Mr.S.BENJAMIN ARUL	20214105766	Published	A MINING APPROACH FOR WATER PIPE LINE LEAKAGE DETECTION AND LOCALIZATION	08-12-2021	17/12/2021	Jeppiaar Engineering College
5	Mr.S RANJITH	202241001296A	Published	RECOMMENDATION AND ORGANIZATION SYSTEM OF BREAST CANCER DETECTION USING MACHINE LEARNING TECHNIQUES	10.01.2022	4/2/2022	Jeppiaar Engineering College
6	Mr.G.BALACHANDRAN	2241001299 / 202	Published	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING BASED INTELLIGENT SYSTEM TO IMPROVE THE QUALITY OF VIDEO	10.01.2022	4/2/2022	Jeppiaar Engineering College
7	Mrs.V.NANAMMAL	202241006148	Published	VLSI BASED WIRELESS COMMUNICATION SYSTEM USING TURBO DECODER FOR EFFECTIVE INFORMATION TRANSFER	4.02.2022	11/2/2022	Jeppiaar Engineering College
8	Dr.G.C.JAGAN, Dr.T.R.CHENTHIL	202411071439 A	Published	A HYBRID AI AND MACHINE LEARNING APPROACH FOR ACCURATE SKIN CANCER DETECTION AND CLASSIFICATION	4.02.2022	11/2/2022	Jeppiaar Engineering College

9	Mr.G.C.JAGAN, Mr.B. ARUN VIJAYAKUMAR	20224100740	Published	IOT BASED SMART SECURITY BAND FOR WOMEN'S SAFETY	15.02.2022	21.02.2022	Jeppiaar Engineering College
10	Mr.G.BALACHANDRAN, Mr.S RANJITH	2211002463A / 20	Published	IOT.CLOUD BASED STROKE- DISEASE CLASSIFICATION AND PREDICTION USING MACHINE LEARNING ALGORITHMS	01-15-2022	2/4/2022	Jeppiaar Engineering College
11	Mr.G.BALACHANDRAN, Mr.S RANJITH	364971-001	Granted	IOT ENABLED DEVICES FOR MONITORING OXYGEN AND BLOOD PRESSURE IN HUMAN BODY- PATENT	02-15-2022	27/5/2022	Jeppiaar Engineering College