



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
PATENT FILE/PUBLISHED/GRANT RECORD

| SESSION | TITLE OF PATENT | NAME OF AUTHOR | FILED / PUBLISHED / GRANTED | DATE OF FILING / PUBLICATION / | ISSN / ISBN Number |
|---------|---|---|-----------------------------|--------------------------------|---|
| 2023-24 | EARLY DETECTION OF BREAST CANCER: A DEEP LEARNING AND IMAGE PROCESSING APPROACH | Apoorva Dwivedi | PUBLISHED | Mar-23 | Applied (Application no. 202411004017 A) Published |
| | IOT Device for Detecting Diseased Leaves in Plant by Image Processing | Ms. Priya Chauhan, Abhishek Kumar Agrahari | DESIGN ACCEPTED AND GRANTED | Mar-24 | Applied (Application no. 403933-001) Published |
| 2022-23 | Ecosystem of Smart City Using Block chain Technology | Mr. Anurag Upadhyay, Ms. Nandini Tomar | PUBLISHED | Mar-23 | Applied (Application no. 202311014155) Published |
| | Design and Develop a Smart Home using Novel Wireless Communication Technology | Mr. Anurag Upadhya | PUBLISHED | Mar-23 | Applied (Application no. 202311021504) Published |
| | WIRELESS SECURITY SYSTEMS POWERED BY THE INTERNET OF THINGS, AIAND ML | Mr. Praveen Kumar | PUBLISHED | Sep-22 | Applied (Application No. 202211057702) Published |
| | Machine Learning based Approach to Predict the Impact of COVID 19 Pandemic on Financial Management of an Educational Institutions | Mr. Sreenu Banoth | PUBLISHED | Sep-22 | Applied (Applicatio (n No:202221040854 A) Published |
| | A Smart Contrast Enhancement System for Color Images by Optimized Fuzzy Intensification | Mr. Anurag Upadhyay, Mr. Suman Kumar Jha | PUBLISHED | Feb-23 | Applied (Application no. 202311008957) Published |
| 2021-22 | Determination of IOT Security Attacks using Novel Anomaly Detection using Fed-Ensemble Leaning | Nandini Tomar | PUBLISHED | 06-06-2022 | Applied (Application No. 202241032205) Published |
| 2021-22 | IOT based intelligent traffic management system | Ms. Shruti Mehta | PUBLISHED | Dec-21 | Applied (Application No. 202131062286) Published |

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|---------|---|---------------------|-----------------------------|--------------------------------|--|
| 2020-21 | Design of cross-layer routing protocol for multimedia transfer over wireless networks | Dr. Sanjay Pachauri | PUBLISHED | Mar-21 | Applied (Application No. 202111013040) Published |
| | RFID based position identification in a playing arena | Mr.AjayGupta | PUBLISHED | 2021 | Applied (Application No. 202111020437 A) Published |
| | System and method for non-invasive fetal brain monitoring | Mr.Shekhar Tyagi | PUBLISHED | Apr-21 | Applied (Application No. 202111017149A) Published |
| | System and method for AI enabled metal 3D printing | Mr.Shekhar Tyagi | PUBLISHED | Jan-21 | Applied (Application No. 202011054553A) Published |
| 2019-20 | Milk Adulteration System | Dr. Sanjay Pachauri | PUBLISHED | Jul-05 | Applied (Application No. 202041032485) Published |
| | An Automatic water quality monitoring system | Dr. Sanjay Pachauri | PUBLISHED | Jul-05 | Applied (Application No. 202011002131) Published |
| 2018-19 | An Optimized Location Based Routing for VANET | Dr. Indradeep Verma | PUBLISHED | 2019 | Applied (Application No. 201811039014) Published |