

Publications, Patents & Research Contributions

- **Citation Metrics:**
 - h-index: 3
 - i10-index: 1
 - Total Citations: 81
- **Papers Published:**
 - **Conference Publications:**
 - National: 03
 - International: 05
 - **Journal Publications:**
 - Scopus/Web of Science Indexed: 08
 - UGC Care Listed: 02
 - Others: 16
- **Books/Book Chapters Published: 07**
- **Patents (if any): 18**
 - CLINICAL DECISION SUPPORT SYSTEM FOR DIAGNOSIS AND TREATMENT OF COPD USING ENSEMBLE METHODS - Published - 2021
 - ENHANCED CYBERSECURITY SYSTEM FOR DATA COMMUNICATION TO SECURE IOT DEVICES - Published - 2021
 - PREDICTION OF BREAST CANCER BY ARTIFICIAL INTELLIGENCE - Published - 2021
 - IOT-BASED WASHING MACHINE FOR AGRICULTURAL CROPS - Indian Design Granted - 2022
 - FACE MASK AND BODY TEMPERATURE SENSING DEVICE - Indian Design Granted - 2023
 - Smart Device for Monitoring the Activities of Kids Suffering from Autism - UK Design Granted - 2023
 - DRONE FOR FIRE EXTINGUISHER - Indian Design Granted - 2023
 - MACHINE LEARNING BASED CHIP CONTROL OXYGEN CONCENTRATOR WITH FILTER - Indian Design Granted – 2023
 - GLUCOSE MONITORING DEVICE - UK Design Granted - 2024
 - AI-POWERED DEVICE FOR PRECISE AMNIOTIC FLUID MONITOR AND PREGNANCY MANAGEMENT - Published - 2024

- Smart COVID Testing Kit with Digital Display - UK Design Granted - 2024
- UV-C Disinfection Robot for Medical Use - UK Design Granted - 2024
- AI-based Autonomous Ground Robot to Support Firefighters - UK Design Granted - 2024
- DEVICE TO DETERMINE FUNCTIONING OF BLOOD CIRCULATION - Indian Design Granted - 2024
- IOT-BASED WEARABLE MEDICAL HEALTH MONITORING DEVICE - Indian Design Granted - 2024
- DEVICE FOR DETECTION OF DIABETIC NEUROPATHY - Indian Design Granted - 2024
- STRESS DETECTION DEVICE USING MACHINE LEARNING Indian Design Granted - 2024
- Sensor-based Asthma Detection Device - UK Design Granted - 2024