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| **FACULTY PUBLICATION 2020-21** | | | | | | | | |
| **SLNO** | **TITLE** | **Department** | **1ST AUTHOR** | **2ND and 3rd AUTHOR** | **JOURNAL** | **VOL/No** | **YEAR** | **INDEX** |
| 1 | Cloud Computing-Based Framework for Breast Cancer  Diagnosis Using Extreme Learning Machine | CSE | Vivek Lahoura | Harpreet Singh etal | MDPI: Diagnostic | https://  doi.org/10.3390/diagnostics11020241 | 2021 |  |
| 2 | Optimized Time Synchronized Multilayer MAC Protocol for WSN Using Relay Nodes |  | Khurana, Manju | Shivani,shivendra | Old city publishing |  | 2020 |  |
| 3 | Local Statistics-based Speckle Reducing Bilateral Filter for Medical Ultrasound Images | CSE | Karamjeet Singh1 | Sharma, Bhisham |  | https://doi.org/10.1007/s11036-020-01615-2 | 2020 |  |
| 4 | Real‑time cheating immune secret sharing for remote sensing images | CSE | Shivani, Shivendra | Patel, Shubhsh Chndra | Journal of Real-Time Image Processing | https://www.tandfonline.com/loi/ucry20 | 2020 |  |
| 5 | Routing and collision avoidance techniques for unmanned  aerial vehicles: Analysis, optimal solutions, and future  directions |  | Sharma, Bhisham | Mohammad S. Obaidat | Wiley | 10.1002/dac.4628 | 2020 |  |
| 6 | A novel dynamic clustering approach for energy hole  mitigation in Internet of Things-based wireless sensor  network |  | Roopali Dogra1 | Rani, Shalli | Wiley | DOI: 10.1002/dac.4806 |  |  |