



**B. P. PODDAR INSTITUTE OF MANAGEMENT & TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**  
**ACADEMIC YEAR: 2021-2022**  
**LIST OF PUBLICATIONS**

**SCI/E indexed publications:**

1. Chanchal Ghosh, Dipankar Majumdar, **Bikromaditty Mondal**, A Deep learning-based SAR image change detection using Spatial intuitionistic Fuzzy C-means clustering, Transactions in GIS, May 2022, <https://doi.org/10.1111/tgis.12966> (SCI).
2. **Piu Upadhyay** and Sumanta Ray, A Regularized Multi-Task Learning Approach for Cell Type Detection in Single-Cell RNA Sequencing Data, Frontiers in Genetics, April 2022, <https://doi.org/10.3389/fgene.2022.788832> (SCI).
3. **Mandal, P.C.**, Mukherjee, I., High capacity data hiding based on multi-directional pixel value differencing and decreased difference expansion. *Multimedia Tools and Applications*, Springer, 1-23, December 2021, <https://doi.org/10.1007/s11042-021-11605-5> [SCI(E)].
4. **Mandal, P.C.**, Mukherjee, I. and **Chatterji, B.N.**, High Capacity Steganography based on IWT using Eight-way CVD and  $n$ -LSB Ensuring Secure Communication. *Optik*, Elsevier, 247, 1-16, August 2021, <https://doi.org/10.1016/j.ijleo.2021.167804> (SCI).

**Scopus indexed publications:**

5. **Phultuli Sarkhel** and **Jayeeta Chanda**, SecureHome: A Privacy Preserving Health Care Smart Home Systems, 8<sup>th</sup> International Conference on Internet of Things: Systems, Management and Security (IOTSMS 2021), Gandia, Spain, December 6-9, 2021 (Scopus).