



**B. P. PODDAR INSTITUTE OF MANAGEMENT & TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**  
**ACADEMIC YEAR: 2020-2021**  
**LIST OF PUBLICATIONS**

**SCI indexed Journals:**

1. **Pratap Chandra Mandal**, Imon Mukherjee and **Biswa Nath Chatterji** High capacity reversible and secured data hiding in images using interpolation and difference expansion technique, Multimedia Tools and Applications, 1573-7721, Vol. 80, Iss. 3, pp. 3623 - 3644, Jan, 2021. <https://link.springer.com/article/10.1007/s11042-020-09341-3>(SCI)

**Scopus indexed publications:**

2. **Sudip Kundu**, **Suprabhat Maity** and Sriyankar Acharya, Performance of Simulated Annealing Variants to solve Nurse Scheduling Problem Incorporating Preference List and Stable Marriage, GRENZE International Journal of Engineering and Technology (GIJET), 2395-5295(Online); 2395-5287(Print), Vol. 6, Iss. 2, pp. 34-42, 2020. (Scopus)  
<http://thegrenze.com/index.php?display=page&view=journalabstract&absid=714&id=8>
3. **Subhasis Mallick**, Dipankar Majumdar, Soumen Mukherjee, Arup Kumar Bhattacharjee, Hybrid Cuckoo Search Approach for Course Time-Table Generation Problem, International Journal of Applied Metaheuristic Computing (IJAMC), 1947-8283, Vol. 11, Iss. 4, pp. 214-230, 2020, (Scopus). <https://doi.org/10.4018/IJAMC.2020100110>
4. **Suprabhat Maity**, Anirban Dey, Ankan Chowdhury, Abhijit Banerjee, Handwritten Bengali Character Recognition Using Deep Convolution Neural Network, International Conference on Machine Learning, Image Processing, Network Security and Data Sciences MIND 2020, NIT Silchar, Vol. 1241, No. CCIS, pp. 84-92, 30 July 2020. (Scopus)  
[https://doi.org/10.1007/978-981-15-6318-8\\_8](https://doi.org/10.1007/978-981-15-6318-8_8)
5. Amit Khan, Dipankar Majumdar, **Bikromaditty Mondal**, SAR image change detection using Modified Gauss-Log Ratio operator and Convolution Neural Network, International Conference on Research and Applications in Artificial Intelligence (RAAI-2020), RCCIIT, Kolkata, 223-232, 19-20 Dec 2020. (Scopus)  
[http://dx.doi.org/10.1007/978-981-16-1543-6\\_21](http://dx.doi.org/10.1007/978-981-16-1543-6_21)
6. Chanchal Ghosh, Dipankar Majumdar, **Bikromaditty Mondal**, Machine Learning Approach to Sentiment Analysis from Movie Reviews using Word2Vec, International Conference on Research and Applications in Artificial Intelligence (RAAI-2020), RCCIIT, Kolkata, 131-140, 19-20 Dec 2020. (Scopus) [http://dx.doi.org/10.1007/978-981-16-1543-6\\_12](http://dx.doi.org/10.1007/978-981-16-1543-6_12)
7. **Pratap Chandra Mandal**, Index based Improved High Capacity Data Hiding Technique, 9th International Conference on Frontiers, of Intelligent Computing: Theory and Applications (FICTA 2021), NIT Mizoram, 1-8, June 25-26, 21.

**Other Peer reviewed Journals/Conferences:**

8. **Amartya Dutta**, Riya Majumdar, Debasis Dhal, Rajat Kumar Pal, A Novel Droplet Routing Algorithm with Behavioral Performances in Hexagonal Electrode based DMFB, 24th International Symposium on VLSI Design and Test (VDAT-2020), Indian Institute of Technology Bhubaneswar, Bhubaneswar, India, 1-6, July 23-25, 2020.  
<https://doi.org/10.1109/VDAT50263.2020.9190476>
9. Riya Majumdar, **Amartya Dutta**, Debasis Dhal, Rajat Kumar Pal, An Effective Comparative Study among the Different Geometry of Electrodes in Performing the Tasks in Digital Microfluidic Biochip, 3rd International Conference on Computing and Communication Systems,(I3CS 2020), Dept. of IT, NEHU, Shillong, India, 697-707, August 10 - 11, 2020.  
[http://dx.doi.org/10.1007/978-981-33-4084-8\\_67](http://dx.doi.org/10.1007/978-981-33-4084-8_67)
10. **Pratap Chandra Mandal**, Integer Wavelet Transform based Secured, Image Steganography using LSB and Coefficient Value Differencing, IEEE 2nd International Conference on Secure Cyber Computing and Communications (ICSCCC 2021), NIT Jalandhar, 1-6, May 21-23, 2021. <https://doi.org/10.1109/ICSCCC51823.2021.9478095>