

Shouvik Paul

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Personal statement

I want to achieve a prestigious position in educated world and to enhance my knowledge, skills and experience while taking more responsibility and contribution to the growth of the organization.

Publications:

- Urban computing with AI and IoT, River Publishers 2021**
M. Singh, **S. Paul**, J. Singh
A Review of ITS (Intelligent Transportation Systems) Using AI and IoT", Urban computing with Artificial Intelligence and IoT, River Publishers, 2021 (Accepted)
- IEEE CONFLUENCE 2021 (International)**
S. Dey, S. De, **S. Paul** [Online Paper](#)
"A New Approach of Data Clustering Using Quantum Inspired Particle Swarm Optimization Based Fuzzy c-means", International Conference on Cloud Computing, Data Science & Engineering, IEEE CONFLUENCE 2021. DOI: 10.1109/Confluence51648.2021.9377105. Invited to publish in ASTES Journal.
- IEEE CONECCT 2020 (International)**
S. Paul, S. De, S. Dey [Online Paper](#)
"A Novel Approach of Data Clustering Using an Improved Particle Swarm Optimization Based K-Means Clustering Algorithm", International Conference on Electronics, Computing and Communication Technologies, IEEE CONECCT 2020. DOI:10.1109/CONECCT50063.2020.9198685. Invited to publish in ASTES Journal (ICEST) Special Issue.
- IEEE UPCON 2020 (International)**
S. De, S. Dey, **S. Paul** [Online Paper](#)
"Underwater Image Enhancement Using Neighbourhood Based Two Level Contrast Stretching and Modified Artificial Bee Colony", International Conference on Electronics, Computing and Communication Technologies, IEEE UPCON 2020. DOI: 10.1109/UPCON50219.2020.9376405.
- IEEE C2I4 2020 (International)**
S. Paul, S. De, S. Dey [Online Paper](#)
"Neighbourhood Based Bi-Level Contrast Adjustment for Underwater Image Enhancement Using Modified Particle Swarm Optimization", International Conference on Communication, Computing and for Industry 4.0, IEEE C2I4

Publications In Progress:

- S. Paul**, V. K. Reshma, "A Deep Learning-Based Framework for Automatic Brain Tumours Classification"
- S. Paul**, S. De, "Multi-level Image Segmentation using Black Widow Optimization Algorithm"
- S. Paul**, S. De, "Performance of Modified Inertia Weight Based PSO Algorithm on Benchmark IEEE CEC 2017 And Multi- Dimensional Dataset".
- S. Paul**, S. De, "Image Enhancement Based on Multi-Level Contrast Stretching Via Bio-Inspired Algorithm".
- S. Paul**, S. De, "Data Analysis and Image Clustering Using an Quantum Based Hybrid PSO-Kmeans".

Bachelors Thesis:

"Applications of Metaheuristic Algorithms in Data Clustering and Image Processing for Better Performance".

Supervisor: Prof. Dr. Sourav De