Shouvik Paul

M. Sc. Student in Automotive Software Engineering at TU Chemnitz, Germany

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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

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

IEEE C214 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

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- Dimentional 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