



PUBLICATIONS  
(G.SCHOLAR PROFILE)

1. (Conference) **A. Das**, Y. Yang, T. Hospedales, T. Xiang, Y. Song, “Cloud2Curve: Generation and Vectorization of Parametric Sketches”, Computer Vision and Pattern Recognition (CVPR) 2021.
2. (Conference) A. K. Bhunia\*, **A. Das\***, U. Muhammad\*, Y. Yang, T. Hospedales, T. Xiang, Y. Gryaditskaya, Y. Song, “Pixelor: A Competitive Sketching AI Agent. So you think you can sketch?”, SIGGRAPH Asia 2020. (\*Equal Contribution)
3. (Conference) **A. Das**, Y. Yang, T. Hospedales, T. Xiang, Y. Song, “BézierSketch: A generative model for scalable vector sketches”, European Conference on Computer Vision (ECCV) 2020.
4. (Journal) P.P. Roy, A.K. Bhunia, **A.Das**, P.Dhar, U.Pal, “Keyword spotting in doctor’s handwriting on medical prescriptions”, Expert Systems with Applications.
5. (Journal) **A.Das**, S.Das, “Feature Weighting and Selection with a Pareto-optimal Trade-off between Relevancy and Redundancy”, Pattern Recognition Letters.
6. (Journal) P.P.Roy, A.K.Bhunia, **A.Das**, P.Dey, U.Pal, “HMM-based Indic Handwritten Word Recognition using Zone Segmentation”, Pattern Recognition.
7. (Conference) P.P.Roy, **A.Das**, D.Majhi, U.Pal, “Retrieval of Scene Image and Video Frames using Date Field Spotting”, The 3<sup>rd</sup> IAPR Asian Conference on Pattern Recognition.
8. (Conference) **A.Das**, A.Bhunia, P.P.Roy, U.Pal, “Handwritten Word Spotting in Indic Scripts using Foreground and Background Information”, The 3<sup>rd</sup> IAPR Asian Conference on Pattern Recognition.
9. (Conference) A.K.Bhunia, **A.Das**, P.P.Roy, U.Pal, “A Comparative Study of Features for Handwritten Bangla Text Recognition”, 13<sup>th</sup> International Conference on Document Analysis and Recognition (ICDAR), pp. 636-640.

PROFESSIONAL  
& VOLUNTARY  
WORK

- Serving as reviewer for top conferences (ICCV, ACM SIGGRAPH) and journals (Elsevier Neural Networks).
- Intel Student Ambassador (Asia Pacific & Japan) for Artificial Intelligence (A.I.)
- Former member of “Innovation and Entrepreneurship Development Center (IEDC Lab)” funded by “Department of Science & Technology (DST), Govt. of India”
- Former vice-president of R&D Dept., Entrepreneurship-Cell (E-Cell), IEM Kolkata

TECHNICAL  
SKILLS

- Programming Languages: C/C++, MATLAB, Python, Julia
- ML/DL framework: PyTorch (Highly proficient), Tensorflow
- Mathematics: Linear-algebra, Probability, Statistics
- HPC: Cluster management, MPI, OpenMP
- Web: Basics of front-end, back-end, Flask, REST APIs
- Miscellaneous: Linux, L<sup>A</sup>T<sub>E</sub>X, Version control (Git), CUDA

REFERENCES

Will be provided upon request.