

Publications

- 2023 Debrup Das, **Debopriyo Banerjee**, Somak Aditya, Ashish Kulkarni. [MATHSENSEI: A Tool-Augmented Large Language Model for Mathematical Reasoning](#). Currently, under Review at NAACL, 2024.
- 2023 **Debopriyo Banerjee**, Mausam Jain, Ashish Kulkarni. [MFBE: Leveraging Multi-field Information of FAQs for Efficient Dense Retrieval](#). In Proceedings of the 27th Pacific-Asia Conference on Knowledge Discovery and Data Mining, pages 112-124, 2023.
- 2022 **Debopriyo Banerjee**, Harsh Maheshwari, Lucky Dhakad, Muthusamy Chelliah, Niloy Ganguly, Arnab Bhattacharya. [Recommendation of Compatible Outfits Conditioned on Style](#). Accepted at the 44th European Conference on Information Retrieval, 2022.
- 2022 **Debopriyo Banerjee**, Harsh Maheshwari, Lucky Dhakad, Arnab Bhattacharya, Niloy Ganguly, Muthusamy Chelliah, Suyash Agarwal. [An Application to Generate Style Guided Compatible Outfit](#). In Proceedings of the 9th ACM IKDD CODS and 27th COMAD 5th Joint International Conference on Data Science & Management of Data, 2022.
- 2021 Shubham Patil, **Debopriyo Banerjee**, and Shamik Sural. [A Graph Theoretic Approach for Multi-Objective Budget Constrained Capsule Wardrobe Recommendation](#). ACM Transactions on Information Systems, 40(1), 1:1–1:33, 2021.
- 2020 **Debopriyo Banerjee**, Krothapalli Sreenivasa Rao, Shamik Sural, and Niloy Ganguly. [BOXREC: Recommending a Box of Preferred Outfits in Online Shopping](#). ACM Transactions on Intelligent Systems and Technology, 11(6), 69:1–69:28, 2020.
- 2018 **Debopriyo Banerjee**, Niloy Ganguly, Shamik Sural, and Krothapalli Sreenivasa Rao. [One for the Road: Recommending Male Street Attire](#). In Proceedings of 22nd Pacific-Asia Conference on Knowledge Discovery and Data Mining, pages 571–582, 2018.
- 2018 Ewa Banaszak, **Debopriyo Banerjee**, Robert Florkowski, Tyll Krueger, Sudipta Saha, and Dimitri Volchenkov. [Coding and modelling of daily dress –about scientists coming out of the closet](#). Fabrica Societatis, (1/2018), pages 8–28, 2018.
- 2016 Ewa Banaszak, **Debopriyo Banerjee**, Tyll Krueger, Robert Florkowski, Tyll Krueger, Sudipta Saha, and Dimitri Volchenkov. [Men and the Clothing. Wroclaw Fashion Project](#). In Proceedings of the 10th International Fashion Conference, University of Navarra, pages 67–80, 2016.
- 2014 **Debopriyo Banerjee** and Sipra Das Bit. [Reviving Communication in Post Disaster Scenario Using ZIGBEE/GSM Heterogeneous Network](#). In Proceedings of the 2014 International Conference on Advances in Computing, Communications and Informatics, pages 2067-2073, 2014.
- 2012 **Debopriyo Banerjee**, Pratyasha Burman Ray, Sayan Mandal, and Subhabrata Debnath. [Shape Analysis of the Cells in Peripheral Blood Smear for Disease Diagnosis](#). In Proceedings of the All India Seminar on Computational Intelligence The Next Generation Challenges, pages 116-118, 2012.
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