Abhirup Nandy

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Introduction

- My research interests lie in Institutional Recommender Systems, Expertise Index, Text Analytics and NLP. I have primarily worked in bibliometric based collaboration recommendation systems, and institutional research performance assessment (www.indianscience.net).

Education

PHD IN COMPUTER SCIENCE | 2020 - ONGOING | BANARAS HINDU UNIVERSITY

- Research Interests: Institution Recommender systems, Expertise indices, Natural language Processing.

MASTERS IN COMPUTER SCIENCE | 2017 - 2019 | BANARAS HINDU UNIVERSITY

- Marks obtained: 8.3 CGPA.

BACHELORS IN COMPUTER SCIENCE | 2014 - 2017 | RAMAKRISHNA MISSION VIDYAMANDIRA

- Marks obtained: 7.27 CGPA.

ADDITIONAL QUALIFICATIONS

- GATE 2019: Score - 444/1000, Rank – 7244, Percentile – 92.75
- UGC-NET 2019: Qualified for LS, Percentile – 98.42

Skills and Abilities

TECHNICAL SKILLS

- Python, MS Office, Web Programming.
- Managing the Indian Science Reports portal (www.indianscience.net).

OTHER SKILLS

- Have helped in organizing and managing an AI training course (www.textanalytics.in/ai).

Experience

JUNIOR RESEARCH FELLOW | BANARAS HINDU UNIVERSITY | APRIL 2022 – ONGOING

- Working as a Junior Research Fellow in the DST sponsored project "Pattern Analysis and Impact Assessment of NCSTC projects".

JUNIOR RESEARCH FELLOW | BANARAS HINDU UNIVERSITY | MARCH 2020 – MARCH 2022

- Worked as a Junior Research Fellow in the DST sponsored project "Design of a Computational Framework for Discipline-wise and Thematic Mapping of Research Performance of Indian Higher Education Institutions (HEIs)".

Publications

- Lathabai, H. H., Nandy, A., & Singh, V. K. (2021, April). Expertise-based institutional collaboration recommendation in different thematic areas. In *proceedings of the 11th International Workshop on Bibliometric-enhanced Information Retrieval co-located with 43rd European Conference on Information Retrieval (ECIR 2021), Lucca, Italy (online only)*.

- Lathabai, H. H., Nandy, A., & Singh, V. K. (2021). x-index: Identifying core competency and thematic research strengths of institutions using an NLP and network based ranking framework. *Scientometrics*, *126*, 9557-9583.

- Lathabai, H. H., Nandy, A., & Singh, V. K. (2022). Institutional collaboration recommendation: An expertise-based framework using NLP and network analysis. *Expert Systems with Applications*, *209*, 118317.

- Singh, V. K., Nandy, A., Singh, P., Karmakar, M., Singh, A., Lathabai, H. H., ... & Kanaujia, A. (2022). Indian Science Reports: a web-based scientometric portal for mapping Indian research competencies at overall and institutional levels. *Scientometrics*, *127*(7), 4227-4236.

- Kanaujia, A., Singh, P., Nandy, A., & Singh, V. K. (2022). Research contribution of major centrally funded institution systems of India. *CURRENT SCIENCE*, *123*(9), 1082.

- Singh, P., Nandy, A., Singh, V. K., (2022). A Bibliometric Analysis of Research Output from Indian Institutes of Management. *DESIDOC Journal of Library & Information Technology, 42*, 6.

- Kanaujia, A., Nandy, A., Singh, P., & Singh, V. K. (2023). Mapping the research output from Indian states. *CURRENT SCIENCE*, *124*(11), 1082.

- Nandy, A., Lathabai, H. H., & Singh, V. K. (2023). x_d-index: An overall scholarly expertise index for the research portfolio management of institutions. *To appear in ISSI 2023*, Bloomington, Indiana.

- Nandy, A., Lathabai, H. H., & Singh, V. K. (2023). An Expertise-based Framework for Research Portfolio Management of Institutions at coarse- and fine-grained levels *To appear in STI 2023*, Leiden, Netherlands.

Other Details

- Languages: English, Bengali (*native*), Hindi.
- Date of Birth: 14th June, 1996.
- Father's Name: Somesh Kumar Nandy.
- Address of Residence: 32, Ramanath Bhattacharya Street, Belurmath, Howrah – 711202.
- Google scholar ID: https://scholar.google.com/citations?user=ZhEuoj4AAAAJ&hl=en
- ORCID: https://orcid.org/0000-0001-8618-0847