Dr Shrabanti Mandal

Email: shrabmandal@gmail.com
Phone: 7006435642
Address: Bilaspur , Chhattisgarh , India - 495009
ORCID ID: 0000-0003-3989-9503
Profile URL: https://vidwan.inflibnet.ac.in/profile/120004

AREAS OF EXPERTISE

Computer Science Software Engineering

Data Mining, Fuzzy Mathematics

EDUCATION

Ph.D *2020*

National Institute of Technology, Durgapur, West Bengal

MTech *2010*

Samrat Ashok Technological Institute, Vidisha, MP

B.Tech *2005*

Govt. College of Engg. & Textile Technology,Serampore, West Bengal

PROFESSIONAL EXPERIENCE

Guru Ghasidas Vishwavidyalaya *2022 - Present*

Associate Professor

Bilaspur

National Institute of Technology Srinagar *2021 - 2022*

Assistant Professor (Grade-II)

Srinagar

Dr. Harisingh Gour Vishwavidyalaya, Sagar *2013 - 2021*

Assistant Professor

PATENTS

IOT BASED AUTOMATED RAIL TRACK INSPECTION TROLLEY

Inventor(s): Indian Patent Office

Assignee: Dr. Shrabanti Mandal, Dr. Girish Kumar Singh | Published: 2024-02-09

PUBLICATIONS

1. **A comprehensive survey on sentiment analysis: Framework, techniques, and applications**

   Shrabanti Mandal,Manish Kumar Chandan

   Computer Science Review , Vol. 58 (2025) , pp. 1-32

2. **Parallel artificial Bee Colony algorithm for solving advance industrial productivity problems**

   Priya A.;Mandal S.;Yogesh

   Handbook of Research on Innovative Approaches to Information Technology in Library and Information Science , Vol. (2024) , pp. 21-41

3. **K-RMS Based Text Summarization Technique**

   Shrabanti Mandal,Girish Kumar Singh,Annu Priya

   International Journal of Intelligent Systems and Applications in Engineering ... , Vol. 12(4) (2024) , pp. 2911-2917

4. **Single document text summarization technique using optimal combination of cuckoo search algorithm, sentence scoring and sentiment score**

   Mandal S.;Singh G.K.;Pal A.

   International Journal of Information Technology Singapore , Vol. 13 (2021) , pp. 1805-1813

5. **Text Summarization Technique by Sentiment Analysis and Cuckoo Search Algorithm**

   Mandal S.;Singh G.K.;Pal A.

   Advances in Intelligent Systems and Computing , Vol. 1025 (2020) , pp. 357-366

6. **LSA Based Text Summarization**

   Shrabanti Mandal, Girish Kumar Singh

   International Journal of Recent Technology and Engineering (IJRTE) , Vol. 9(2) (2020) , pp. 150-156

7. **Discretization of Unlabeled Data using RST & Clustering**

   Shrabanti Mandal,Girish Kumar Singh

   Journal of Informatics and Mathematical Sciences , Vol. Vol 11, Issue 1 (2019) , pp.

8. **Pso-based text summarization approach using sentiment analysis**

   Mandal S.;Singh G.K.;Pal A.

   Advances in Intelligent Systems and Computing , Vol. 810 (2018) , pp. 845-854

9. **A Constraints Driven PSO Based Approach for Text Summarization**

   Shrabanti Mandal,Girish Kumar Singh,Anita Pal

   Journal of Informatics and Mathematical Sciences , Vol. , Vol-10,Issue 4,Web of Science, (2018) , pp. pp-703-714

10. **A Hybrid Text Summarization Approach**

   Shrabanti Mandal,Girish Kumar Singh,Anita Pal

   Journal of Informatics and Mathematical Sciences , Vol. Vol. 9, Issue 3 (2017) , pp.

11. **Cluster Analysis using Rough Set Theory**

   Shrabanti Mandal,Girish Kumar Singh

   Journal of Informatics and Mathematical Sciences , Vol. Vol 9, Issue 3 (2017) , pp.

12. **New Approach Of Text Mining In R**

   Shrabanti Mandal, Anita Pal

   GESJ (International Journal): Computer Science and Telecommunications. (ISSN 1512-1232), , Vol. Vol.1 No.45, (2015) , pp. pp. 30-36,

13. **Website Search Technique Using K-Means Algorithm**

   Shrabanti Mandal, Anita Pal

   GESJ (International Journal): Computer Science and Telecommunications. (ISSN 1512-1232), , Vol. Vol.3 No.39, (2013) , pp. pp. 112-117

14. **Design and Analysis of Algorithm to Search Documents with misspelled Input**

   ShrabantiMandal, Anita Pal

   Annals of Pure and Applied Mathematics , Vol. 5(1) (2013) , pp. 47-52