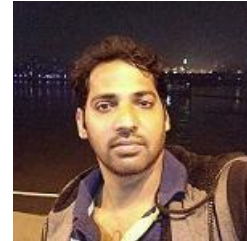# RANJAN KUMAR BEHERA

Assistant Professor
Department of Computer Science and Engineering,
Indian Institute of Information Technology, Ranchi
Jharkhand, India, Pin code: 834010
Phone: +91-9439592352, +91-8328831105
Institutional email: ranjan@iiitranchi.ac.in,
Personal email: jranjanb.19@gmail.com

OBJECTIVE

To work with a progressive organization that gives the opportunity to utilize my skills in achieving common goals of the organization and brighten my personal career.

PARTICULARS

EDUCATION

National Institute of Technology Rourkela,	Rourkela, Odisha, India
Ph. D. in Computer Science and Engineering	CGPA: 8.59, *2015-2020*
National Institute of Technology Hamirpur,	Himachal Pradesh, India
M. Tech in Computer Science and Engineering	CGPA: 7.82, *2011- 2013*
Orissa Engineeing College, Bhubaneswar,	Odisha, India
B. Tech in Information Technology	CGPA: 7.22, *2004-2008*

RESEARCH INTERESTS

Data Science

Social Network Analysis

Community Detection

Link Prediction

Natural Language Processing (Sentiment Analysis)

Machine Learning

Big Data Analytics

Cloud Computing- Serverless Computing

Academic Achievements

- **UGC-NET Qualified in 2012 (December), 2014 (December), 2015 (December)**
- **Gate qualified in 2011, 2012, 2013, 2014, 2015, 2016, 2021** with percentile 97.00 (2011), 98.64 (2012), 98.8 (2013), 98.9 (2014), 98.5 (2015), 98.9 (2016), 95.2 (2021).
- Best paper award in the year 2021 in the Journal Information processing and management, Elsevier (SCI, IF-6.22)
- Got state level NRTS scholarship.

Scholarship:

- Received Ph.D MHRD scholarship at NIT Rourkela (Jan 2015 to September 2018).
- Received MHRD scholarship in M. Tech Course from July 2011 to May 2013.

WORK EXPERIENCE

Teaching

- **Title: Assistant Professor in Department of Computer Science and Engineering**
  Institute Name: *Indian Institute of Information Technology, Ranchi, Jharkhand*
  Department: *Computer Science and Engineering*
  Date: *24-04-2023 to Continuing*
  Subject Taking: Fundamental of Data Structure, Programming Language

- **Title: Assistant Professor in Department of Computer Science and Engineering**
  Institute Name: *Birla Institute of Technology, Mesra, Ranchi, Jharkhand*
  Department: *Computer Science and Engineering*
  Date: *17-01-2022 to 20-04-2023* (One Year Three Months)
  Subject Taken for UG: Operating System, Theory of Computation, Compiler Design, Fundamental of Data Structure, Design and Analysis of Algorithm.
  Subject Taken for PG: Advanced, Deep Learning, Big Data Analytics

- **Title: Assistant Professor II in School of Computer Science and Engineering**
  Institute Name: *XIM University, Odisha*
  Department: *Computer Science and Engineering*
  Date: *15-06-2021 to 15-01-2022 (Seven Months)*
  Subject Taken: Operating System, Theory of Computation

- **Title: Assistant Professor in Computer Science and Engineering Department**
  Institute Name: *Veer Surendra Sai University of Technology, Burla, Sambalpur, Odisha*
  Department: *Computer Science and Engineering*
  Date: *04-09-2018 to 14-06-2021 (Two Year Ten months)*
  Subject Taken for UG: Operating System, Theory of Computation, Object Oriented Programming Language (C++), Computer Architecture, Digital Electronics Circuits
  Subject Taken for PG: Social Network Analysis, Advanced Computer Architecture

- **Title: Assistant Professor in Computer Science and Engineering Department**
  Institute Name: *Shiva Institute of Engineering and Technology, Bilaspur, (H. P.)*
  Department: *Computer Science and Engineering*
  Date: *15-07-2013 to 01-08-2014 (One Year)*
  Subject Taken: Design and Analysis of Algorithm, Theory of Computation, Object Oriented Programming Language (C++), Computer Architecture

- **Title: Assistant Professor in Computer Science and Engineering Department**
  Institute Name: *Bhubaneswar College of Engineering, Bhubaneswar, Odisha*
  Department: *Computer Science and Engineering*
  Date: *2-08-2014 to 29-12-2014 (Five Months)*
  Subject Taken: Design and Analysis of Algorithm, Theory of Computation, Object Oriented Programming Language (C++)
- **Title: Software Developer and Trainer in Computer Science Department**
  Institute Name: *Interface Software, Saheednagar, Bhubaneswar, Odisha*
  Department: *Computer Science*
  Date: *15-01-2009 to 25-08-2010 (One year and Eight Months)*
  Subject Taken: Database Management System, C Programming Language, Object Oriented Programming Language (C++)

Teaching Assistant as Ph. D Scholar

National Institute of Technology, Rourkela

- C Programming Language   Jan 2016-July 2016.
- Design and Analysis of Algorithm   July 2016-Dec 2016.
- Service Oriented Architecture   Jan 2017-July 2017.
- Software Architecture   July 2017-Dec 2017.
- Service Oriented Architecture   Jan 2018-July 2018.

Workshop/FDP/Training Attended

- National Workshop on Security Issues in WSN and WBAN Organized by Department of Computer Science and Engineering, NIT Rourkela in Collaboration with Nihon Communications Pvt. Ltd, Banglore from 27th September to 29th September 2016.
- National Workshop on "Science & Engineering Aspects of Bigdata Analysis (SEBDA 2015)" at Silicon Institute of Technology, Bhubaneswar.
- National Workshop on "Big Data Analytics" August 20-21, 2015 Organized by ACM student chapter, ISI, Kolkata, and Indian Statistical Institute, Kolkata..
- National Workshop On "Deep Learning & Its Applications" May 11-13, 2016 Organized by Faculty of Engineering & Technology (Institute of Technical Education & Research) Siksha 'O' Anusandhan University Bhubaneswar-751030, Odisha.
- Global Initiative of Academic Network (GIAN) course on "Artificial Intelligence for MR Brain Image Processing", October 9-18, 2017 by Department of Computer Science & Engg., NIT Rourkela.
- 8th National Level Workshop on "Recent Trends in software Testing" organized by Department of Computer Science & Engg., NIT Rourkela from 11th to 13th May 2015.
- 1st National Level Workshop on "Software Quality Assurance (NWSQA-15)" organized by Department of Computer Science & Engg., NIT Rourkela from 25th to 26th July 2015.
- TEQIP-III Sponsored National Workshop on Android App Testing (AAT-2018) Organized by Department of Computer Science and Engineering from 1st to 5th December 2018.
- MHRD sponsored TEQIP III Training program on Advanced Pedagogy and Digital Tool for Faculty members organized by IIT Kharagpur, during 3rd to 7th June 2019.

- MHRD sponsored TEQIP assisted Training of Future Skill Technologies: Cyber Security Organized by Department of Computer Science and Engineering, IIT Roorkie, India from 10th to 21st Fabruary 2020.
- SWAYAM Course on Digital Transformation in Teaching Learning Process (DTITLP) Organized by NPIU, and Conducted by IIT Bombay 16th to 30th March, 2020.
- TEQIP-III Sponsored Two days online workshop on Recent Advances in Artificial Intelligence (RAII) by VSSUT Burla from 11th to 12th September, 2020.
- TEQIP-III sponsored 5-days online Faculty Development Program on "Recent Advances in Computational Techniques RACT-2020" organized by Department of Information Technology, College of Engineering and Technology, Bhubaneswar from 19th to 23rd september 2020.
- AICTE Training And Learning (ATAL) Academy Online FDP on "Semantic Intelligence: Applications and Perspectives" from 2020-9-26 to 2020-9-30 at National Institute of Technology Kurukshetra.

Computer Skills:

- Programming Languages: C, C++, Java, Matlab, Python, R.
- Operating Systems : Windows XP, Windows 7, 8, 10
- Softwares: Hadoop, Spark, Graphx, Tensorflow, Gephi, Networkx
- Documentation Tool: Microsoft Word, Latex, Sharelatex
- Database Language: SQL

Academic Research Project

- **Ph.D Research Work:**
  Title: *Linkage Based Community Detection in Social Networks*
  Supervisor: *Prof. Santanu Kumar Rath, Computer Science and Engineering Department, NIT Rourkela*
  Co-Supervisor: *Dr. Bibhudatta Sahoo, Computer Science and Engineering Department, NIT Rourkela*
  Tool: Hadoop, Spark, R, Python, Gephi..
  Synopsis: Social network is probably the most powerful resource for big data analytics, community detection, link prediction, centrality analysis, influence analysis, network evolution, influence analysis, social media mining are the major issue that needs to be addressed in the era of big data analytics in social networks. My research work mainly focus on structural analysis of social networks to explore the hidden communities.

- **Thesis Work: M-Tech:**
  Title: *Concept, Design and Performnce Analysis of VLVIW Architecture*
  Guide: *Dr. Kumar Sambhav Pandey. Prof. and Head for Computer Center, NIT Hamirpur*
  Tool: Trimaran, SystemC, Suif 1.3.0.5.
  Synopsis: Project was to design and measuring the performance of VLVIW (Very Long Vector Instruction Word) processor architecture. VLVIW processor takes advantages of both VLIW and vector processor in order to improve the performance.

- **B. Tech Project:**
  Title: *Open source CSQL (Main Memory Database System)*
  Tool: C++, Linux
  Synopsis: CSQL is an open source main memory high-performance relational database management system developed at sourceforge.net. It is designed to provide high performance for SQL queries and

DML statements. As there is no disk I/O, in-memory databases provide a predictive response time which is suited to real time and near real time applications.

Patents

1. **Title**: Wireless Device for Queue Management
   Date of published: 17.01.2022
   Inventers: Anand Nayaar, Ranjan Kumar Behera, Anisha Kumari, Kshirasagar Sahoo, Monalisa jena
   Patent No: 356873-001

2. **Title**: IoT Enabled Integrated Printer
   Date of published: 05.04.2023
   Inventers: Anand Nayaar, Anisha Kumari, Ranjan Kumar Behera, Bibhudatta Sahoo
   Patent No: 383114-001

Publications

Journal

3. Ranjan Kumar Behera, Monalisa Jena, Santanu Kumar Rath, Sanjay mishra "Co-LSTM: Convolutional LSTM model for sentiment analysis in social big data ", *Information Processing & Management, Elsevier, 2020* (**SCI, IF-4.786**) DOI: https://doi.org/10.1016/j.ipm.2020.102435

4. Ranjan Kumar Behera, Debadatta Naik, Santanu Kumar Rath, Dharawat Ramesh "GA-BCD: Genetic Algorithm Based Community Detection Approach in Distributed Enviroment ", *Nural Computing and Application, Springer, 2019* (**SCI, IF-4.776**) DOI: https://doi.org/10.1007/s00521-019-04487-0

5. Ranjan Kumar Behera, Santanu Kumar Rath, Sanjay Misra, Robertas Damasevicius, and Rytis Maskeliunas Large Scale Community Detection Using a Small World Model . *Applied Science Journal, MDPI, 2017* (Published) (**SCI, IF-2.217**) DOI: https://doi.org/10.3390/app7111173.

6. Ranjan Kumar Behera, Sushree Das, Santanu Kumar Rath, Sanjay Misra, Robertas Damasevicius. Comparative Study of Real Time Machine Learning Models for Stock Prediction through Streaming Data. *Journal of Universal Computer Science* (**SCI**)

7. Ranjan Kumar Behera, Santanu Kumar Rath, Sanjay Misra, Robertas Damasevicius, and Rytis Maskeliunas Distributed Centrality Analysis of Social Network Data Using MapReduce. *Algorithm, MDPI* (**ESCI, Scopus**) DOI: https://doi.org/10.3390/a12080161

8. Ranjan Kumar Behera, Kshirasagar sahoo, Debadatta Naik, Santanu Kumar Rath "Structural Mining for Link Prediction using various Machine Learning Algorithms ", *International Journal of Social Ecology and Sustainable Development (IJSESD), IGI Global* (**Scopus**)
   DOI:https://doi.org/10.4018/IJSESD.2021070105

9. Ranjan Kumar Behera, Debadatta Naik, Santanu Kumar Rath and Dharawat Ramesh. MR-IBC: MapReduce-based incremental betweenness centrality in large-scale complex networks Social Network Analysis and Mining, Springer (**SCImago, Scopus**) DOI: https://doi.org/10.1007/s13278-020-00636-9

10. Anisha Kumari,Manoj patra, Ranjan Kumar Behera, Bibhudatta Sahoo "Resource optimization in performance modeling for serverless application ", *International Journal of Information Technology, Springer, 2022* (**Scopus**) DOI: https://doi.org/10.1007/s41870-022-01073-x

11. Debachudamani Prusti, Ranjan Kumar Behera, Sanatanu Kumar Rath "Hybridizing graph-based Gaussian mixture model with machine learning for classification of fraudulent transactions ", *Computational Intellegence, WIley, 2022* (**SCI, IF- 2.141**) DOI: https://doi.org/10.1111/coin.12561

12. Anisha Kumari, Ranjan Kumar Behera, Bibhudatta Sahoo, Satya Prakash Sahoo "Prediction of link evolution using community detection in social network ", *Computing, Springer, 2022* (**SCI, IF-2.42**) DOI: https://doi.org/10.1007/s00607-021-01035-4

13. Anisha Kumari, Manoj Patra, Ranjan Kumar Behera, Bibhudatta Sahoo "Workflow aware analytical model to predict performance and cost of serverless execution",*Concurrency and Computation: Practice and Experience, Wiley, 2020* (**SCI, IF-1.831**), DOI: https://doi.org/10.1002/cpe.7743.

14. Anisha Kumari, Ranjan Kumar Behera, Kshirasagar Sahoo, Anand Nayyar, Ashish Kumar Luhach, Satya Prakash Sahoo; Supervised link prediction using structuredbased feature extraction in social network . *Concurrency and Computation: Practice and Experience, Wiley, 2020* (**SCI, IF-1.831**) https://doi.org/10.1002/cpe.5839

15. Debadatta Naik, Ranjan Kumar Behera, Santanu Kumar Rath and Dharawat Ramesh. Map-Reduce-Based Centrality Detection in Social Networks: An Algorithmic Approach, *Arabian Journal for Science and Engineering, Springer, 2020.* (**SCI, IF 1.518**). DOI: https://doi.org/10.1007/s13369-020-04636-x

16. Lov Kumar, Ranjan Kumar Behera, Ashish Sureka and Santanu Ku. Rath, "A Bibliometric Study of ACM SEN from 2007 to 2016", *ACM SIGSOFT Software Engineering Notes (SEN)*, 2017 (**SCOPUS**). DOI: https://doi.org/10.1145/3127360.3127369

17. Lov Kumar, Ranjan Kumar Behera, Ashish Sureka and Santanu Ku. Rath, "Transfer Learning for Cross-Project Change-Proneness Prediction in Object-Oriented Software Systems: A Feasibility Analysis", *ACM SIGSOFT Software Engineering Notes (SEN)*, 2017 (**SCOPUS**).
DOI: https://doi.org/10.1145/3127360.3127368

18. Ranjan Kumar Behera, Deepak kumar, K. S. Pandey "Concept, Design and Performance Evaluation of VLVIW Processor ", *International Journal of Scientific Engineering and Technology, (ISSN : 2277-1581), Volume No.2, Issue No.7, pp : 719-723*

19. Deepak kumar, Ranjan Kumar Behera, K. S. Pandey "Concept of a Supervector Processor: A Vector Approach to Superscalar Processor, Design and Performance Analysis ", *International Journal of Engineering Research (ISSN : 2319-6890) Volume No.2, Issue No3, pp : 228-231.*

Conference

20. Ranjan Kumar Behera,S.K. Rath, An efficient modularity based algorithm for community detection in social network. *IEEE India International Conference, Pune, India, 2016 (IOTA 2016).* DOI: https://doi.org/10.1109/IOTA.2016.7562715.

21. Ranjan Kumar Behera, Debadatta Naik, Bibhudatta Sahoo,Santanu Kumar Rath Centrality Approach for Community Detection in Large Scale Network. *ACM India International Conference, Ahmadabad, India, 2016 (Compute 2016).* DOI: https://doi.org/10.1145/2998476.2998489

22. Ranjan Kumar Behera, Monalisa Jena, Santanu kumar Rath. Spanning Tree based community detection using MIN-Max Modularity. Proceedings of the 6th International Conference on Advances in Computing and Communications, Elsvier, Cochi, India DOI: https://doi.org/10.1016/j.procs.2016.07.311.

23. Ranjan Kumar Behera, Lov Kumar, Monalisa Jena, Sambit Mahapatra, Abhishek Sai Shukla, Santanu Kumar Rath . Nearness and Influence Based Link Prediction (NILP) in Distributed Platform. The 17th International Conference on Computational Science and Its Applications (ICCSA 2017), Trieste, Italy, Springer. DOI: https://doi.org10.1007/978-3-319-62407-5-23

24. Ranjan Kumar Behera, Abhishek Sai Sukla, Sambit Mahapatha, Santanu Kumar Rath and Bibhudatta Sahoo. Map-Reduce based Link Prediction for Large Scale Social Network. The 29th International Conference on Software Engineering & Knowledge Engineering (SEKE 2017), Wyndham Pittsburgh University Center, Pittsburgh, USA, IEEE. DOI: https://doi.org/10.18293/SEKE2017-100

25. Ranjan Kumar Behera, Sushree Das, Monalisa Jena, Santanu Kumar Rath and Bibhudatta Sahoo. A Comparative Study of Distributed Tools for Analyzing Streaming Data. The 16th International Conference on Information Technology (ICIT 2017), Bhubaneswar, India, IEEE. DOI: https://doi.org/10.1109/ICIT.2017.32

26. Ranjan Kumar Behera, Suyash Shukla, Santanu Kumar Rath. Software Reliability Assessment Using Machine Learning Technique. The 18th International Conference on Computational Science and Its Applications (ICCSA 2018), Melbourne, Australia, Springer.(Published)

27. Ranjit Kumar, Ranjan Kumar Behera, Santanu Kumar Rath A Fast Algorithm for Enumerating Maximal Cliques in Large Scale Network. The 14th IEEE India Council International Conference (INDICON 2017), IIT Roorkie, DOI: 10.1109/INDICON.2017.8488050

28. Ranjan Kumar Behera, Ranjit Kumar, Santanu Kumar Rath. Identifying Maximal Cliques in Large Scale Network using Genetic Algorithm. A National Conference, TOPAS 2017, IIT Kharagpur, 16-17th December 2017.

29. Parul Chak, Ranjan Kumar Behera, Santanu Kumar Rath and Bibhudatta Sahoo. Content Matching Problem in Large Scale Network using Weighted b-matching Algorithm. 4th IEEE International Conference on Recent Advances in Information Technology (RAIT 2018), IIT Dhanbad. DOI: https://doi.org/10.1109/RAIT.2018.8389077

30. Sushree Das, Ranjan Kumar Behera, Mukesh Kumar and Santanu Kumar Rath. Real-Time Sentiment Analysis of Twitter Streaming data for Stock Prediction. International conference on computational intelligence and data science (ICCIDS 2018), The NorthCap University, Gurugram, Elsvier DOI: https://doi.org/10.1016/j.procs.2018.05.111

31. Sushree Das, Ranjan Kumar Behera, Mukesh Kumar and Santanu Kumar Rath. Real-Time Sentiment Analysis of Twitter Streaming data for Stock Prediction. International conference on computational intelligence and data science (ICCIDS 2018), The NorthCap University, Gurugram, Elsvier DOI: https://doi.org/10.1016/j.procs.2018.05.111.

32. Suyash Shukla, Ranjan Kumar Behera, Sanjay Misra, and Santanu Kumar Rath. Software Reliability Assessment Using Deep Learning Technique. International Conference on Towards Extensible and Adaptable Methods in Computing (TEAMC 2018),NIST Delhi, 26-28th March 2018.

33. Monalisa Jena, Ranjan Kumar Behera, Santanu Kumar Rath.Machine Learning Models for Stock Prediction Using Real-Time Streaming Data. International Conference on Biologically Inspired Techniques in Many-Criteria Decision Making, F. M. University, Balasore, India https://doi.org/10.1007/978-3-030-39033-4_10

34. Anisha Kumari, Ranjan Kumar Behera, Bibudatta Sahoo, Satya Prakash Sahoo. Supervised Machine Learning for Link Prediction Using Path-Based Similarity Features . INDICON 2020, Netaji Subhas University of Technology, New Delhi, India, 10-13 December, 2020.

35. Anisha Kumari, Ranjan Kumar Behera, Bibudatta Sahoo, Satya Prakash Sahoo. Quantifying Influential Communities in Granular Social Networks Using Fuzzy Theory. International Conference on Computational Science and Its Applications, 2020 (ICCSA 2020), Springer, Cagliari, Italy, 1-4th July, 2020.

36. Anisha Kumari, Bibudatta Sahoo, Ranjan Kumar Behera. Mitigating Cold-Start Delay using Warm-Start Containers in Serverless Platform . INDICON 2022, Netaji Subhas University of Technology, New Delhi, India, 24-26 November, 2022.

37. Anisha Kumari, Bibhudatta Sahoo, Ranjan Kumar Behera, Sanjay Misra, Mayank Mohan Sharma. Evaluation of integrated frameworks for optimizing qos in serverless computing. International Conference on Computational Science and Its Applications, 2021 (ICCSA 2021), Springer, Cagliari, Italy, 13-16th Springer, 2021.

38. Anisha Kumari, Ranjan Kumar Behera, Bibhudatta Sahoo, Sanjay Misra. Role of serverless computing in healthcare systems: case studies. International Conference on Computational Science and Its Applications, 2022 (ICCSA 2022), Springer, Malaga, Spain, 4-7th July, 2022.

39. Awe M Oluwatoyin, Sanjay Misra, Abhavya Gautam, Ranjan Kumar Behera. Customer Churn Prediction in Banking Industry Using Power Bi. Third International Conference on Computing, Communications, and Cyber-Security: IC4S 2021, Springer, Krishna ENgineering College, Gaziabad, U.P., India 30-31 October, 2021

40. Femi Emmanuel Ayo, Sanjay Misra, Joseph Bamidele Awotunde, Ranjan Kumar Behera, Jonathan Oluranti, Ravin Ahuja. A Mobile-Based Patient Surgical Appointment System Using Fuzzy Logic. Third International Conference on Computing, Communications, and Cyber-Security: IC4S 2021, Springer, Krishna ENgineering College, Gaziabad, U.P., India 30-31 October, 2021

Book Chapter

41. Ranjan Kumar Behera, Monalisa Jena, Debadatta Naik, Bibudatta Sahoo, Santanu Kumar Rath, Linkage based Social Network Analysis in Distributed Platform . Big Data Analytics: A Social Network Approach (BDASNA2017), Published by CRC Press, Taylor and Francis Group. (Published)

42. Ranjan Kumar Behera, Kshira Sagar Sahoo, Sambit Mahapatra, Santanu Kumar Rath, Bibudatta Sahoo Security Issues in Distributed Computation for Big Data Analytics. Handbook of E-business Security, Published by CRC Press, Taylor and Francis Group. (Published)

43. Kshira Sagar Sahoo, Ranjan Kumar Behera, Bibhudatta Sahoo, Mayank Tiwary. Distributed Denial-of-Service Threats and Defense Mechanisms in Software-Defined Networks: A Layer-Wise Review. Handbook of E-business Security, Published by CRC Press, Taylor and Francis Group. (Published)

44. Monalisa Jena, Ranjan Kumar Behera, Satchidananda Dehuri. Hybrid Decision Tree for Machine Learning: A Big Data Perspective. Advances in Machine Learning for Big Data Analysis, Published by Springer. (Published)

PROFESSIONAL ACTIVITIES

- IEEE Professional Membership, Member Id- 94284656
- IEEE Young Professional Membership.

Invited Talk/ Session Chair

- Delivered a Talk in a Academic Lecture entitled with "Role of Big data in the domain of social network analysis" on 22nd July 2022, Department of Computer Science and Engineering, Siksha 'O' Anusandan, Bhubaneswar.

- Delivered a Talk in a Academic Lecture entitled with "Structured based Linked Prediction to Capture the Network Evolution in Large Scale Social Network" on 22nd November 2022, Department of Computer Science and Engineering, Siksha 'O' Anusandan, Bhubaneswar.

- Session chair at a workshop (SEPA) in the 22nd International Conference on Computational Science and Its Applications (ICCSA 2022), Cagliari, Italy, July 6, 2022, Springer.

SERVICE

Reviewer in Journal (SCI/Scopus):

- ACM Transaction on Knowledge Discovery from Data (TKDD)
- Journal of Future Generation Computer Systems, Elsevier, SCI.
- Information Processing and Management, Elsevier, SCI
- Expert Sysytem and Application , Elsevier, SCI.
- Information Science, Elsevier, SCI
- Cluster Computing, Springer, SCI
- Arabian Journal of Science and Technology, Springer, SCI
- IEEE Access: The Multidisciplinary Open Access Journal
- IETE Technical Review, SCI
- Frontier of Computer Science, SCI, Springer
- Concurrency and Computation: Practice and Experience, SCI, Wiley
- Information Technology and Control, SCI
- PeerJ Open Access Journal, SCI
- Social Network Analysis and Mining, Springer, Scopus

Reviewer in International Conferences:

- 17th international Conference on Computational Science and Its Applications, Trieste (ICCSA 2017), Italy, July 3-7, 2017, Springer.
- 20th International Conference on Computational Science and Its Applications (ICCSA 2020), Cagliari, Italy, July 14, 2020, Springer.
- 21st International Conference on Computational Science and Its Applications (ICCSA 2021), Malaga, Spain, September 1316, 2021, Springer.
- 22nd International Conference on Computational Science and Its Applications (ICCSA 2022), Cagliari, Italy, July 47, 2022,, 2022, Springer.
- 1st IEEE International Symposium on Sustainable Energy, Signal Processing and Cyber Security (IEEE-iSSSC 2020)
- 2nd IEEE International Symposium on Sustainable Energy, Signal Processing and Cyber Security (IEEE-iSSSC 2022) , December 15-17, GIET Gunpur 2022.
- The 1st International Conference on Computing, Communication and Learning (COCOLE)-2022 , 27-29 October, NIT Warangal 2023, Springer.

Social Media Profiles

- **Google Scholar** https://scholar.google.co.in/citations?user=6pD5Y8gAAAAJ&hl=en
- **Linkedin** https://www.linkedin.com/in/dr-ranjan-kumar-behera
- **GitHub** https://github.com/ranjannitr
- **ORCID** https://orcid.org/0000-0001-9267-3621
- **ResearcherID** https://www.researchgate.net/profile/Ranjan_Behera7
- **Twitter** https://twitter.com/RanjanK19

REFERENCES

FROM ACADEMIA

Prof. Santanu Kumar Rath
Professor
Department of Computer Science & Engineering
National Institute of Technology Rourkela
Pin Code : 769008
Phone: 0661-2462350
Fax: 0661-2462351
Email Id : rath.santanu@gmail.com

Dr. Bibhudatta Sahu
Professor
Department of Computer Science & Engineering
National Institute of Technology Rourkela
Pin Code : 769008
Phone: 0661-2462358
Email Id : bdsahu@nitrkl.ac.in

Prof. Durga Prasad Mohapatra
Professor
Department of Computer Science & Engineering
National Institute of Technology Rourkela
Pin Code : 769008
Phone: 0661-2462356
Email Id : durga@nitrkl.ac.in

Prof. Sanjay Misra
Professor
Department of Computer Engineering
Tilim University,Ankara, Turkey
Phone: +2347030851086
Email Id : ssopam@gmail.com

Personal Details

- **Name:** Ranjan Kumar Behera
- **Father Name:** Narasingha Behera
- **Mothers Name:** Kanchan Behera
- **Spouse Name:** Monalisa Jena
- **Date of Birth:** 26-06-1986
- **Sex:** Male
- **Nationality:** Indian
- **Languages Known:** English, Hindi
- **Hobbies:** Touring, Social Networking, Playing Cricket, Listening Music

Desirous of:

- Life long learning.
- Value Education.
- Social Work.
- Improvement of self.

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

Place: IIIT Ranchi   Signature : Ranjan Kumar Behera

Date: 17.07.2023