



## Bivasa Ranjan Parida, M.Tech.

**Designation** : Assistant Professor

**Department** : Department of Computer Science and Engineering

(JOINED THE INSTITUTE IN 2022)

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### RESEARCH INTERESTS

- ✓ Cloud Computing
- ✓ Grid Computing
- ✓ Wireless Body Area Network

### Academic Qualifications

Ph. D. (Thesis Submitted), Computer Science and Engineering, VSSUT, Burla, India

M. Tech. (Computer Science and Engineering), BPUT, Odisha, India

MBA (Information Technology & Human Resource Mgmt.), PTU, Jalandhar, India

B. E. (Computer Science and Engineering), Utkal University, Odisha, India

### Teaching Experience/Industrial Experience/Research Experience

19 Years

## PUBLICATIONS

### JOURNAL ARTICLES & CONFERENCE PAPERS

- [1]. Bivasa RanjanParida, Amiya Kumar Rath, Bibudhendu Pati, Chhabi Rani Panigrahi, Hitesh Mohapatra, and Rajkumar Buyya. "SSEPC cloud: Carbon footprint aware power efficient virtual machine placement in cloud milieu." *Computer Science and Information Systems* 00 (2024): 18-18.
- [2]. Bivasa RanjanParida, Amiya Kumar Rath, Bibudhendu Pati, Chhabi Rani Panigrahi, Hitesh Mohapatra, and Rajkumar Buyya. "Energy Efficient Virtual Machine Placement in Dynamic Cloud Milieu Using a Hybrid Metaheuristic Technique." *Computación y Sistemas* 27, no. 4 (2023): 1147-1155.
- [3]. LomashradhhaParida, Bivasa Ranjan Parida, Manas Ranjan Mishra, Suvendra Kumar Jayasingh, Tusharkanta Samal, and Sujata Ray. "A Novel Approach for Human Activity Recognition Using Vision Based Method."

- In 2023 1st International Conference on Circuits, Power and Intelligent Systems (CCPIS), pp. 1-5. IEEE, 2023.
- [4]. Bivasa Ranjan Parida, Amiya Kumar Rath, and Hitesh Mohapatra. "Binary Self-Adaptive Salp Swarm optimization-Based dynamic Load Balancing in Cloud Computing." *International Journal of Information Technology and Web Engineering (IJITWE)* 17, no. 1 (2022): 1-25.
- [5]. Bivasa Ranjan Parida, and Amiya Kumar Rath. "Energy-Aware Load Balancing in Dynamic Cloud Environment Using Nature-Inspired Technique." In *Advances in Micro-Electronics, Embedded Systems and IoT*, pp. 249-258. Springer, Singapore, 2022.
- [6]. Anita Sahoo, Rakesh Kumar Lenka, Tusharkanta Samal, and Bivasa Ranjan Parida. "Honey-Bee based Load Balanced Packet Scheduling MAC Protocol for IoT-enabled Healthcare System." In *2022 International Conference on Emerging Smart Computing and Informatics (ESCI)*, pp. 1-7. IEEE, 2022.
- [7]. Bivasa Ranjan Parida, Amiya Kumar Rath, and Shrabanee Swagatika. "Load Balancing of Tasks in Cloud Computing Using Fault-Tolerant Honey Bee Foraging Approach." In *Intelligent and Cloud Computing*, pp. 51-58. Springer, Singapore, 2021.
- [8]. Sumanta Chandra Mishra Sharma, Amiya Kumar Rath, and Bivasa Ranjan Parida. "Efficient load balancing techniques for multi-datacenter cloud milieu." *International Journal of Information Technology* (2020): 1-11.
- [9]. Anita Sahoo, Tusharkanta Samal, and Bivasa Ranjan Parida. "Priority based Packet Balanced Queue MAC protocol in Wireless Body Area Network." In *2019 10th International Conference on Computing, Communication and Networking Technologies (ICCCNT)*, pp. 1-6. IEEE, 2019.
- [10]. Manoj Kumar Mishra, Nachiketa Tarasia, Bivasa Ranjan Parida, and Sarita Das. "An Image Decomposition Parallel Approach to Train Flann for an Adaptive Filter." In *International Conference on Advances in Computing, Communication and Control*, pp. 355-363. Springer, Berlin, Heidelberg, 2011.
- [11]. Manoj Kumar Mishra, Raksha Sharma, Vishnu Kant Soni, Bivasa Ranjan Parida, and Ranjan Kumar Das. "A memory-aware dynamic job scheduling model in Grid computing." In *2010 International Conference On Computer Design and Applications*, vol. 1, pp. V1-545. IEEE, 2010.

## PATENTS

Patent 2021 107039, filed on date 24/08/2021, in the Australian Patent.

## ANY OTHER

- Future Ready Contributor Advance Level Training certificate issued on 12th April 2022 from Illumine Foundation in collaboration with Tata Steel Foundation.
- Educator Training Certificate on "AWS Academy Cloud Foundations" issued on 4th June 2021 from Eduskills in collaboration with AWS Academy.

- Global Certification in AWS Certified Cloud Practitioner issued on 9th April 2021 valid till 9th April 2024.
- Cognitive Learning Instructor™ Foundation Level Training Certificate (during 11th – 19th January 2021) from BPUT in collaboration with Illumine Foundation valid till April 2027.
- Session Chair in 3rd IEEE International Conference on Systems, Computation, Automation and Networking (ICSCAN-2020) conducted on 3rd and 4th July 2020 at Manakula Vinayagar Institute of Technology, Puducherry.
- Convener of AICTE sponsored National Seminar on “Emerging Trends in Communication and Computing” organized by College of Engineering Bhubaneswar on 22nd and 23rd December 2017.
- Convener of 18th Annual State Level Faculty Convention of ISTE (Odisha Section) and the National Seminar on “Role of Technology in SocioEconomic Development of the Nation” (RTSEDN-2015) on 26th & 27th December, 2015 at College of Engineering Bhubaneswar.
- Workshop Coordinator of the Two-week ISTE Workshop on “Computer Networking” conducted by IIT Bombay under the National Mission on Education through ICT (MHRD) from May 28th, 2014 to July 5th, 2014.
- Invited speaker in Career Plus Programme of Naxatra News Channel during 2013 - 2015.
- Dale Carnegie certification in “High Impact Teaching Skills” in 2010.
- State level award for story writing in Odia language from ‘Katha’ Eastern Media by Hon’ble Chief-Minister, Odisha.
- Member of Institution of Engineers
- Member of Computer Society of India
- Reviewer of different International Journals and Conferences