NAME: MANJULA H NEBAGIRI
Designation: Associate Professor
Department: Computer Science and Engineering

Date of Joining	14th November 2024		
Professional Experience	Teaching	Industry	Research
	18.3	1	0.1

Contact Details	
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Academic Background
• **Ph.D in Faculty of Computer Science & Information Science**   Visveswaraya Technological University, Belagavi
• **M. Tech in software Engineering**   **R.V.C.E Bengaluru**
• **B.E in Computer Science and Engineering**   **Basaveshwara Engineering College, Bagalkot**

Areas of Interest	
• Computer Networks	• Machine Learning
• Cloud Computing	• Internet of things

Significant Publications

- **No. of Papers Published in Journals (Numbers and Description)**
  Numbers-7

  1. "Fractional Social Optimization and Replica Management Algorithm for Load Balancing in Distributed File System for Cloud Computing." |Manjula H Nebagiri and Dr. Latha P H (Received Acceptance- Network: Computing in Neural Systems,, Taylor & Francis publisher), Manu Script ID: TENT-2023-1271.R2, Impact Factor 7.8, 06th May 2024

  2. "An efficient Optimal Load Balancing algorithm for distributed file system in cloud environment" |Manjula H Nebagiri and Dr. Latha P H, Building 5G Networks through Cloud Edge Computing, International Journal of Networking and Virtual Organizations, Inder science Enterprises Ltd, Vol.30, No.2, ISSN: 1741-5225, pp134-151. March 25th 2024. https://doi.org/10.1504/IJNVO.2024.137542 .

  3. "Multi-Objective of Load Balancing in Cloud Computing using Cuckoo Search Optimization based Simulation Annealing" | Manjula H Nebagiri and Dr. Latha P H, International Journal of Intelligent System and Applications in Engineering (IJISAE), Vol.12 NO.9S, ISSN: 21476799, www.ijisae.org, December 27th 2023. https://ijisae.org/index.php/IJISAE/article/view/4366/3022 .

  4. "Hybrid Trust-based Optimized Virtual Machine Migration for Dynamic Load Balancing and Replica Management in Heterogeneous Cloud" | Manjula H Nebagiri and Dr. Latha P H, Multiagent and Grid Systems, An International Journal of Cloud Computing, Vol. 19, No. 3, pp. 231-252, ISSN-1574-1702, IOS Press, December 15th 2023. https://content.iospress.com/journals/multiagent-and-grid-systems/19/3 DOI: 10.3233/MGS.230025.

  5. "Survey on Efficient Load Balancing Algorithms and Comparative Study" |Manjula H Nebagiri and Dr. Latha P H, International Journal of Advanced Technology in Engineering and Science, ISSN 2348-7550, Volume 09, Issue 03, March 2021

  6. "Efficient load balancing over asymmetric data center topologies" | Manjula H Nebagiri and Dr. Latha P H, International Conference on Latest Advancement & Trends in Engineering, Science & Management. ISBN:978-93-87793 86-6, May 2019

  7. "Hard disk security using full disk encryption" | Manjula H Nebagiri, International Journal of Advanced engineering and Applications, Dec 2010

- **No. of Papers Presented in Conferences (Numbers and Description)**
  Numbers- 2

     a. Manjula H Nebagiri, Dr, Latha P H. "Efficient load balancing over Asymmetric data centre topologies." International Conference on Latest Advanced Science and Management. ISBN: 978-93-87793-86, 03-04 May 2021.

     b. Manjula H Nebagiri, **"Hard disk security using full disk encryption",** National conference on Computing communication and Technology CCT-2010 held on, 22nd and 23rd JAN 2010

- **List of FDP's/Workshops (Numbers and Description)**
  Number-9

  1. Academic Enrichment Program on "Machine learning with Python" between 21st-23rd of January 2019, Atria Institute of Technology.

  2. Five-day Workshop on "Design and Analysis of Algorithms (JAVA) and Microprocessor Laboratory" form 23rd to 28th January 2017, Sai Vidya institute of technology.

3. Six days Workshop/Faculty Development Program under TEQIP-II on "Advances and Research Challenges in the Applications of Artificial Intelligence in Gaming, Medical Imaging and Bio-Informatics", M.S.Ramaiah Institute of Technology, Bangalore from 18th to 23rd July 2016.

4. Workshop on "Hands-on with MATLAB 2015A and Toolboxes", January 27th and 28th, 2016 at Atria Institute of Technology.

5. Three-day workshop on "Big Data Analytics", 4th June to 6th June 2015, held at M. S. Ramaiah Institute of Technology by Department of ISE.

6. Two-day workshop on "Web 2.0 and Rich Internet Applications" 20th to 22th February 2014, held at Siddaganga Institute of technology.

7. Two-day workshop on "National Network Security Championship" 8th-9th March 2014, Vidyavardhaka College of Engineering, Mysore.

8. Three-day workshop "Emerging Trends in Mobile Computing- From Mobile Application to Context Aware Computing" 26th- 28th September, 2013

9. Workshop on "Database and Web Security", 14th March 2013, organized by Atria Institute of Technology, Department of ISE.

- **Project Guided details (18)**