

FACULTY DETAILS

Faculty Name:

DR. PUSHPA R

Head Department of Computer Science & Engineering

Education Details:

- **Ph.D. (Computer Science & Engineering)**

Contact Details

Email ID: pushpa.aitcse@gmail.com

Scopus ID: <https://www.scopus.com/authid/detail.uri?authorId=57202983712>

Google Scholar ID: <https://scholar.google.com/citations?user=kGRATQYAAAAJ&hl=en>

Professional Experience

Teaching Experience:

- Working as Head in CS&E Department, AIT from July 2023 to till date.
- Worked as Assistant Professor in CS&E Department, SSIT. Tumkur from Sept 2006 to July 2023.
- Worked as Lecturer in JSS Polytechnic for Women, Mysore from July 2003 to Sept 2006.
- Worked as Assistant Professor in CS&E Department HMS Institute of Technology, Tumakuru from Sept 2000 to July 2003.

Research Experience: 1 Year

- Scopus Indexed preview:
<https://www.scopus.com/authid/detail.uri?authorId=57202983712>

Publication Details:

SCOPUS INDEXED JOURNALS:

1. Pushpa R. Dr. M. Siddappa “An Optimal Way of VM Placement Strategy in Cloud Computing Platform Using ABCSO Algorithm”, In International Journal of Ambient Computing and Intelligence (IJACI) ISBN: 978-1-5386-1144-9, Vol.12, Issue 3 ,pp16-38, July 2021. SCOPUS INDEXED , SCI -Q2

2. Pushpa R. Dr. M. Siddappa “Fractional Artificial Bee Chicken Swarm Optimization technique for QoS aware virtual machine placement in cloud”, In John Wiley & Sons, Ltd. Concurrency and Computation: Practice and Experience, Inc. ISSN 15320626, e7532, 2022. SCOPUS INDEXED , SCI -Q2

INTERNATIONAL CONFERENCES:

1. Pushpa R. Dr. M. Siddappa “A Comparative Survey on Load Balancing Algorithms for Cloud Environments” in Third IEEE International Conference on Applied and Theoretical Computing and Communication Technology (iCATccT-2017) 21st -23rd December 2017 pp 316-321. 978-1-5386-1144-9. IEEE Explore

2. Pushpa R. Dr. M. Siddappa “Adaptive Hybrid Optimization Based Virtual Machine Placement in Cloud Computing” In Fourth IEEE International Conference on Smart Systems and Inventive Technology. ICSSIT- 2022 20th -22nd January 2022 pp 416-424. 978-1-6654-0118-0

IEEE Explore

Roles and Responsibility

- NBA Criteria 4 Coordinator,
- NAAC documentation
- Editorial Board Member, Journal of Interdisciplinary Research (JIR), SAAHE
- Executive Member, SSIT-IEEE-Student Branch-Women In Engineering
- Syllabus Preparation for theory and practical subjects (SAHE,Tumkur)
- Student Counsellor
- Semester Coordinator
- Anti-Ragging Committee member

Professional body membership

- Member of ISTE

Achievements:

1. **Received BEST PAPER AWARD for the Contribution and Honorable Achievement in Innovative Research**

Ph D Guidance

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Research Area of Interest

- **Cloud Computing**