

Publications

1. Padole, M., & Shah, A. (2018). "Comparative Study of Scheduling Algorithms in Heterogeneous Distributed Computing Systems". In *Advanced Computing and Communication Technologies* (pp. 111-122). Springer, Singapore.
[Scopus Indexed, EI-Compendex]
<https://www.springerprofessional.de/en/comparative-study-of-scheduling-algorithms-in-heterogeneous-dist/15161628>
2. Shah, A., & Padole, M. (2018). "Load Balancing through Block Rearrangement Policy for Hadoop Heterogeneous Cluster". In *2018 International Conference on Advances in Computing, Communications and Informatics (ICACCI)* (pp. 230-236). IEEE.
[Scopus Indexed, DBLP, EI-Compendex and Web of Science THOMSON REUTERS Conference Proceedings Citation Index]
<https://ieeexplore.ieee.org/document/8554404>
<https://dblp.org/rec/html/conf/icacsi/ShahP18>
<https://www.scopus.com/authid/detail.uri?authorId=56716412100>
3. Shah, A. and Padole, M., (2019). Performance Analysis of Scheduling Algorithms in Apache Hadoop. In *Data, Engineering and Applications* (pp. 45-57). Springer, Singapore.
[Book Chapter]
https://link.springer.com/chapter/10.1007/978-981-13-6351-1_5
4. Shah, A., & Padole, M. (2019). "Apache Hadoop: A Guide for Cluster Configuration & Testing", *International Journal of Computer Sciences and Engineering*, Vol.7, Issue.4, pp.792-796.
[UGC Approved Journal]
https://www.ijcsonline.org/pdf_paper_view.php?paper_id=4118&135-IJCSE-06624.pdf
5. "Hadoop Performance Acceleration by Effective Data and Job Placement". Paper submitted for *Advances in Intelligent Systems and Computing*, Springer, Singapore.
[Accepted] [Scopus Indexed, EI-Compendex]

6. *“Saksham: Resource Aware Block Rearrangement Algorithm for Load Balancing in Hadoop”.*

Paper submitted in IGI Global book chapter on “Big Data Analytics for Sustainable Computing”.

MOOCs Exam Cleared

1. NPTEL Online Certification Course: Successfully completed 8 week course on “Big Data Computing” with a score of 75%.