Faculty	Dr. VAISHALI GAJENDRA SHENDE Associate Professor, Department of Information Science and Engineering, East Point College of Engineering & Technology

Profile:

Dr. Vaishali Shende completed Ph.D in CSE from Dayananda Sagar College of Engineering research centre, Bangalore under VTU. Her research area is memory management using Hadoop map reduce in Big data. She completed her M.Tech in computer Network Engineering and BE in computer science & Engineering. She is having 16+ years of experience in teaching in different Universities. She has published 6 books, 7 patents and 4 journal papers. She has presented 2 research papers in International conferences. She has taught subjects like Artificial Intelligence and Machine Learning, Design and Analysis of Algorithms and Cybersecurity. She was the internship and Seminar coordinator for UG students. Her area of expertise is Big data and Artificial Intelligence. She has guided several projects for UG students.

Publications

Books:
Name of the book: 1)Data structures and Algorithm
Publisher: Scientific International Publishing House
Year of Publication:2022
Name of the book: 2) Beginners guide to problem solving and Programming in Python
Publisher: Scientific International Publishing House
Year of Publication:2022
Name of the book: 3) Collective Intelligence :AI and DL
Publisher: Scientific International Publishing House
Year of Publication:2023
Name of the book: 4) Machine learning and deep learning
Publisher: Scientific International Publishing House
Year of Publication:2023
Name of the book:5) Introduction to Big data And Data Analytics using **R**
Publisher: Scientific International Publishing House
Year of Publication:2023
Name of the book: 6) AI and IoT-based intelligent Health Care & Sanitation
Publisher: Bentham Science Publisher (Indexed in ESCI and Scopus).
Year of Publication:2023

Journals

1)FCN Network-Based Weed and Crop Segmentation for IoT-Aided Agriculture Applications, Hindawi Wireless Communications and Mobile Computing Volume 2022, Article ID 2770706, 10 pages
2) Memory Aware optimized Hadoop MapReduce model in Cloud Computing Environment ,International journal of Artificial Intelligence Vol. 12, No. 3, September 2023, pp. 1~1x
 ISSN: 2252-8938, DOI: 10.11591/ijai.v12.i3.pp1-1x
3) MapReduce model for Memory aware optimization MA-OHMR using Big Data with Apache Flink ,European Chemical Bulletin ISSN 2063-5346 DOI:10.48047/ecb/2023.12.9.15 , Volume 2023
4)Makespan Aware Optimized Hybrid-Hadoop MapReduce model in cloud computing Environment, European Chemical Bulletin

ISSN 2063-5346 DOI:10.48047/ecb/2023.12.9.15 Volume 2023
Patents: 1): Malware Detection Model For Android Using Machine Learning, Publication Date 03/09/2021 2) Development Of Big Data Analytics For Intelligent Industrial Manufacturing Based On Wireless And Iot Technology, Publication Date29/10/2021 3) Ml & Big Data Based Cloud Computing Construction Assessment System For Android Applications, Publication Date15/10/2021 4) Heart Patient Scanning And Monitoring Using Machine Learning Publication Date 30/07/2022 5) Design And Development Of Wearable Assistive Device Support System For Blind And Visually Impaired People, Publication Date   10/01/2023 6) Dynamic Resource Management And Optimization For Enhanced Performance In Hadoop Map Reduce, Publication Date 01/09/2023 Clusters 7) A Cloud Based Server Device With Dynamic Memory Management And Resource Scheduling For Intensive Data Applications, Publication Date 02 August 2023
Conferences Papers:

Optimization of Hadoop Map Reduce Model in cloud Computing Environment
       Date of Conference: 27-29 November 2019
       INSPEC Accession Number: 19342401
       Date added to the IEEE Xplore: 10th February 2020
       DOI: 10.1109/ICSSIT46314.2019.8987823
       Publisher: IEEE
       Conference Location: Tirunelveli , India

Achievements / Awards / Recognitions
Best Senior Faculty Award, 18 march 2023   Novel Research Academy