



**Name of the faculty:** Mr. Vaibhav Jain

**Designation:** Adjunct Faculty, School of Computer Application, SAGE Bhopal

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**Educational Qualification:** M.Tech, Ph.D (Pursuing)

**Total Experience:** 08 Years

Academic: 6.5 years      Research: 1.5 years

**Area of Interest:** Cloud Technology, Machine Learning

**Brief Profile:**

Mr. Vaibhav Jain is associated as Deputy Zonal Academic Head with iNurture Education Solution Pvt. Ltd., Bangalore. He has been appointed at SAGE University Bhopal as an adjunct Faculty Member in Department of Computer Application under SAGE School of Computer Application (SSOCA). He holds around 9+ years of Academic/Research Experience. He is pursuing Ph.D. in CSE from UIT-RGPV, Bhopal. He also worked as Research Fellow in BRNS-DAE Project sanctioned by the President of India at Nirma University, Ahmadabad in collaboration with IPR, Gandhinagar from 2016-2018. He is the member of IEEE. He has published 15 research papers and book chapters including in Springer CICS and Scopus Indexed Journals. He has been conferred with Young Scientist Award 2021 by MPCST Bhopal and also has won best Faculty Award. His field of specialization are Cloud Computing, Artificial Intelligence, Machine Learning and Deep Learning. Currently, his research is based on applications of Deep Learning in Smart Cities. In addition to experience in academia, he has worked as Member of Anti Ragging Committee, Social Media Coordinator in various institutions.

**Research publications in International Journal:**

- Vaibhav Jain, RoopaliSoni (2013) “Content Based Image Retrieval of User’s Interest using Interactive Genetic Algorithm: A Review” International Journal of Recent Advance in Engineering and Technology (IJRAET), Vol.-1 Issue-3, ISSN -2341-2812, Page No. 31-35.
- Vaibhav Jain, Neha Gupta (2015) “Enhanced Face Detection Using Skin Color Model: A Review” published in the Volume4 Issue 11 of “International Journal of Advanced Research in Computer Science and Electronics Engineering” (ISSN: 2277 – 9043).
- Neha Gupta, Vaibhav Jain and Dr. Sadhana K. Mishra, “Face Detection in Skin Color Model using KNN and HBF enhancement technique”, International Journal of Engineering Technology and Applied Science (IJETAS), Vol.2, Issue 1, January 2016.
- Vaibhav Jain “Advanced Content Based Image Retrieval of User’s Interest using Interactive Genetic Algorithm” International conference on Advanced Information Communication Technology in Engineering (ICAICTE), held at the Technological Institute of Textile & Science, Bhiwani, Haryana on November 22-23, 2013, ISBN: 978-93-5137-638-5, Page no. 161-164.
- Vaibhav Jain, RoopaliSoni “Content Based Image Retrieval of User’s Interest using Interactive Genetic Algorithm: A Review” International conference on Emerging Trends in Engineering Technology & Business Management (ICEBM 2013), held at the Mumbai, on November 10th , 2013, ISSN -2341-2812, Page No. 31-35.
- Vaibhav Jain, Rajit Nair, Ratish Agarwal, Amit Bhagat, An Efficient Approach for Sentiment Analysis Using Regression Analysis Technique" published in International Journal of Computer Sciences and Engineering (UGC APPROVED) with E-ISSN: 2347-2693 Volume-7 , Issue-3 , Page no. 161-165, Mar-2019
- Book Chapter titled "A Proposed Method for Disruption Classification in Tokamak Using Convolutional Neural Network " published in Springer Book (Scopus) titled “Towards Extensible and Adaptable Methods in Computing”, pp.179-193, DOI: 10.1007/978-981-13-2348-5\_14, Nov., 2018.
- Vaibhav Jain, Chitra, Neera Batra, Jasmine Marriappan, Parveen Kumar Kaithal, “Autonomic Computing System: Threats, Security Issues and an Efficient Approach for SelfProtection” in Materials Today: Proceeding (Scopus), July 2021.

- Rajit Nair, Vaibhav Jain and Preeti Sharma Nair, Enhancing the Performance Measure of Sentiment Analysis Through Deep Learning Approach, International Journal of Computing and Digital Systems (Scopus), June 2022

**Patents:**

- Published an Australian Patent on “A Regression Analysis Based System for Sentiment Analysis and a Method Thereof” on 2021-05-27, with application no. 2021101792. The same was granted at later stage.

**International/National Conference & Workshops Attended:**

1. One day workshop on intellectual property rights(IPR) at RGPV Bhopal on 6th October, 2018
2. Three Days Workshop on Data Security and IPR at RGPV, Bhopal (29-05-2019 to 31-05-2019)

**FDP Attended:**

Attended more than 15 workshops/ FDPs at reputed institutes. Some of them are mentioned here.

1. Five days Faculty Development Program on BLOCKCHAIN at RGPV Bhopal (02-04-2019 to 06-04-2019)
2. One-week ISTE FDP on “Future Techniques in Cloud Computing, AWS and Google Cloud”, 22nd-26th Feb, 2022, Zeal College of Engineering, Pune.

**Awards/Recognitions:**

- Conferred with Young Scientist Award in 36th M.P. Young Scientist Congress organized by M. P. Council of Science and Technology, Bhopal (M.P.) in March 2021.
- Received Best Faculty Award 2014-15 by Srijan Technical Society, Bhopal in November 2016.

**Other Achievements:**

- JNCIA-Cloud Certification, April 2022.
- Oracle Cloud Foundation certification, Feb 2022.
- VMWare virtualization for certification, Dec 2021.

