

FACULTY PROFILE



Name: Dr. Avneesh Vashistha

Designation: Associate Professor & Head - CSE

E-Mail: hod.cse.ncr@srmist.edu.in

Professional Qualification:

2020 Ph.D.(Computer Science & Engineering) – Department of Computer Science & Engineering, Bhagwant University, Ajmer, India Ph.D. Thesis Title: Economic-Driven Model for Virtual Machine Allocation in Cloud Data Center.

2008 – 2010 - M.Tech(Computer Science & Engineering) – Department of Computer Science & Engineering, SRM University, Kattankulathur Campus, Chennai, India.

2002 – 2005 - PGDBM (Specialization in Information Technology) – Institute of Management Technology(IMT), Ghaziabad, India.

1999 – 2001- Master of Information Technology(MIT) – Chaudhary Charan Singh University, Meerut, India.

1996 – 1999 - Bachelor of Science(PCM) – Chaudhary Charan Singh University, Meerut, India.

Publications (Journals & Conferences):

P* – Patent, J* – Journal, C* – Conference

J7 – 2022 A. Vashistha ,C.M. Sharma, R.P Mahapatra, V.M Chariar, and N.Sharma . Sustainable Technical Debt-Aware Computing Model for Virtual Machine Migration (TD4VM) in IaaS Cloud, Wireless Communications and Mobile Computing (Wiley-Hindawi), Vol. 2022, pp-1-12, 2022,(SCIE- <https://doi.org/10.1155/2022/6709797>).

P2 – 2022 Premnarayan Arya, Rahul Kumar Chawda, Chandra Mani Sharma, Avneesh Vashistha, Arpankumar Govindbhai Rawal, and Sandeep Vasant Gaikwad. Machine Learning and IoT Enabled Smart Air Purifier for Checking the Quality and Purifying the Air is filled successfully, Application No.G11520DE, Patent Granted: Year 2022.

P1 – 2021 Avneesh Vashistha, Bhupesh Kumar Dewangan, and Tanupriya Choudhary. A Cost Effective Technical Debt-aware System for Virtual Machine Migration, Application No.202111009051, Patent Published: Year 2021.

J6 – 2020 A. Vashistha and P. Verma. Economic Driven Model for Virtual Machine Allocation in Cloud Data Center, International Journal on Emerging Technologies, Vol. 11, No 4, 2020.

C4 – 2020 A. Vashistha and P. Verma. A Literature Review and Taxonomy on Workload Prediction in Cloud Data Center 10th International Conference on Cloud Computing- Data Science & Engineering, (IEEE Press-SCOPUS), Noida, India, 2020.

J5 – 2019 A. Vashistha and P. Verma. Economic-Driven Strategies for Virtual Machine Allocation in Cloud Data Center, International Journal on Emerging Technologies, Vol. 10, No. 3, 2019. (SCOPUS)

J4 – 2018 A. Vashistha and N. Dwivedi. A Review of Cloud Simulation Tools, International Journal of Engineering Research & Management Technology, Vol. 5, No. 2, 2018

C3 – 2018 A. Vashistha, S.Kumar, P. Verma, R. Porwal. A Self-Adaptive View on Resource Management in Cloud Data Center. 8 th International Conference on Cloud Computing- Data Science & Engineering, (IEEE Press-SCOPUS), Noida, India, 2018.

J3 – 2015 A. Vashistha ,R. Porwal, A.K. Soni. A Taxonomy of Scheduling Algorithms for Cloud Computing, International Journal of Computer Science Issues, Vol. 12, No. 1, 2015.

C2 – 2015 A. Vashistha. Comparative Study of Cloud Simulation Tools. International Conference on Skill Development & Technological Innovations for Economic Growth, Ghaziabad, India, 2015.

C1 – 2014 A. Vashistha. Cloud Computing – An Extension of Grid Computing, International Conference on Advanced Developments in Engineering & Technology, Ghaziabad, India, 2014.

J2 – 2012 A. Vashistha and P. Ahmed. SaaS Multi-tenancy Isolation Testing-Challenges and Issues, International Journal of Soft Computing and Engineering, Vol. 2, No. 5, 2012.

J1 – 2008 A. Vashistha Host Mobility with Mobile IP, National Journal of IPEM Ghaziabad , Vol. 2, No. 2, 2008.

Workshops/Seminars/FDPs

- **2022** One Week FDP Advanced Security Analytics and Machine Learning, at SRMIST, Ghaziabad
- **2019** One Week FDP Big Data Analytics in collaboration with IBM, at IMS Ghaziabad
- **2018** One week FDP on “Cloud Computing”, organized by NPTEL-AICTE. 2017 FDP on “New Age Learning Engagement for New Age Learners”, at IMS Ghaziabad.
- **2017** International Conference on “Corporate Governance: Retrospect and Prospects”, at IMS Ghaziabad.
- **2016** Workshop on “Cloud Computing and Big Data Analytics”, at IPEM Ghaziabad.
- **2013** International Conference on “Reinventing Management Strategy: The Design for Future”, at IMS Ghaziabad.
- **2012** National Seminar on “Recent Trends in Software Technologies” organized by IT department, at ITS Mohan Nagar, Ghaziabad.
- **2012** FDP on “Manthan-Proliferating Knowledge” at Dewan Management Institute, Meerut.
- **2008** Workshop on “Agile Software Development Methodology” organized by CSI and RKGIT at RKGIT, Ghaziabad.
- **2007** Workshop on “ITIM” organized by IBM at MIET, Meerut.

Work Experience: 21+ Years

October 2023 – Present - Associate Professor – Department of Computer Science and Engineering, SRM-IST (Deemed to be University), Delhi-NCR Campus, Ghaziabad, India.

Feb. 2023 –September 2023- Associate Professor & Head – Department of Computer Science and Engineering, Geeta University, Panipat, Haryana, India.

July 2021 – Feb. 2023 - Assistant Professor – Department of Computer Science and Engineering, SRM-IST (Deemed to be University), Delhi-NCR Campus, Ghaziabad, India.

Jan. 2013 – July 2021 - Assistant Professor – Department of Information Technology, IMS Ghaziabad, India.

May. 2010 – Jan.- 2013 Assistant Professor – Department of Computer Application, Dewan Institute of Management Studies, Meerut, India

Aug. 2007 – Sep. 2008 - Assistant Professor – Department of MCA, Institute Of Professional Excellence And Management (IPEM), Ghaziabad, India

June 2006 – July 2007 - Assistant Professor – Department of Computer Application, Dewan Institute of Management Studies, Meerut, India

May. 2002 – May. 2006 Lecturer – Department of Information Technology, CIT, Meerut, India
May. 2001 – Apr. 2002 Software Developer – Global Infosystems, Ghaziabad, India

Professional Memberships:

- IEEE