

# CURRICULAM VITAE

**Dr. Agnivesh**

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## **Professional Experience**

- From July 2005 – Till Date  
Working as Assistant Professor (CSJM University Approved), Department of Information Technology & Computer Science, D.A-V. College, Kanpur
- Teaching Pre-Ph.D. Coursework, since 2021, C.S.J.M. University, Kanpur

## **Book Editor**

Editor of the book “**Internet of Medical Things (IoMT) and Telemedicine: Frameworks and Applications**” published by IGI Global, in the year 2023, Scopus and WoS (Web of Science) Indexed, ISBN: 978-1-6684-3533-5.

## **Scopus Indexed Research Papers and Chapters Published**

- Elective Recommendation Support through K-Means Clustering Using R Tool, Proc. of IEEE International Conference on Computational Intelligence and Communication Networks (*CICN - 2015*). Web<<http://www.cicn.in/Proceedings.html>>. ISBN 978-1-5090-0076-0.
- Advance diagnosis of MSMEs turning into NPAs through intelligent techniques: an Indian Perspective. International Conference on Communication and Computing Systems (ICCCS-2016). Publisher CRC Press Taylor & Francis Group. ISBN 978-1-1380-2952-1.
- Improved K-means MapReduce Algorithm for Big Data Cluster Analysis, International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-8, Issue-8, June 2019.
- Enhancing K-means Multidimensional Big Data Clustering using R on Cloud, International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume-8, Issue-7, May 2019.
- Book Title: Internet of Medical Things (IoMT) and Telemedicine: Frameworks and Applications; Chapter Title: Prenatal Healthcare Framework using IoMT Data Analytics. ISBN: 978-1-6684-3533-5, DOI: 10.4018/978-1-6684-3533-5.ch004
- Book Title: Exploring Enterprise Service Bus in Service Oriented Architecture Paradigm; Chapter Title: Service Oriented Framework for Advance Diagnosis of MSMEs turning into NPAs – An Indian Perspective. ISBN 13: 9781522521570, ISBN 10: 9781522521570, DOI: 10.4018/978-1-5225-2157-0

## **Professional Qualifications**

Ph.D. (Information Technology) from Amity University, Uttar Pradesh, 2020

M.Tech. (Information technology), KSOU, Mysore, 2011

M.Sc. (Information technology), Ch. Charan Singh University, Meerut, 2001

## **Ph.D. Topic of Research**

- Analysis of K-Means Multidimensional Big Data Clusters through Cloud

## **Proposed Book for Editing**

- Connected Realms: Navigating the Internet of Everything and Artificial Intelligence

## **Research Interests**

Big Data Analytics, Cloud Computing, IoT, Artificial Intelligence

## **Reviewing Research Papers of Esteemed Journals**

- Member of Editorial Review Board of International Journal of Digital Crime and Forensics (IJDCF), IGI Global, Indexed In: Web of Science Emerging Sources Citation Index (ESCI), SCOPUS, Compendex (Elsevier Engineering Index), INSPEC [and 14 more indices](#).
- Reviewer of research papers of Journal of Big Data, Springeropen.com, <https://journalofbigdata.springeropen.com/>

## **Professional Achievements**

- Coordinator (Cyber Security), D.A-V. College, Kanpur
- Presented a research paper entitled Determining Minimum Support Price for Crops using AI: Indian Perspective in the National Seminar on Artificial Intelligence: Scope and Application organized by B.N.D College, Kanpur , sponsored by Department of Higher Education, Uttar Pradesh
- Member of RIMS (Research Information Management System) of RDC Cell, D.A-V. College, Kanpur, 2023
- Coordinator, Steering Committee for Implementing NEP-20, Self-Finance, D.A-V. College, Kanpur, 2023
- Member of Board of Studies, Information Technology, CSJM University, Kanpur, 2021.
- Prepared syllabus of Information Technology (NEP-20) of CSJM University, Kanpur.
- Awarded by Ministry of Education Innovation Cell, Ministry of MSME, Ministry of Information and Broadcasting and AICTE for exceptional contribution as a primary evaluator in ‘**Toycathon, 2021**’.

- Successfully participated in Microsoft India & SAP India led Faculty Development Programme on **Artificial Intelligence** under TechSaksham program from 11<sup>th</sup> April, 14<sup>th</sup> April and 15<sup>th</sup> April 2022.
- Participated and completed successfully AICTE Training and Learning (ATAL) Academy Online Faculty Development Programme on **Quantum Computing** from 13-12-2021 to 17-12-2021 at Amity University, Lucknow Campus, Uttar Pradesh.
- Participated and completed successfully AICTE Training and Learning (ATAL) Academy Online Faculty Development Programme on **Artificial Intelligence** from 2021-1-11 to 2021-1-15 at Amity University, Lucknow Campus, Uttar Pradesh.
- Presented Research papers at various International and National Conferences.
- Invited and assigned by P.P.N. College, Juhari Devi Girls Degree College, Armapore P.G. College, S.N. Sen P.G. College and D.A-V. P.G. College to teach Pre-Ph.D. classes of C.S.J.M. University, Kanpur, 2015 and 2019 batches.
- Prepared Unified Syllabus of B.Sc. (Information Technology) and B.Sc. (Computer Application) for all universities of Uttar Pradesh.
- Working as Department-Incharge and managing all related works of the department of IT and CA, DAV College, Kanpur for the last 10 years.
- Appointed as examiner at Mary Jesus Education Centre, Barra, Kanpur for ICSE Board Class XII Computer Science Practical Examinations in the year 2017, 2018 and 2019.
- Participated and scored 80% in National Level COVID-19 awareness online exam organized under Unnat Bharat Abhiyan Project, Ministry of HRD, Govt. of India.
- CSJM University appointed examination paper setter, examination's copies evaluator and external examiner of practical examinations at various degree colleges for the last few years.
- Appointed as examination paper setter and examiner of copies for PGDCA Examination 2007, 2008 of Mahatma Gandhi Gramodaya Vishwavidyalaya, Chitrakoot.
- Appointed as Evaluator of Examination's copies by UP Rajarshi Tandon Open University examination 2010.
- Acted as Technical Expert in Interview Panel under the Ministry of Human Resource and Development, Jawahar Navodaya Vidyalaya, Kanpur Dehat.

### **Knowledge of Big Data Analytics Tools**

- Google Colab
- Hadoop
- Amazon EMR
- RStudio Server
- Azure HDInsight

### **Knowledge of Business Intelligence Tools**

- Tableau
- Power BI

### **Subjects Taught**

- Information Security and Cyber Laws
- E-Commerce
- AI and Data Science
- Database Management System
- Software Engineering
- Data Mining and Data Warehouse
- Operating System
- Web technology
- Computer Networks

### **Programming Language**

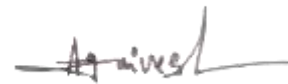
Java, ASP.Net, My SQL, C/C++, VB, JSP, HTML, CSS, Python

Declaration:

*“I hereby declare that the information furnished above is true to the best of my knowledge and belief.”*

Date: 23.09.2024

Place: Kanpur



Dr. Agnivesh