

# 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, D.A-V. College, Kanpur

## **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: 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

### **Book Editor:**

Editor of the book “**Internet of Medical Things (IoMT) and Telemedicine: Frameworks and Applications**” to be published by IGI Global (will be submitted to Scopus and WoS (Web of Science) Indexing).

### **Proposed Book for Editing:**

- A handbook for resilient Cyber-Physical System

### **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/>

### **Patents Proposed through collaboration at Amity University, Lucknow Campus:**

- Prenatal Healthcare System using Internet of Medical Things Data Analytics.

## **Professional Achievements:**

- 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**’.
- Taught Pre-Ph.D. Coursework class, session 2021, at CSJM University Campus, D.A-V. College and P.P.N. College, Kanpur.
- 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.
- Prepared syllabus of Information Technology (NEP-20) of CSJM University, Kanpur.
- 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.

**Educational Qualifications:**

| Class`       | Board/University                      | Subjects                                       | Division |
|--------------|---------------------------------------|--|----------|
| B.Sc.        | M.J.P Rohilkhand University, Bareilly | Physics, Maths, Chemistry                      | I        |
| Intermediate | C.B.S.E                               | Maths, Physics, Chemsitry, Biology, English    | I        |
| High School  | C.B.S.E                               | Maths, Science, Social Studies, Hindi, English | I        |

**Knowledge of Big Data Analytics Tools**

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

**Knowledge of Business Intelligence Tools**

- Tableau
- Power BI

## **Teaching Activities**

### **A. Subjects Taught**

- Database Management System
- Software Engineering
- Computer graphics
- Operating System Principles
- Operations Research
- Computer Communication

### **B. Programming Languages**

ASP.Net, C#, SQL Server, C/C++, VB, Net Beans, Python

## **Personal Information**

Address : G-105, Yog Tower, Civil Lines, Kanpur  
Father's Name : Shri. Amar Kumar Pandey  
Mother's Name : Late Smt. Meera Pandey  
Date of Birth : 13<sup>th</sup> February, 1975  
Contact No : 9794019465, 9598590156 (WhatsApp)

Declaration:

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

Date: 21.08.2022

Place: Kanpur



Dr. Agnivesh