

R E S U M E

Rajesh Mahule

Assistant Professor
Department of Information Technology
SoS of Engineering & Technology
Guru Ghasidas University, Bilaspur
Chhattisgarh, India. Pin 495009



Educational Qualification

Ph.D. from Department of Information Technology, Indian Institute of Information Technology Allahabad (IIIT -Allahabad), Prayagraj (U.P)

Teaching Experience

- 21 Years 1 Months as **Asstt. Professor** in the Department of Information Technology, **Institute of Technology, Guru Ghasidas Vishwavidyalaya Bilaspur (C.G)** [as on date **26.09.2022**].
- 9 Months as **Sr. System Analyst** at **Chhatrapati Shivaji Institute of Technology, Durg (C.G)**.
- 2 Years 3 Months as **Asstt. Professor and In-charge Head** in the **Department of Computer Science, D. P. Vipra College, Bilaspur (C.G)**
- 3 Academic sessions as **Academic Subject Counselor** for different subjects at Regional Study Centre, Bilaspur(C.G) of **M. P. Bhoj Open University, Bhopal (M.P)**.
- 2 Years as **Course Coordinator** MCA & BCA courses at Regional Study Centre, Bilaspur (C.G) of **M. P. Bhoj Open University, Bhopal (M.P)**.
- 1 Year 9 Months as a **Faculty, Centre Academics Head & Centre Manager** at **Aptech Computer Education** Manendragarh (C.G).

Academic & Administrative Work Experience

- **Criteria Coordinator, Criteria – VII** - Institutional values and Best practices, **AQAR / SSR** preparation for NAAC assessment.
- **Convener, HEFA Cell.**
- Delivered talk as a **Resource Person** in the 2nd International E-Conference on Emerging Trends in Computer Science organized by Government V.B.S.D. Girls PG College, Jashpur, Chhattisgarh during December 18 – 19, 2021.
- **In-charge, Admissions / Coordinator / Member Admission Committee** for B.E. / B.Tech. admission in Institute of Technology GGU Bilaspur 2001 – 2021 (excluding 2012 – 2014)

- **Member B. Tech. ordinance** (as per NEP 2020) **draft preparation committee**, 2022
- **Convener, CBCS implementation committee** for B. Tech. Course in SoS Engineering & Technology, 2015
- **Member State Level Coordination Committee for Knowledge Sharing Programme [Online mode]** under the C.G. Govt. CHiPS (Chhattisgarh Infotech & Biotech Promotion Society) project 2007
- **In-charge, E-class room** setup at Institute of Technology building 2004 -2011
- **In-charge, University Auditorium**, 2008 – 2011
- **Co-Coordinator, Central Valuation Committee** for B. Tech End Semester Examination Copy Evaluation
- **Centre Superintendent / Assistant Centre Superintendent, Exam Centre – 84** SoS of Engineering & Technology (formerly known as Institute of Technology), for different academic year examinations.
- **Nodal officer, Sharing of Good Practices** – to implement the Gist of observations made by Hon'ble President of India as visitor of Central universities, 2015 - 2017
- **Member Board of Studies**, B. Tech. (Information Technology Branch), 2009 – 2012.
- Worked as **Project Guide** for student undergoing various projects (major and minor) in B.E. / B. Tech, MCA, BCA, PGDCA, and DCA courses.
- Design and setup of **Computer Laboratory** with general troubleshooting of Hardware along with cabling, installation and administration of networks.
- **Booklets development**, basically FAQ sheets, on how to best use the standard programs that I had developed.

Areas of Interest

Linked Open Data, Semantic Web, Object Oriented Programming, Data Mining, Machine Learning, System Analysis & Design,.

Research Focus

Exploring Linked Open data Cloud mining, Machine Learning

PhD thesis Work

Exploring Linked Open data Cloud mining with special emphasis on feature vector generation. Completed in year 2020, under the guidance of Prof. O.P. Vyas from IIIT - Allahabad.

Papers Published

1. Towards Knowledge Discovery in interlinked heterogeneous datasets of LOD cloud. R.MAHULE, RANJANA VYAS, OP VYAS. Romanian Journal of Information Science and Technology. Vol. 23 (1), 55-68, 2020. **[SCI Indexed Journal]**
2. Leveraging linked open data information extraction for data mining applications. R MAHULE, OP VYAS. Turkish Journal of Electrical Engineering and Computer Sciences. Vol. 24 (6), 4874-4884, 2016. **[SCI Indexed Journal]**
3. Performance evaluation of distance measures for preprocessing of set-valued data in feature vector generated from LOD datasets. Rajesh Mahule; Akshendra Garg; Nitesh Kumar; Om Prakash Vyas 2015 IEEE UP Section Conference on Electrical Computer and Electronics (UPCON) Year: 2015. Pages: 1 - 5, DOI: 10.1109/UPCON.2015.7456692. **[IEEE Conference Publications]**
4. Integration of service oriented WSN and IoT for E-Commerce. Nidhi Kushwaha; Rajesh Mahule; Akhilendra Pratap Singh; O P Vyas; Bharat Singh. 2nd International Conference on Computing for Sustainable Global Development (INDIACom), 2015. Year: 2015. Pages: 1731 – 1736. **[IEEE Conference Publications]**
5. Keyword Prediction with ARM on Bibliographic RDF Data. N Kushwaha, B Singh, R Mahule, O P Vyas. Procedia Computer Science 50, 490-495, 2015 **[Elsevier Science Direct Proceedings]**
6. Towards a Scalable Approach for Mining Frequent Patterns from the Linked Open Data Cloud. R Mahule, OP Vyas. Advanced Computing, Networking and Informatics-Volume 1, 137-144, 2014 **[Springer Conference Proceedings]**
7. Utilizing DBpedia via CBR Approach of Recommender System N Kushwaha, Rajesh Mahule, O P Vyas. Int J Adv Innovat Thoughts Ideas 2 (148), 2277-1891.1000, 2013 **[International Journal]**
8. Using Semantics of Linked Open Data Cloud for Explication of recommender System. N Kushwaha, B Singh, R Mahule, O P Vyas. Proceedings on ComNet CIIT & ITC, Elsevier Mumbai India pp. 357-364, 2013. **[Elsevier Proceedings]**
9. Participated and Presented paper “A Model for efficient and secure outsourcing Database Services” during the Tenth Conference of International Academy of Physical Science (CONIAPS- X) Organized by Guru Ghasidas Univeristy Bilaspur (C.G) January 12 – 14 2008. **[International Conference Proceedings]**

Short term Course & Training Programs Attended

1. One Week online AICTE recognized FDP on Outcome based Curriculum design, conducted by Curriculum Development Centre Department, NITTTR Chandigarh during September 5 - 9 , 2022.
2. One Week online AICTE recognized FDP on Cyber Threats & Security Measures, conducted by Information management & Emerging Engineering Department, NITTTR

Chandigarh during July 22 – 29, 2022.

3. One Week online AICTE recognized FDP on Cyber Crime & Forensic Tools, conducted by Information management & Emerging Engineering Department, NITTTR Chandigarh during May 23 – 27, 2022.
4. One Week online Training Programme on Language Documentation organized by Scheme for Protection and Preservation of Endangered Languages (SPPEL) during March 21-29, 2022 held virtually at Central Institute of Indian Languages (CIIL), Mysuru, Karnataka, India.
5. One Week Online Workshop on Scheme for Facilitation Intellectual Property Protection jointly organized by Research & Development Cell, SoS(E&T) and Skill Development Cell, GGV, Bilaspur, on date October 18-23, 2021.
6. AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Interdisciplinary Smart Application of Internet of Things, Cloud Computing and Data Analytics Technologies" from 04-10-2021 to 08-10-2021 at School of Studies in Engineering and Technology GGV Bilaspur.
7. One Week Online Workshop on SKILL DEVELOPMENT FOR TECHNOLOGY TRANSFER jointly organized by Research & Development Cell, SoS(E&T) and Skill Development Cell, GGV, Bilaspur, (C.G), India on dated September 13-18, 2021.
8. Training Seminar for NAAC accreditation 19 -21 July 2021 organized by InPods Ed-tech
9. One week FDP on Machine Learning based Applications during 31 May – 06 June 2021 organized by Shreyas Institute of Engineering & Technology, Hyderabad.
10. Five days (one week) online workshop on "Emerging Trends in Robotics:", duration July 15 - 25, 2020 organized by Manipal Institute of Technology, Manipal Karnataka.
11. One week online FDP on "Accreditation to Engineering & Professional Ethics", duration July 8 - 12, 2020 organized by GEC Nagpur.
12. Participated in the 24th UGC Sponsored Orientation program from 10-06-2019 to 29-06-2019 organized by UGC HRDC Centre, Guru Ghasidas Vishwavidyalaya, Bilaspur.
13. Participated in Symposium cum Workshop on IT Innovations for Smart City & Research Colloquium in Information Technology, Electronics & Communication, organized by IIIT-Allahabad during March 14-15, 2015.
14. Participated in short term course on Oracle 9i of one week duration, organized by Government of Chhattisgarh & IIT-Kanpur as a part of IITK-Chhattisgarh Govt. MoU for knowledge Sharing during December 10 – 15, 2006.
15. Participated in short term course on Digital Signal Processing of one week duration, organized by Government of Chhattisgarh & IIT-Kanpur as a part of IITK-Chhattisgarh Govt. MoU for knowledge Sharing during July 17 – 21, 2006.
16. Participated in short term course on Computer Network of one week duration, organized by Government of Chhattisgarh & IIT-Kanpur as a part of IITK-Chhattisgarh Govt. MoU for knowledge Sharing during December 10 – 15, 2006.
17. Participated in the 10 days Training Program for E-Classroom Facilitator at IIT-Kanpur

during November 16 – 25, 2003.

18. Participated in a 03 day (dot) Net Technology Appreciation Program, jointly conducted by Microsoft Corporation and NIIT Ltd.

Sports and other activities

- Participated in District level Inter University Badminton Competition, Session 1990-91.
- Participated in Division level Inter School Ball - Badminton Competition, Session 1988-89.
- Participated in State level Junior Ball-Badminton selection Trials for M. P. State, during December 13 – 14, 1986.

Personal Profile

Name	Dr. Rajesh Mahule
Fathers Name	Late Shri M. L. Mahule
Date of Birth	February 12, 1971
Marital status	Married
Total Work Experience	Twenty Five Years and Nine months
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