

RESUME

Rajesh Mahule

Assistant Professor
Department of Information
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Institute of Technology
Guru Ghasidas Central University
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495009



Educational Qualification

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

Teaching Experience

- 21 Years 9 Months as **Asstt. Professor** in the Department of Information Technology, **Institute of Technology, Guru Ghasidas Vishwavidyalaya Bilaspur (C.G) [in continuation till date 09-052022]**.
- Months as **Sr. System Analyst** at **Chhatrapati Shivaji Institute of Technology, Durg (C.G)**.
- Years 3 Months as **Asstt. Professor** and In-charge Head in the **Department of Computer Science, D. P. Vipra College, Bilaspur (C.G)**
- Academic sessions as **Academic Subject Counsellor** for 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 **AQAR / SSR** preparation for NAAC assessment.
- Convenor, **HEFA Cell**, Guru Ghasidas Vishwavidyalaya
- Member **B.Tech. ordinance** (as per NEP 2020) **draft committee**, 2022
- Convenor, **CBCS implementation committee** for B.Tech. Course in SoS Engineering & Technology, 2015
- Member **State Level Coordination Committee for Distance Learning Education [Online]** Program under the CHIPS (Chhattisgarh Infotech & Biotech Promotion Society) project. 2007

- In-charge, **E-class room**, Institute of Technology, Guru Ghasidas Vishwavidyalaya Bilaspur, 2004 -2011
- In-charge, **University Auditorium, Guru Ghasidas Vishwavidyalaya** Bilaspur, 2008 – 2011
- Co-Coordinator, **Central Valuation Committee** for B. Tech End Semester Examination Copy Evaluation
- Centre Superintendent / Assistant Centre Superintendent, **Exam Centre – 84** SoS Engineering & Technology
- Nodal officer, **Sharing of Good Practices**
- Member **Board of Studies** for B.Tech. (Information Technology Branch) Guru Ghasidas Vishwavidyalaya Bilaspur 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.
- In-charge, Admissions / Coordinator / Member **Admission Committee** for B.E. / B.Tech. admission in Institute of Technology GGU Bilaspur 2001 - 2021
- Produced small **booklets**, 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 Analysis & Design, Data Mining, Machine Learning, System Analysis & Design, Object Oriented Programming.

Research Focus

Exploring Linked Open data Cloud mining, Machine Learning, Block Chain Technologies

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.

Short term Course & Training Programs Attended

1. 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.
2. 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.

3. 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.
4. Training Seminar for NAAC accreditation 19 -21 July 2021 organized by InPods Ed-tech
5. One week FDP on Machine Learning based Applications during 31 May – 06 June 2021 organized by Shreyas Institute of Engineering & Technology, Hyderabad.
6. Five days (one week) online workshop on "Emerging Trends in Robotics:", duration July 15 - 25, 2020 organized by Manipal Institute of Technology, Manipal Karnataka.
7. One week online FDP on "Accreditation to Engineering & Professional Ethics", duration July 8 - 12, 2020 organized by GEC Nagpur.
8. 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.
9. Participated in the 10 days Training Program for E-Classroom Facilitator at IIT-Kanpur.
10. Participated in short term course on Computer Network of one week duration, conducted by IIT- Kanpur.
11. Participated in short term course on Digital Signal Processing of one week duration, conducted by IIT-Kanpur.
12. Participated in a 03 day (dot) Net Technology Appreciation Program, jointly conducted by Microsoft Corporation and NIIT Ltd.
13. Participated in short term course on Oracle of one week duration, conducted by IIT-Kanpur.

Papers Published

1. Blockchain Based Smart and Secure Agricultural Monitoring System, N. R. Pradhan, A. P. Singh and R. Mahule, *2021 5th International Conference on Information Systems and Computer Networks (ISCON)*, 2021, pp. 1-6, doi: 10.1109/ISCON52037.2021.9702487. **[IEEE Conference Publications]**
2. 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]**
3. 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]**
4. 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]**
5. 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]**

6. Keyword Prediction with ARM on Bibliographic RDF Data. N Kushwaha, B Singh, R Mahule, OP Vyas. Procedia Computer Science 50, 490-495, 2015 **[Elsevier Science Direct Proceedings]**
7. 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]**
8. Utilizing DBpedia via CBR Approach of Recommender System N Kushwaha, Rajesh Mahule, OP Vyas. Int J Adv Innovat Thoughts Ideas 2 (148), 2277-1891.1000, 2013 **[International Journal]**
9. 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]**
10. 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]**

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.

Major Projects Handled

Insurance Claim System

Designed and developed Insurance Claim System for Inward Goods Department – Shipping, Indian Telephone Industries Limited Mankapur Dist. Gonda (U. P.) in COBOL language on Mainframe platform using MVS Operating System.

Examination Seating Arrangement System

Designed and Developed Examination Seating Arrangement System for Dwarika Prasad Vipra Post Graduate College, Bilaspur. This is an On-line system for taking out the seating plan for hundreds of students appearing in an examination as per the student Class, Subject and Seating facilities available in various rooms.

Student Information Management System

Designed and Developed for Dwarika Prasad Vipra Post Graduate College, Bilaspur, this system is an On-line Information System for the management to keep the student record updated (also used for recording Admission / Cancellation) and answer to various queries put up by the management, students, the different external bodies like UGC and other Govt. , Non-Govt. Organizations.

Preparation of Static Web pages for C S I T – Durg

Chhatrapati Shivaji Institute of Technology Durg was setting up a Web site to make different information available about the Institute to the public seeking admission and their day-to-day queries. This site had a number of static Web pages and developed and designed by me using tools like HTML, MS-Word, Coreldraw, Photopaint etc.

Personal Profile

Name	Rajesh Mahule
Fathers Name	Lt. Shri M L Mahule
Date of Birth	12 - 02 - 1971
Marital status	Married
Total Work Experience	Twenty Five Years and Four months
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