


Title	Mr.	Name	Lokesh Rathore		Photograph
Subject		Computer Science and Information Technology			
Highest Qualification		Ph.D. (Computer Science) Pursuing			
Working Place		Institute of Computer Science, Vikram University Ujjain			
Designation		Guest Faculty (since 2011)			
Address		H-4/18, EWS Rishinagar Ujjain (MP) Pin code- 456010			
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Mobile		9425034034			
E-Mail		<a href="mailto:Lrsir@yahoo.com">Lrsir@yahoo.com</a>			
Date of Birth		14 / 11 / 1978	Category	OBC	

### Educational Qualifications

<b>Degree</b>	<b>Institution</b>	<b>Year</b>
Ph.D. (Computer Science & Engineering)	Vikram University Ujjain	Pursuing
M.Tech. (Information Technology)	Karnataka State Open University Mysore	2013
M.C.A. (Computer Application)	Oriental Institute of Science & Technology Bhopal affiliated to Rajiv Gandhi Technical University Bhopal	2004
B.Sc, (Science with Maths)	Govt. Madhav Science College Ujjain affiliated to Vikram University Ujjain	2000

### Career Profile

<b><u>Organization</u></b>	<b><u>Designation</u></b>	<b><u>Duration</u></b>	<b><u>Role and Responsibilities</u></b>
Institute of Computer Science, Vikram University, Ujjain	Guest Faculty	Since 2011- Continued (14 years)	<ul style="list-style-type: none"> <li>• Teacher and Teaching Computer subjects to classes BCA, BSC-CS, MSc(CS/DS/IT/AI), MCA, Certificate Course, Diploma and PGDCA</li> <li>• Practical work to students in computer lab</li> <li>• Project guide and Website / software development training provided to students</li> <li>• Website and IT Cell Coordinator and Website developer of the department (<a href="https://icsvvu.in">https://icsvvu.in</a>)</li> <li>• MCA Coordinator (up to 2023)</li> <li>• BCA Coordinator</li> <li>• Coordination and Preparation of UTD-CBCS Semester Results</li> <li>• Coordinating the work of Admission, Enrolments, Fees, Examination, Results and scholarship</li> <li>• Supporting role in Computer Centre and On Line Cell, Vikram University, Ujjain</li> <li>• Supporting role for handling Vikram University Website</li> <li>• Supporting role for uploading results on Vikram University's Web site</li> </ul>

School of Engineering Technology, Ujjain	Visiting Faculty	2012-2014 (2 Years)	As a teacher, taught computer subjects to B.Tech. Students
Govt. Madhav Science College, Ujjain	Guest Faculty	2008-2010 (3 Years)	As a teacher taught computer subjects to B.Sc. (Comp. Sci./ Comp. App. / I.T.) and MSc (Chemistry) Students as well as responsible for computer Lab maintenance
Govt. Girls PG College, Ujjain	Guest Faculty	2007-2008 (1 Year)	As a teacher taught computer subjects to B.Sc. (Comp. Sci.) and B.Com. (Comp. App.) Students as well as responsible for computer Lab maintenance
Govt. Madhav Science College, Ujjain	Guest Faculty	2006-2007 (1 Year)	As a teacher, taught computer subjects to B.Sc. (Comp. Sci.) Students as well as responsible for computer Lab maintenance
Govt. Neharu PG College, Agar Malwa	Guest Faculty	2005-2006 (1 Year)	As a teacher taught computer subjects to B.Sc. (Comp. Sci.) and B.Com. (Comp. App.) Students as well as responsible for computer Lab maintenance
Advance College	Visiting Faculty and Project Trainer	2008-2011 (3 Years)	Provide project training to students and develop website for college and maintenance
MAIPS Ujjain	Visiting Faculty	2007-2008 (1 Year)	Taught computer subjects
Maharaja College Ujjain	Visiting Faculty	2006-2007 (4 Months)	Taught computer subjects
Makhanal Chaturvedi University Bhopal	Practical Examiner & Member of Flying squad	2012-2018	Took viva as an external examiner and check students for UFM during examination

### Area of Interest/ Specialization

Website and software development, Artificial Intelligence with Deep Learning

### Subjects Taught

Artificial Intelligence, Computer Architecture, DBMS, Data Structure, Operating System, Computer Networking, Website and Software development languages- C, C++, C#, Java, Python, VB.NET, ASP.NET, HTML, CSS, and JavaScript

### Software and Web development

- Developed a software for M/S EAST AFRICAN INDIA REMEDIES PVT.LTD, New Delhi, titled “Medical Inventory Automation” in the year 2003 during MCA course.
- Developed a software for NICT, Indore, titled “Computerization of operation of Gram Panchayat- Gram Panchayat Prashashnic Pranali” in the year 2004 during MCA course.
- Developed and distribute more than 100 minor and major projects coded in VB6, VB.NET, ASP.NET, JSP, PHP and training to students.
- Developed and manage website for Advance college Ujjain during year 2016-2021.

- Developed and manage website for Institute of Computer Science, Vikram University Ujjain. (<https://icsvvu.in>) Year 2021.
- Developed web tool to create dataset for Handwritten digits.
- Developed web tool for Handwritten digit recognition with the help of CNN model.

## Publication Profile

### Research Papers:

1. Lokesh Rathore, “An overview of performances of Neural Network models in the context of Neurobiological basis of the human learning”, National Conference on “Emerging Trends in Computing Technologies” organized by School of Engineering and Technology, Vikram University, Ujjain
2. Lokesh Rathore & Ramji Yadav, “Advancements in Handwritten Digit Recognition: A Literature Review of Machine Learning and Deep Learning Approaches”, International Journal for Research in Applied Science & Engineering Technology, ISSN:2321-9653, Vol.11 Issue VIII aug 2023 pp-1879-1883
3. Dr. Ramji Yadav and Lokesh Rathore, “Handwritten Digit Recognition: An Extensive Review of Models and Applications in the Digital Era”, International Journal of Emerging Technologies and Innovative Research(JETIR), ISSN: 2349-5162, Web link: <https://www.jetir.org/view?paper=JETIR2408546>, Volume 11, Issue 8, Page No:e414-e416 , August 2024.
4. Lokesh Rathore & Ramji Yadav, “Comprehensive Study Of Machine Learning Techniques And Neural Networks For Handwritten Digit Recognition: Methods, Algorithms And Datasets”, International Journal Of Research In Computer Applications And Robotics (IJRCAR), ISSN: 2320-7345, DOI:10.5281/zenodo.13738317, Volume 12, Issue 9, Page No: 1-6, September 2024.
5. Lokesh Rathore & Ramji Yadav, “Fundamental Libraries to Train Handwritten Digit Recognition Models”, International Journal Of Innovative Research In Technology(IJIRT), ISSN: 2349-6002, Web link: <https://ijirt.org/Article?manuscript=169477>, Volume 11, Issue 6, Page No: 1091-1096, November 2024.
6. Lokesh Rathore & Ramji Yadav, “Handwritten digit recognition: Comparative Analysis of Machine learning and Deep learning Algorithms on the MNIST dataset”, 1st National Conference on Emerging Trends in Science, Technology, Engineering & Management(NCET-STEM-25) Organized by G H Raison International Skill Tech University, Pune on 07th & 08th March-2025.

### Research Guidance

- Doing Ph.D. under the Guidance of Dr. Ramji Yadav Sr. Lecture at Institute of Computer Science, Vikram University Ujjain.

### Conferences / Seminars / Workshop etc. Attended

- National Seminar on “Security & Privacy for Emerging Areas in Communication Networks” organized by Institute of Computer Science, Vikram University, Ujjain, 28<sup>th</sup> Feb. to 1<sup>st</sup> March 2007.
- National Conference on “Emerging Trends in Computing Technologies” organized by School of Engineering and Technology, Vikram University, Ujjain, 26<sup>th</sup> & 27<sup>th</sup> Aug. 2014.

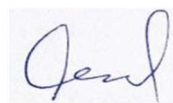
- National Conference on “Innovation in Management & Computer Science” organized by Advance College of Science & Commerce, Ujjain, 31<sup>st</sup> Jan.-2015.
- National Conference on “Recent Trends in Physical, Chemical & Environmental Sciences” organized by Advance College of Science & Commerce, Ujjain, 21<sup>st</sup> March 2016.
- One day International Seminar on “Youth Ness for Cyber wellness(Y20) organized by IQAC, Vikram University Ujjain. 12 Sep.2023.
- National Conference on Emerging Trends in Science, Technology, Engineering & Management(NCET-STEM-25) Organized by G H Raisoni International Skill Tech University, Pune on 07th & 08th March-2025.
- Two day workshop on Library Management System “e-Granthalaya”, organized by Maharaja Jivajirao Library, Vikram University Ujjain in association with NIC, Raj Bhawan, Bhopal during 19<sup>th</sup>-20<sup>th</sup> July, 2024.
- International Conference on “ Artificial Intelligence in Health Care” organized by Institute of Computer Science, Vikram University, Ujjain, 21<sup>st</sup> Feb. 2025.

### Other Activities

- Coordinating various activities of the “Website and IT Cell as a Cell” Coordinator at Institute of Computer Science, Vikram University Ujjain
- Mentorship of the startup “Project Trainer & Developer” at Institute of Computer Science, Vikram University Ujjain
- Technical Coordinating in “36<sup>th</sup> M.P. Young Scientist Congress” during March 23-26, 2021 on virtual platform hosted by Vikram University Ujjain
- Technical organizer of International Webinar- “Future of work is Distracted Post COVID World in context of AI, Automation and People” conducted by Institute of Computer Science, Vikram University Ujjain
- Participating in one week FDP on “Recent trends in Cognitive Science and its application from March 13-18, 2024
- Participating in online FDP on “Skill development and office automation” from Dec. 27-30 2022.
- Participating in IP Awareness / Training program under National Intellectual Property Awareness Mission on Feb 9,2023 organized by “Intellectual PropertyOffice, India.
- Expert lecture taken at Police Training School(PTS) Ujjain on Cyber Security
- Expert lecture taken at Govt. Madhav Science College Ujjain on ASP.NET
- Panchayat duty in Election 2022 duty, Nagar Nagam Election Duty and Loksabha 2024 Election duties Panchayat Election2022, Nagariy Nikay Election 2022 and Loksabha Election 2024 for for distributing & receiving election materials.
- Coordinator in “40<sup>th</sup> M.P. Young Scientist Congress” during March 27-29, 2025 organized by Vikram University Ujjain.

Date: 31.03.2025

Place: Ujjain



(Lokesh Rathore)