

# Curriculum Vitae

**Name:** Mr. Rahul Bhagwat Mapari

**Address:** Saptashrunji Housing Society, Plot No. P-10/8, N-7, Cidco, Aurangabad(MS), India-431005

**E-mail:** [rahul.mapari@mit.asia](mailto:rahul.mapari@mit.asia)/rahulmapari@gmail.com

**Mobile:** +919028084446/+918275341200

**Date of Birth:** 8<sup>th</sup> January, 1984



## Academic Credentials

Class/ Degree	Specialization	Institution	University	Year	%/CGPA	Class
Ph.D.	Medical Image Processing (Computer Science and Engineering)	Dr. B.A.M.U. Aurangabad	Dr. B.A.M.U. Aurangabad	Perusing	Perusing	
M.E./ M. Tech.	Computer Science and Engineering	MGMCOE, Nanded	SRTMUN	2011	65.54	First
B.E./B.Tech.	Information Technology	PESCOE, A.bad	Dr.BAMU	2005	72.26%	Distinction

**M. Tech. Project: Analysis of Adaptive Key Management Protocol**

**Ph. D. Research: Brain tumor classification using pattern recognition techniques**

**Key Research Areas: Image processing, Pattern Recognition**

## Experience

Sr. No.	Organization	Post	From	To	Years	Months
1	MSSCET, Jalna	Lecturer	12/12/2005	2/5/2008	2	5
2	SYCET, A.Bad	Lecturer	3/5/2008	31/7/2011	3	3
3	MIT, A'bad	Asst. Professor	5/8/2011	Till date	10	0

**List of Courses Taught/Teaching at UG level**

- Operating System

- Computer Fundamentals and Programming
- Software Testing and Quality Assurance
- Relational Database Management System
- Web Page Design
- Data Mining and Warehousing
- Discrete Mathematics Structures
- Data Communication and Computer Network
- Programming in VB.Net
- Computer Networks
- User Interface Technology
- Object Oriented Programming Paradigm
- Computer Networks and Security

#### **List of Courses Taught/Teaching at PG level**

- Advanced Database Management System
- Advanced Operating System

#### **Additional Assignments/Duties**

- Working as ERP Team Member
- Working as FRA Coordinator
- Working as Industry Visit Coordinator
- Working as Central Budget Coordinator
- Worked as Practical Exam Coordinator
- Worked as Result Analysis Coordinator
- Worked as Central TW/CT Marks Verification Committee Member
- Worked as Project Coordinator
- Worked as GB Meeting Committee Member
- Worked as Class Teacher
- Working as Lab In-charge of Computer Center

- Worked as Online Class Test Coordinator
- Worked as Coordinator, Oracle WDP Program.

### **Membership of Professional Bodies**

- Lifetime member of Cryptographic Research Society of India
- Lifetime member of Computer society of India.

### **Research Projects/Projects Guided**

NIL

### **Computer/Software Proficiency**

- MATLAB (Mathematical programming language and optimization)
- 'C' Programming
- C++ Programming
- Oracle
- MS SQL Server
- MY SQL
- Visual Basics
- C#.Net
- Core Java

### **Seminar/Workshop/Industrial Training/STTP//FDP/CEP/Conference Attended**

- Attended a one day Instructional workshop on MATLAB at MSS College of Engineering and Technology, Jalna on 28<sup>th</sup> August, 2006.
- Attended a two days workshop on effective teaching at MSS College of Engineering and Technology, Jalna on 18<sup>th</sup> and 19<sup>th</sup> August, 2007.
- Attended a three days Instructional workshop on Cryptography at Manipur University Imphal from 5<sup>th</sup> to 7<sup>th</sup> May, 2010.

- Attended a one day workshop on Latex at Maharashtra Institute of Technology, Aurangabad on 17<sup>th</sup> November, 2011.
- Attended a three days Faculty Induction Program at Maharashtra Institute of Technology, Aurangabad from 9<sup>th</sup> to 11<sup>th</sup> January, 2012.
- Attended a three days Faculty and Content Development Program at Maharashtra Institute of Technology, Aurangabad from 8<sup>th</sup> to 10<sup>th</sup> July, 2013.
- Attended a four days workshop on Moodle at Walchand Institute of Technology, Solapur from 21<sup>st</sup> to 23<sup>th</sup> February, 2013.
- Attended a one day workshop on Outcome Based Education at Maharashtra Institute of Technology, Aurangabad on 27<sup>th</sup> September, 2012.
- Attended a five days STTP on Software Testing at RCOEM, Nagpur from 4<sup>th</sup> to 8<sup>th</sup> January, 2016.
- Attended a three days Faculty Development Program on Cyber Security at Maharashtra Institute of Technology, Aurangabad from 28<sup>th</sup> January, 4<sup>th</sup> February and 16<sup>th</sup> February, 2016.
- Attended a two day workshop on Outcome Based Education at Maharashtra Institute of Technology, Aurangabad from 4<sup>th</sup> and 5<sup>th</sup> December, 2017.
- Attended a one day workshop on Spoken Tutorial at Dept. Of CSE and IT, Dr. BAMU, Aurangabad on 20<sup>th</sup> February, 2018.
- Attended a six days STTP on Deep Learning at Maharashtra Institute of Technology, Aurangabad from 2<sup>nd</sup> to 7<sup>th</sup> July, 2018.
- Attended eight days FEP on InfyTQ Based Foundation Program at Maharashtra Institute of Technology, Aurangabad from 6<sup>th</sup> to 13<sup>th</sup> May, 2019.
- Attended 8 weeks FDP on “TALE2: Course Design and Instruction of Engg Course”, NPTEL, IIT Bombay, June-Sept 2019.
- Attended six days FDP on effective proposal writing for research and funding, Sandip Foundation, Nashik from 13<sup>th</sup> May to 18<sup>th</sup> may, 2020.
- Attended 12 Week FDP on NBA accreditation and teaching learning in engineering, NPTEL, IIT Bombay, Jan-April 2020.
- Attended five days FDP on Python, SouVenutai Chavan Polytechnic,Pune, 11<sup>th</sup> May to 15<sup>th</sup> May, 2020.

- Attended five days FDP on Signal, Image & Video Processing: A Practical Approach (SIVPAPA-2020), Government College Of Engineering, Karad, 26th May to 30th May, 2020.
- Attended three days FEP on “Database Management system through INFYTQ program”, Infosys Ltd, 22<sup>nd</sup> July to 24<sup>th</sup> July, 2020.
- Attended six days FDP on Artificial Intelligence using Python, AISSMS, Pune, 14th Sept to 19th Sept, 2020.

#### **Seminar/Workshop/Industrial Training/STTP//FDP/CEP/Conference organized**

- Organized five days FDP on Agile Technology at Maharashtra Institute of Technology, Aurangabad from 25<sup>th</sup> to 29<sup>th</sup> December, 2015.
- Organized six days STTP on Deep Learning at Maharashtra Institute of Technology, Aurangabad from 2<sup>nd</sup> to 7<sup>th</sup> July, 2018.
- Organized six days FDP on Data Science at Maharashtra Institute of Technology, Aurangabad from 24<sup>th</sup> to 29<sup>th</sup> July, 2019.
- Organized “International Web conference on Impact of COVID-19 on Library resource sharing” at Maharashtra Institute of Technology, Aurangabad from 13<sup>th</sup> to 13<sup>th</sup> June, 2020.
- Organized “National Level Online Project Competition “TECHPRO” at Maharashtra Institute of Technology, Aurangabad on 27<sup>th</sup> June, 2020
- Organized Online Faculty Development Program under AICTE TRAINING & LEARNING PROGRAM Academy (ATAL Academy) on “Cyber Security and Cyber Forensics” at Maharashtra Institute of Technology, Aurangabad from 06<sup>th</sup> July to 10<sup>th</sup> July, 2021.

#### **Invited talks delivered**

NIL

#### **Projects, Research Grants and Consultancy**

NIL

## Intellectual Property Rights/ Copyright

- Registered Copyright for the lab chart titled “Example of Bubble sorting technique in Data structures”, Registration Number: L-92788/2020, Dt. 14/7/2020.

<b>ROC No</b>	: L-92788/2020
<b>ROC Date</b>	: 14 Jul 2020
<b>Diary No.</b>	: 19736/2019-CO/L
<b>Work Title</b>	: Example of bubble sorting technique in data structure
<b>Type of Work</b>	: Literary/ Dramatic
<b>Published</b>	: No
<b>Applicant Name</b>	: Rahul Mapari
<b>Author Name</b>	:RahulMapari, Kiran Khandarkar, Jaykumar Dhage,

- Registered Copyright for the software titled “MRI Brain Tumor segmentation and Classification Using Neural Network”, Registration Number: L-92788/2020, Dt. 07/04/2021.

<b>ROC No</b>	: SW-14374/2021
<b>ROC Date</b>	: 07 Apr 2021
<b>Diary No.</b>	: 1752/2021-CO/SW
<b>Work Title</b>	: MRI Brain Tumor segmentation and Classification Using Neural Network
<b>Type Of Work</b>	: Computer Software
<b>Published</b>	: No
<b>Applicant Name</b>	: Rahul Mapari, Sangeeta Kakarwal, Abhijeet Wadekar
<b>Author Name</b>	: Sangeeta Kakarwal, Rahul Mapari, Abhijeet Wadekar

## List of Research Publications

### Papers in National/ International Journal

- Dipa D.Dharmadhikari,Arti Wadhekar,Rahul Mapari,2011, “Maximum Power Point Tracking Algorithm For Photovoltaic System Using Simulation”, International Journal of Graphics & Image Processing, Vol.1, Issue 1, pp.93-97.
- JaykuamarDhage, Dipa D.Dharmadhikari, Rahul Mapari, 2012,“The Statistical Analysis Of Audio WatermarkingUsing The Discrete Wavelets Transform And Singular Value Decomposition”, International Journal of Computing And Corporate Research,Vol.2, Issue 1, pp.1-16.
- Kiran R Khandarkar, Rahul B Mapari,2012, “Analysis of Group Key Management Scheme using One-way Function Tree, International Journal of Applied Information

Systems (IJAIS) – ISSN : 2249-0868 Foundation of Computer Science FCS, New York, USA, Vol.1, Issue 3, pp.6-10.

- Rahul B Mapari , Prashant M.Adhao,2013,“Analysis of Adaptive Group Key Management Protocol using NS2”, International Journal of Advanced Networking and Applications (IJANA), Volume: 04 Issue: 06,pp1772-1777.
- Mr.Markad Shrikant K, Prof.Rahul B. Mapari ,2014,“Protected Distribution of PHR Using Attribute Based Encryption in Cloud Computing”, International Journal of Engineering and Technical Research (IJETR)ISSN: 2321-0869,Volume-2, Issue-9,pp 165-171.
- Patil Nikhil N, Mapari Rahul B, 2014,A Comprehensive Survey on Data Integrity Proving Schemes in Cloud Storage, International Journal of Advanced Research in Computer and Communication Engineering,Vol. 3, Issue 10, pp:8163-8166.
- Mr. Markad Shrikant Kacharu, Prof. Rahul B. Mapari, 2015, Determining Security and Efficiency of PHR using Different Algorithms with Attribute Based Encryption in Cloud Computing, International Journal for Scientific Research & Development| Vol. 3, Issue 10, 2015 | ISSN (online): 2321-0613, pp 979-983.
- Miss. Ankita Manwatkar, Prof. R. B. Mapari, 2016, “Twitter Data Mining using Naive Bayes Multi-Label Classifier”, International Journal for Scientific Research & Development, VOL 4 ISSUE 7,2016, ISSN (online): pp 650-652.
- Tarika P. Jawale, Prof. R.B. Mapari,2017, “Review on secure and dynamic multi keyword ranked search scheme over encrypted cloud data”, International Journal of Advance Engineering and Research Development, Vol 4, issue 1, ISSN2348-4470,pp 365-368.
- Prashant M. Adhao, Rahul B. Mapari,2017, The Internet of Things: New Age, International Journal of Engineering Development and Research, Vol 5, Issue2,ISSN 2321-9939, pp 352-357.
- Rahul B. Mapari, Dr.Anilkumar N. Holambe,2018, “Brain Tumor Classification Using Pattern Recognition Techniques: theComprehensive Review”, International Journal of Scientific Research in Science and Technology, Vol 4, Issue 2, ISSN: 2395-6011, Pg. 730-738.
- Prashant M. Adhao, Rahul B. Mapari,2018, Internet of Everything(IoE): The new way to connect, International Journal for Research in Applied Science & Engineering Technology, Vol 6, Issue 4, pp 1885-1886.

- Patil N.N. 1, Mapari R.B.2 ,2019,Meta Data Based Data Integrity Tracking Scheme in Cloud Environment, International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 7 Issue 1, pp824-828.
- Tarika P. Jawale, Prof. R. B. Mapari ,2019, "Secure and Dynamic Multi-Keyword Ranked Search Scheme Over Encrypted Cloud Data Using K-Means Clustering", International Journal of Scientific Research in Science and Technology, vol 6, issue 2 pp 453-458.
- Prashant M. Adhao, Rahul B. Mapari, 2019, "The Internet of Things (IoT) Protocols and Connectivity", International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 7 Issue V, pp 2627-2630.
- Rahul Mapari, Sangeeta Kakarwal, Ratnadeep Deshmukh,2020, "Brain Tumor Classification and Segmentation using DTCW Transform, Back Propagation Neural Network and Spatial Fuzzy C-Means Clustering", International Journal of Innovative Technology and Exploring Engineering, Volume 9 Issue 5, pp 2073-2079.
- Rahul Mapari, Sangeeta Kakarwal, Ratnadeep Deshmukh,2020, "MRI Brain Tumor Image Classification Using Morphological operations and Neural Network Algorithm", International Journal Of Scientific & Technology Research, International Journal Of Scientific & Technology Research, Volume 9 Issue 6, pp 52-58.
- Rahul Mapari, Sangeeta Kakarwal, Sushant Khedgikar,2020, "Semantic Web- Future of Web Technology", Open Access International Journal of Science and Engineering, Volume 5 Issue 8, pp 83-87.

#### **Papers in International Conferences Proceedings**

- Rahul B Mapari , Feb 2012, "Analysis of Adaptive Group Key Management Protocol using NS2", International Conference on Recent Technologies (Icort 2012) Organized by IOK ,Pune.

#### **Books/ Book Chapter**

NIL



### NPTEL Certification

Start Date	End Date	Duration (in Weeks)	Course Name	Marks (Out of 100)	Performance
29/7/2019	20/9/2019	8	Teaching and Learning in Engineering TALE II	77	Elite-Silver

### Awards, Achievements and Recognition

- Recognize by Infosys as Bronze partner Faculty 2016.
- Recognize by Infosys as Bronze partner Faculty 2017.
- Recognize by Infosys as Bronze partner Faculty 2018.

Date: 26.7.2021

Place: Aurangabad