

## Curriculum Vitae

**Name:** LALITA BHAGWAT RANDIVE

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**Date of Birth:** 9<sup>th</sup> JUNE 1984



### Academic Credentials

Class/ Degree	Specialization	Institution	Univer sity	Year	%/CGPA	Class
Ph. D.	Identification of Crop Nutrition Deficiency through Leaf Analysis using Artificial Intelligence	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (M.S.)	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (M.S.)	purs uing	pursuing	
M.E.	Computer Science & Engineering (Full Time)	Government Engineering College Aurangabad	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (M.S.)	2011	7.917	Distinction
B.E.	Computer Science & Engineering	TPCT's College of Engineering , Osmanabad	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (M.S.)	2005	69.20 %	Distinction

**M. Tech. Project:** Color Based Image Segmentation

(In Domain Area: Image Processing)

**Key Research Areas:** “Identification of Crop Nutrition Deficiency through Leaf Analysis using Artificial Intelligence”

**Area of Interest** – Digital Image Processing, Data Science, Artificial Neural Network, Artificial Intelligence

**Experience**

Sr. No.	Organization	Post	From	To	Years	Months
1	GSM's MIT Aurangabad	Asst. Prof In CSE Department	27/07/2011	Till date	Eleven	Two
2	BGPS's Hi-Tech Institute of Technology, Aurangabad	Lecturer In CSE Department	1/07/2010	7/06/2011	One	--
3	GSM's MIT Aurangabad	Lecturer In CSE Department	17/12/2007	31/06/2010	Two	Six
5	SVRI's College Of Engineering Pandharpur, Dist Solapur	Lecturer In CSE Department	1/01/2007	16/12/2007	One	--
6	TPCT,s College Of Engineering Osmanabad	Lecturer In CSE Department	1/08/2005	31/12/2006	One	Six

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

- Artificial Intelligence
- Discrete Mathematics
- Digital Image Processing
- Principle of Compiler Design
- Theory of Computation
- Soft Computing: Artificial Neural Network & Fuzzy Logic
- Information Theory and Coding
- Principles of Programming Languages
- Software Engineering
- Computer Graphics

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

- Computer Vision
- Pattern Recognition
- Business Intelligence

### **Additional Assignments/Duties**

1. Worked as a coordinator in “Smart India Hackathon 2022”
2. Working as departmental NAAC Coordinator from last two years 2021-22 & current year.
3. Worked in Central Academic Monitoring Coordinator during the Year of 2019-20.
4. Worked as a coordinator in Central Staff Recruitment Process in Year of 2020-21.
5. Worked as departmental Time Table Coordinator for two academic year 2019-20 and 2020-21.
6. Worked as departmental LIC coordinator for two academic year 2016-17 and 2017-18.
7. Working as Result Analysis Coordinator from year 2008 to till date.
8. Worked as Under Study in Dr B A M University examination in May/June 2016.
9. Worked as a Food committee member for Youth Festival, Committee Member for Cybernetics.
10. Worked as Departmental Class test coordinator for two year 2015-16 and 2016-17.
11. Worked as class teacher during academic year 2018-19 for TY CSE class.
12. Working as a Lab-In charge of Computer Software Lab from 2011 to till date.

## **Membership of Professional Bodies**

Life Member (LM -53223 Year 2007),  
Indian Society of Technical Education, New Delhi

## **Research Projects/Projects Guided**

NIL

## **Computer/Software Proficiency**

1. C
2. Scilab
3. Matlab
4. Python

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

1. Attended a one-week online AICTE and ISTE refresher programme on “Data Science & Its Application” from 30 Dec 2021 to 5 Jan 2022 organized by Dept of Comp Sci & Engg Abha Gaikwad-Patil college of engineering, Nagpur.
2. Participated in the Online AICTE Recognized Faculty Development Programme on Computer Vision using Open CV from 25/10/2021 to 29/10/2021 (one Week) Conducted by Computer Science and Engineering Department NITTTR, Chandigarh.
3. Participated in the AICTE QIP sponsored Online STC on Intelligent Nanophotonics from 04/10/2021 to 09/10/2021 (one Week) Conducted by Computer Science and Engineering Department, National Institute of Technical Teachers Training and Research Chandigarh MINISTRY OF EDUCATION, GOVERNMENT OF INDIA
4. Attended STC on "Data Science using Python" from 9<sup>th</sup> Aug to 13<sup>th</sup> Aug 2021 at National Institute of Technical Teachers Training & Research (Ministry of Education, Govt. of India) Sector-26, Chandigarh. India
5. Attended a one-week online AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Designing Intelligent systems" from 2021-7-5 to 2021-7-9 at Indian Institute of Information Technology, Nagpur, India.
6. Attended a one-week online AICTE sponsored STTP on “Blockchain Technology and Crypto Currency” (Online Mode) organized by Department of Computer Engineering, Sanjivani College of Engineering, Kopergaon, Maharashtra, India from 2nd Nov to 7th Nov 2020 (Series-I).
7. Attended a one-week virtual global summit on Artificial Intelligence: Responsible AI for Social Empowerment organized by Ministry of Electronics & Information Technology from 5th to 9th Oct 2020 (RAISE 2020).
8. Attended a one-week online STTP on Image processing and Data science with Matlab (MathWorks) organized by Government Engineering College, Aurangabad under Technical Education Quality Improvement Programme (TEQIP- III) from 7th to 11th July 2020.
9. Attended a one-week online FDP on Scilab organized S B Jain Institute of Technology, Management & Research, Nagpur (IITB Spoken Tutorial), from 4th to 9th May 2020.
10. Attended a one-week Machine Learning workshop organized by MGM’s, Jawaharlal Nehru Engineering

College, Aurangabad from 3rd to 7th July 2018.

11. Attended a one-week Satellite Image Processing workshop organized by Terna Engineering College, Nerul, Navi Mumbai from 2nd to 6th Jan 2017.
  12. Attended a 4-day workshop on Matlab, Simulink and Low-cost Design using Signal and Image Processing Toolbox organized by Maharashtra Institute of Technology, Aurangabad from 16th to 19th Dec 2016.
  13. Attended a one-week workshop on Soft Computing, ANN and Fuzzy Applications in Engineering, organized by Deogiri Institute of Engineering and Management Studies, Aurangabad from 30th Nov to 5th Dec 2015
  14. Attended a IET technical webinar on “Application of Machine Learning” organized by Durgapur Local Centre of The Institution of Engineers (India) under the aegis of Computer Engineering Division on 23/04/2022 from 18:30 hr to 20:30 hr
  15. Attended a IET technical webinar on “CYBER SECURITY & PERSONAL SAFETY” organized by West Bengal State Centre of The Institution of Engineers (India) under the aegis of Electronics And Telecommunication Engineering Division on 08/10/2021 from 18:00 hr to 20:00 hr
  16. Attended a webinar on Star Experts IoT Specialist organized by Star Certification on 7th May 2020.
  17. Attended a online Technical session on “ HOW TO IMPROVE THE CITATION AND WRITE RESEARCH PAPERS ” organized by Department of Computer Engineering, Sir Visvesvaraya Institute of Technology, Nashik on 01st May,2020.
  18. Attended a webinar on “Research Paper Writing and Citation Manager” organized by Department of Computer Science and Engineering, P. E. S. College of Engineering, Aurangabad on 21st June 2020
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**Seminar/Workshop/Industrial Training/STTP//FDP/CEP/Conference organized**

- Organized or as part of an international Conference on Smart Computer Applications and Innovations 2018 at MIT, Aurangaba

## Invited talks delivered

1. “Digital Image Processing using Scilab”, delivered an online webinar in 15 days online webinar series for UG & PG students, organized by Department of Computer Science, Dayanand Science College, Latur on 5 Jan 2021.
2. “Relation & Function: Discrete Mathematics”, for Second Year Computer Science & Engineering students at Deogiri Institute of Engineering & Management Studies, Aurangabad in Sep 2019.
3. “Image Segmentation: Digital Image Processing”, for Third Year Computer Science & Engineering students at Deogiri Institute of Engineering & Management Studies, Aurangabad in Aug 2017

## Projects, Research Grants and Consultancy

NIL

## Intellectual Property Rights

Sr. No.	Registration Number	Detailed Work	Publication Date
1			
2			

## List of Research Publications

### Papers in National/ International Journal

1. Prof. Lalita B. Randive, Prof. Shubhangi Sapkal, “Color Image Segmentation Based on SRG”, International Journal of Advances in Computer Networks & its Security, ISSN 2250-3757, 2011.
2. Mr Rakesh Shirsath, Prof. Lalita B. Randive, “Novel Approach for Face Recognition Using Fractals”, Electronics, Communication & Soft Computing Science and Engineering, ISSN NO 2277-9477, Volume 3, Issue 3, June 2014
3. Mr. Rakesh S. Shirsath, Prof. Lalita B. Randive, “PIFS: A New Tool for Face Recognition”, Modern Trends in Engineering and Research, ISSN 2349-9745, Volume 2 Issue 7, **July 2015**
4. Mrunmayi Joshi, Prof. Lalita B. Randive, “Implementation of relevance feedback for content-based image retrieval using image mining user navigation pattern”, Advanced Research in Computer Science, ISSN 0976-5697, Volume 6, No. 1, Feb 2015
5. Mr. Gopal V.Lahoti Prof. Dipa D. Dharmadhikari Prof. Lalita B. Randive, “Multi-server Model for Profit Maximization in Cloud Computing”, RICE 2016.
6. Mr. Pauras Bangar Prof. Lalita Randive, “A Survey Paper on OSN User Wall to Filter Unwanted

Message”, International Journal of Computer Science and Mobile Computing, **2320-088X**, Vol 5 Issue 2, **2016**

7. Mayuri Vidhate, Lalita Randive, “A biologically Inspired Model using Laplacian of Gaussian Improves Contour Detection”, International Journal of Current Trends in Engineering & Research (IJCTER) e-ISSN 2455-1392, pp. 1 – 8, volume 3 Issue 8, August 2017
8. Lalita Randive Sarika Bhalerao, “Plant disease detection using Parallel Greedy Sparse Linear Discriminate Analysis method”, An International Scholarly Open Access Journal, Peer-reviewed, Refereed Journal, c461-c466, volume 8 Issue 11, Nov 2021
9. Lalita Randive Sarika Bhalerao, “Plant Disease Detection using Parallel Greedy Sparse Linear Discriminate Analysis method”, International Journal of Scientific & Engineering Research, 1323-1329, volume 12 Issue 11, Nov 2021
10. Aparna Joshi, Lalita Randive, “Implementing SIFT for Remote Sensing Image Registrations”, An International Scholarly Open Access Journal, Peer-reviewed, Refereed Journal, Pp a737-a747, volume 8 Issue 12, Dec 2021
11. Prashant Jagtap, Asst. Prof. Lalita Randive, “Implementing Naïve Bayes Classification to Identify Intrusive and Offensive Text on Social Media Platform”, International Journal of Emerging Technologies and Innovative Research, ISSN:2349-5162, Vol.8, Issue 12, Dec 2021



## Papers in International Conferences Proceedings

1. Prof. Lalita B. Randive, Prof. Shubhangi Sapkal, “Color Image Segmentation Based on SRG and Watershed Algorithm”, Advanced Computing, Communication & Networks 2011.
2. Prof. Lalita B. Randive, Madhuri Kawade, “Robust Multiple Object Removal Using Exemplar Based Inpainting”, 3rd International Conference on Recent Trends in Engineering and Technology (ICRTET 2014), 2014.
3. Mrs. Pundlik A. Prof.L.B.Randive, “New fitness Functions to Classify Data”, Recent Trends in Engineering and Technology (ICRTET 2014),2014.
4. Mr. Rakesh S. Shirsath, Prof. Lalita B. Randive, “PIFS: A New tool for Face Recognition”, 4<sup>th</sup> International conference on Recent Trends in Engineering & Technology (ICRTET), 2-4<sup>th</sup> July 2015.
5. Prof. Lalita B. Randive, Madhuri Kawade, “Survey on Unwanted Object Removal Baesed on Inpainting Algorithm using Region Segmentation”, 2nd International Conference on recent Trends in Engineering and Technology, **2320-088X**, Vol 5 Issue 2, 2016.
6. Vanita Chaudhary, Lalita Randive, “Performance Evaluation of Improved Apriori with Apriori , FP-Growth Algorithms”, 29<sup>th</sup> and 30<sup>th</sup> March 2019.

## Books/ Book Chapter

NIL

## NPTEL Certification

Start Date	End Date	Duration (in Weeks)	Course Name	Marks (Out of 100)	Performance
JUL 2018	OCT 2018	12	<b>Digital Image Processing</b>	87	Elite with Topper 5%
Feb 2019	Apr 2019	8	<b>Fuzzy Logic &amp; Neural Network</b>	77 %	Elite Silver
Feb 2019	Apr 2019	8	<b>Introduction to Research</b>	77%	Elite Silver
Jan 2021	Feb 2021	4	<b>Python for Data Science</b>	76%	Elite Silver

## Awards, Achievements and Recognition

- Received a Special Achievement Certificate from IBS, in conduction of Training of Infosys Campus Connect Programme at MIT campus, 2009.
- Received a Special Achievement Certificate for worked as coordinator in SIH,2022, from MIT.

Date: 6 Oct 2022

Place: Aurangabad