

Name: Dr. Asha Rajaram Patil.  
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Date of Birth: 25/09/1983  
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Email ID: ashapatil911@gmail.com  
Sex: Female  
Nationality: Indian  
Languages Known: English, Hindi, Gujarathi and Marathi  
Marital Status: Married  
Hobbies: Listening to Music, Dancing, Singing, and Cooking

### OBJECTIVES

To be associated with a progressive organization through which I can deliver satisfactorily to extract my inherent skills as a Professional. Moreover, it helps to develop my aptitude and technical knowledge at a new glance and also attain my career targets in progress.

Exam Passed	Board/University	Subject	Year	Division/ Grade/Merit
Secondary School Certificate	Nashik		1999	A
Higher Secondary Certificate	Nashik		2001	A
B.Sc. (COMPUTER SCIENCE)	Kavayitri Bahinabai Chaudhari North Maharashtra University Jalgaon, Maharashtra	Computer Science	2004	A
M.Sc. (COMPUTER SCIENCE)	Kavayitri Bahinabai Chaudhari North Maharashtra University Jalgaon, Maharashtra	Computer Science	2007	B+
MCA	Yashwantrao Chavan Maharashtra Open University, Nashik	Computer Application	2024	O
Ph.D. (COMPUTER SCIENCE)	Uka Tarsadiya University Bardoli Gujarat	Computer Science	2022	-
<b>Area of Interest</b>	<b>Image Processing, Machine Learning, Artificial Intelligence</b>			
<b>Teaching Experience</b>	16 Years			
	2007 To 2022 S.T.Co.Op.Edu.Society Science Sr.College Shahada 2022 to 2024 Uka Tarsadiya University Bardoli, Gujarat.			
<b>Subjects Teaching</b>	C language, Compiler Construction, Image Processing, System Programming, Theoretical Computer Science, Analytical Big Data, Python language, Software Testing, Soft Computing.			

**Research Papers**

Presented 04

Published 10

**Conferences/ Seminar/ Workshop/ Training attended**

Title	Organization	Place	Date
National Conference on Advance in Computing	Department of Computer Science North Maharashtra University Jalgaon	Jalgaon	16 -17 March 2012.
National Conference on Research Trends in Computer Technology	Arts Science and Commerce College Chalisgaon	Chalisgaon	19 - 20 Sep 2014.
Participation in syllabus reframing workshop for T.Y.B.Sc. (C.S. & I.T.)	Late Dr.P.R.Ghogrey SSVPS's Scienc Senior College	Dhule	1-12th Jan 2014.
Participation in a syllabus reframing workshop for S.Y.B.Sc.(C.S. & I.T.)	B.P. Arts, S.M.A. Science & K.K.C Commerce College, Chalisgaon	Chalisgaon	29th Dec-2015
Participation in a syllabus reframing workshop for M.Sc(C.S. & I.T.)	B.P. Arts, S.M.A. Science & K.K.C. Commerce College, Chalisgaon	Chalisgaon	2nd March 2017.
Participation in a syllabus reframing workshop for F.Y.B.Sc. (C.S. & I.T.)	SPDM Arts,Commerce and ScienceCollege, Shirpur Dist-Dhule	Shirpur	4th April 2018.
Participation in a syllabus reframing workshop for F.Y.B.Sc. (C.S. & I.T.)	Arts, Commerce and Science College, Navapur. DistNandurbar	Navapur	2nd May 2019.

**Paper Presented**

Year	Title	Reference
2018	Intelligence used in Agriculture for leaf disease detection and classification: Review	Asha Patil," National Conference on Advance Trends and Challenges in Computer Science. Sponsored by UGC held at R.C.Patel Shirpur on 19-20 November 2018
2021	Chilli leaf disease detection using texture features of image and classification by SVM and KNN	Asha Patil, Kalpesh Lad," International Conference on Artificial Intelligence: Advances and Applications (ICAIAA 2021)"-March 27-28, 2021.

2022	Features Selection Algorithms In Machine Learning: Review	Asha Patil,” National E-Conference on “Recent Advances in Physical and Computational Sciences (NCRAPCS 2022)” 15th February 2022.
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### Paper Publications

Year	Title	Reference	Publication Type
2016	Leaf Disease detection using Image Processing Techniques	Asha Patil, Kalyani Patil, Kalpesh Lad, “International Journal of Scientific Research in Computer Science and Engineering Vol.6, Special Issue.1, pp.33-36, E-ISSN: 2320-7639	Journal paper
2016	Detection of Plant Diseases Using Image Processing Tools - A Overview	Asha R. Patil Varsha I. Patil. Int. Journal of Engineering Research and Application “ISSN: 2248-9622, Vol. 7, Issue 4, (Part - 2), pp.44-45 Doi:10.9790/9622-0704024445	Journal paper
2019	Review of Disease Detection and Classification for Chili Leaf Using Various Algorithms	Asha Patil, Kalpesh Lad,” International Conference on Electrical, Computer and Communication Technologies (ICECCT) IEEE- 2019,” DOI:110.1109/ICECCT.2019.8869080	Conference Paper
2021	Feature Selection for Chilli Leaf Disease Identification Using GLCM Algorithm	Asha Patil, Kalpesh Lad, “Fifth International Conference on Information and Communication Technology for Intelligent Systems April 23-24 2021Ahmedabad(Springer). doi.org/10.1007/978-981-16-3945-6_35 pp 359-365 April 23-24 2021	Conference Paper
2022	Chili Plant Leaf disease detection using SVM and K classification	Asha Patil, Kalpesh Lad,” Rising Threats in Expert Applications and Solutions,” International Conference at IIS University Jaipur, pp 223-231 ISBN:978-981-15-6013-2 (Springer).	Conference Paper
2022	Study of Texture Color and Shape Features for Leaf ImageClassification in Machine Learning Algorithms	Asha Patil, “Research Journey’ International E- Research Journal Issue - 285 (B): Multidisciplinary Issue Peer Reviewed Journal, E-ISSN: 2348-7143	Journal Paper
2022	Chili Leaf Disease Analysis with SVM Classification Model: An Approach Towards Plant Pathology	Asha Patil,” A Journal of Composition Theory UGC CARE Approved Journal ISSN No: 0731-6755 Scientific Journal Volume XV, Issue IV	Journal Paper
2022	Feature Selection and Feature Extraction Algorithms Analysis	Asha Patil, ”Peer Reviewed Journal ‘Research Journey” International E-Research Journal Issue - 291A: Recent Trends in Humanities, Commerce & Management and Science & Technology.	Journal Paper

		E-ISSN: 2348-7143	
2022	Big Data: Business Analytics, Issues, Challenges and Technologies	Asha Patil, International Conference on” Innovative Sustainable Practices in Science and Technology 26th Nov 2022.	Conference Paper
2023	Plant Leaf Disease Classification Using SVM and CNN Algorithms	Asha Patil, Volume.11, Issue13, Nov- 2022 Research Paper IJFANS, PRINT ISSN 2319-1775 e-ISSN 2320-7876, <a href="http://www.ijfans.org">www.ijfans.org</a> UGC CARE Listed (Group -I) Journal	Journal paper
2024	Foliage Diagnostics: Pioneering Insights through Feature Extraction Techniques in Leaf Disease Identification	Internatinal Journal of Emerging Technologies and Innovative Research ISSN : 2349-5162. Volume 11 Issue 1 , January-2024. <a href="http://www.jetir.org">www.jetir.org</a>	Journal paper

#### Other Achievements

- Secured 2nd Rank in University Level Jr.Research Activity "AVISHKAR-2014" in North Maharashtra University Jalgaon.

#### Extension Activities

- Juries Member in Online National Level Poster Competition organized by Systel Institute of Management and Research Dhule 30 March 2022.
- Session Chair in the International Conference Innovative Sustainable Practices in Science and Technology 26th Nov 2022

#### Patent

- Patent Publication (Certificate of Grant) Patent Design number:361790-001. Title of Invention: "Chilli Plant Scanning And Disease Detecting Device" dated 24-04-2022.

#### Books/Chapter Publication

- SQL Server 2008", ISBN 978-81-930562-9-5 Vrinda Publication Jalgaon.
- "Basic Of Computer" ISBN 978-93-85026-33-1, Atharva Publication Jalgaon.
- "Programming in C++", ISBN 978-93-86354-50-1 North Message Publication
- "Data Structure-II," ISBN 978-93-86354-50-1 North Message Publication

#### FDP/Seminar Attended

- Fundamentals of Presentation and Presentability Conducted by Uka Tarsadiya University, Bardoli Gujarat.
- F.D.P.program in Image processing by Uka Tarsadiya University, Bardoli Gujarat.

#### UG/PG Project Guided

- Guided more than 24 UG students on a project on current trends.
- Guided more than 40 PG students on a project on current trends.

I hereby declare that the information given herewith is correct to my knowledge and I will be responsible for any discrepancy.

Dr.Asha R.Patil

