Srimad Rajchandra Institute of Management and Computer Application

Name	Asha Patil(Patel)
Qualification	Msc.PhD
Area of Interest	Image Processing, Machine Learning, Artificial Intelligence
Industry Experience	Null
Teaching Experience	14 Years
Subjects Teaching	C language, Compiler Construction, Image Processing, System Programming, Theoretical Computer Science.

Research Papers

Presented	03
Published	08

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 Trend in Computer Technology	Arts Science and Commerce College Chalisgaon	Chalisgaon	19 - 20 Sep 2014.
F.D.P.program in Image processing	Uka Tarsadiya University Bardoli	Bardoli	14 - 15 Feb-2015.
Participation in syllabus reframing workshop for T.Y.B.Sc. (C.S. & I.T.)	Late Dr.P.R. Ghogrey SSVPS's Science Senior College	Dhule	11-12th 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 Science College, 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. Dist-Nandurbar	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.

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 2021 Ahmedabad (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 KNN 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 Image Classification 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. E-ISSN: 2348-7143	Journal paper

Honors and Awards

Year	Title	Awarding Body

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.