

# ‘Curriculum Vitae’

## Dr. Rajashree Yashavant Patil

Assistant Professor,  
Department of Computer Science,  
(DST-FIST Sponsored Department)  
**Vivekanand College (Autonomous), Kolhapur**  
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### Contact Info

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**EXPERIENCE**      **26 years regular Teaching**

## EDUCATIONAL QUALIFICATION

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### Ph.D. (Computer Application)

Department of Computer Science,  
Bharati Vidyapeeth Deemed University

### M.Phil. (Computer Application) with “A” Grade

Department of Computer Science  
Chhatrapati Shahu Institute of Business Education And Research

### M.C.A (Computer Science) First Class with Distinction with 78%

Awarded by Dshivaji University, Kolhapur.

### M.C.M. (Computer Management) First Class with Distinction with 70%

Awarded by shivaji University, Kolhapur.

### B.Sc. (Physics ) First Class with Distinction with 72%

Awarded by shivaji University, Kolhapur.

## AREAS OF INTEREST

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Data Cleaning, Neural Networ, Cloud Computing, Machine Learning, Machine Learning, Deep Learning, Pattern Recognition.

## Other relevant Positions

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| Position Held       | Organization  | Period               | Nature of Work   |
|---------------------|---|----------------------|--|
| Dean                | Vivekanand College, Kolhapur  | 2018-19 to till date | Professional Courses ( BCA, BBA, Biotechnology entire, BCS)                          |
| Coordinator         | Vivekanand College, Kolhapur  | 2015-16              | COC (Computer Science) by UGC  |
| Member              | Vivekanand College, Kolhapur  | 2018-19              | Academic Council<br>VCK  |
| Member              | Shivaji University, Kolhapur  | 2013-14 to 2016-2017 | Board of Studies (B.Sc. CS, IT)  |
| Member              | Vivekanand College, Kolhapur  | 2020 to till date    | Editorial Board of Vivek Research Journal  |
| College Coordinator | Dept of Lifelong Learning & Extension, Shivaji University, Kolhapur | 2012-13 to 2015-16   | Conduction of Integrated Software Development Course at Vivekanand College, Kolhapur |
| Member              | Shivaji University, Kolhapur  | 2003-04 to 2006-07   | Board of Studies (M.Sc. CS)  |
|                     | Shivaji University, Kolhapur  |                      | Affiliation committee  |
|                     | Sanjay Ghodawat University  |                      | RRC Committee  |

## Professional Memberships

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| Organization  | Membership Number |
|---|-------------------|
| <b>Life Member</b> of International Association of Engineers ( <b>IAEng</b> ), Hong Kong<br><b>IAENG</b> Society of Artificial Intelligence<br><b>IAENG</b> Society of Computer Science | M.No 189461       |

## Research

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- **Google Scholar & Researchgate** (Source: Harzing's Publish or Perish)

Papers: **10**

Citations:85

h-index: **4**

i10-index: 4

Google Scholar-Click on link:

<https://scholar.google.com/citations?user=kqYOYHoAAAAJ&hl=en>

Researchgate-Click on link:

## Patent (01)

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1. Patent No. **2021102973** "A System for Assessing Symptomatic Risk, Diagnosis and Classification of Diabetes" under Bio-medical Engineering (**Australian Patent GRANTED on 27 Oct 2021**)

## Papers Published in National/International Journals (20)

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1. P.N. Deorukhakar, V.B. Waghmare, I.K. Mujawar, R.Y. Patil, "**Speech Recognition for People with Disfluency: A Review**" International Journal of Computer Applications 185(4):25-30, April 2023.
2. Rajashree Y. Patil, Sampada Gulvani, Vishal B. Waghmare, Irfan K. Mujawar, "**Image based anthracnose and red-rust leaf disease detection using deep learning**" TELKOMNIKA Telecommunication, Computing, Electronics and Control, Vol 20, No 6: December 2022 ISSN: 1693-6930, e-ISSN: 2302-9293 (**SCOPUS**) **Impact Factor : 2.9**
3. Rajashree Patil, Sampada Gulvani, Vishal Waghmare, Irfan Mujawar, "**Detection of Leaf Disease using Residual Neural Network**" International Journal of Mechanical Engineering, Vol. 7 No. 2 February, 2022 ISSN: 0974-5823 Publisher: Kalahari Journals (**Scopus**) **Impact Factor : 2.1.**
4. V. L. Badadare, R. Y. Patil, V. B. Waghmare, "**Cyber Security Need of Digital Era: A Review**", International Journal of Computer Applications (IJCA), Volume - Number, pp -, Oct-2018, **ISSN 0975-8887.**
5. Rajashree Y. Patil, D. R. V. Kulkarni "**A Review of Data Cleaning Algorithms for Data Warehouse Systems**" International Journal of Computer Science and Information Technologies Volume 3 Pages 5212 – 5214
6. Rajashree Patil, Sampada Gulvani "**Deep Learning for Image Based Mango Leaf Disease Detection**" International Journal of Recent Technology and Engineering Volume 8 Issue-3S3 Pages 54-56
7. Mr Mehul Jadhav, Ms. R.Y.Patil "Divisibility, Compressed Representation, Sum of Digits in any Base and its Implementation in Improved Python 3" An International Multidisciplinary Research Journal Ajanta Vol.VIII issue-I ISSN 2277-5730 January 2019

## Papers Presented & Published in National/ International Conferences (15)

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1. I. K. Mujawar, B. T. Jadhav, V. B. Waghmare, R. Y. Patil " **Development of diabetes diagnosis system with artificial neural network and open source environment** ", IEEE International Conference on Emerging Smart Computing and Informatics, ESCI, Pune, 2021, pp. 477–482, 9396963 (**SCOPUS**).
2. I. K. Mujawar, V. B. Waghmare, R. Y. Patil, B. T. Jadhav "**Online Approach for Diabetes Diagnosis and Classification with Expert System Modules using Fuzzy Logic**", IEEE International Conference on Innovating Technology for Humanity (IEEE PuneCon 2019) held on 18<sup>th</sup>-20<sup>th</sup> December, 2019 at MITCOE, Pune (**SCOPUS**).
3. Rajashree Patil, Sampda Gulvani "**Study on Impact of AI in Business**" AICTE Sponsored International Conference On Emerging Markets (ICEM-2021) 10th July 2021.
4. Rajashree Patil, Sampda Gulvani "**Detection of Leaf Disease using Residual Neural Network**" 9th International Conference on Recent Challenges in Engineering and Technology 20th and 21st November 2021, Bali, Indonesia.
5. Ms. Rajashree Patil, Sampda Gulvani "**Image Based Anthracnose and Redrust Mango Leaf Disease Detection using Deep Learning Algorithm**" International Conference on "Emerging Trends and challenges in Electronics and Computing"(ETEC-2021) at YC Satara 4<sup>th</sup> to 6<sup>th</sup> March 2021.

## The Workshop/Seminar/ Conference/Short Term Course Participated

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1. Participated in Two – Week Refresher Course in "Computer Science" from 13 - 27 March, 2023 organized by Ramanujan College, University of Delhi, Delhi and obtained A+ Grade
2. Participated in Refresher Course on Teacher and Teaching in Higher Education with a "B" Grade in the proctored examination held on 16.02.2020. Savitribai Phule Pune University
3. One Week Training Program on "Data Science with AIML" organized by Vivekanand College, Kolhapur in collaboration with AMZ Automotive during 16-22 December 2019.
4. One Day Faculty Development Program on "Use of Modern Technology in Teaching Pedagogy" organized by IQAC and Dept of Electronics, Vivekanand College, Kolhapur on 15 December 2019.
5. Faculty Development Program (FDP) on Cyber Security organized by Shivaji University, Kolhapur under Pandit Madan Mohan Malviya National Mission on Teachers and Training (PMMMNMTT) during 1 – 7 July 2019
6. One Day Workshop on "Framing and Executing Learning Outcomes" organized by IQAC, Vivekanand College, Kolhapur on 30 June 2019.
7. Two for the National Level Workshop on " Evaluation Reforms in Higher Education" University Grants Commission Western Regional Office (WRO), Pune 19th & 20th August, 2019
8. NAAC Sponsored One Day National Seminar on "Development of Quality Culture in HEI's" organized by IQAC, Vivekanand College, Kolhapur on 15 March 2019.
9. A One Day National Workshop on "Understanding the Three-Forth of the Earth (Ocean)" organized by Department of Geography, Vivekanand College, Kolhapur in collaboration with National Institute of Oceanography, NIO, Goa on 13 October 2018.

## Working/Worked as Reviewer for National/International Journals/Conferences (10)

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- 1) Worked as reviewer at 3rd International Conference on "Intelligent Systems, Cognitive Science and Knowledge Engineering 2023", Organized by Department of Computer Science and IT, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, India on 8th-9th May, 2023.

## Worked on a Conference/Workshop Organizing Committees

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- Two-Day workshop on “e-Content Development for Enhancing Pedagogical Skills” on March 18-19, 2019 in capacity of **Co-ordinator** at Vivekanand College (Autonomous), Kolhapur.

## Ongoing and Completed Research Projects

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| Sr. | Title  | Funding Agency (Scheme)  | Duration |      | Grant/Amount Mobilized | Project Status |
|-----|--|--|----------|------|------------------------|----------------|
|     |  |  | From     | To   |                        |                |
| 1   | A Web Based Expert System for CO's & PO's Mapping and Articulation                   | <i>Research Sensitization Scheme of Shivaji University, Kolhapur</i> |          |      | <b>Rs. 10,000/-</b>    |                |
| 2   | Importance of Virtualization in Cloud Computing College Campus(Building a New Cloud) | UGC  | 2017     | 2020 | <b>Rs. 2,90,000/-</b>  | Completed      |

## INVITED TALK/RESOURCE PERSON

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- Worked as a judge at Rajaram Mahostav conducted by Rajaram College, Kolhapur
- Delivered an invited talk on the topic “AI in Teaching Learning Process” at DR. Bapuji Salunkhe College, Miraj
- Delivered an invited talk on the topic “Blog Writing Techniques” for Department of Hindi, Vivekanand College, Kolhapur (Autonomous) .
- Resource Person for Faculty Training Workshop on “Online Feedback System” at in Kakasaheb Chavan College, Talmavale, Tq. Patan, Dist. Satara.
- Delivered talk on “Implementation of Autonomy” at Sangmeshwar College, Solapur on
- Resource person for faculty training program on “CO-PO Mapping” at DKASC College, Ichalakaranji.

## DECLARATION

I here by state that the above given information is true to the best of my knowledge & belief. If found false I am liable to face the consequences as predefined by the deciding authorities.

**Place: Kolhapur**

**Date:**

**Dr. Rajashree Patil**