

Rashmi M. Ashtagi

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Google Scholar:

<https://scholar.google.co.in/citations?user=oUHM2WgAAAAJ&hl=en>

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Career Objective:

To strive for academic excellence and impart quality education with emphasis on Computer Science & Engineering.

To inculcate the habit of executing effective implementation and rectification of Computer Engineering problems in the minds of all concerned, which they can apply in their professional life in future.

Summary:

- Received **Young Scientist Award** from **International Scientist Awards 2021 on Engineering, Science and Medicine.**
- **12 years'** work experience in Training and Educational Institute.
- Experience in developing **AI and ML** applications using **Python.**
- Organized **Workshops** and **FDPs.** Taken **Expert lectures** in many colleges.
- Handled Artificial Intelligence, Data Structure & Problem Solving, Computer Graphics, Design and Analysis of Algorithm, Database management engineering, Advance Java, Object oriented system development and also handled Laboratory classes for the respective subjects.
- Self-Starter, Self-Motivated & Quick Learner. Versatile Team Player with Good Communications and Problem-Solving Skills.

Oracle Certification:

1Z0- 007 – Introduction to SQL (Oracle Certified Associate)

Work Experience:

1. Currently working at Zeal College of Engineering and Research, Pune.

Designation: **Assistant Professor** **From:13/01/2022 to till date**

2. Working for **WhiteHat Jr** as Coding Teacher from 20/09/2020.

3. Worked for **Navsahyadri Education Society's Group of Institution, Pune.**

Designation: **Assistant Professor** **From:20/08/2018 to 18/09/2020.**

Subjects handled: Python Programming Language
 Artificial Intelligence and Robotics
 Database Management System
 Design and Analysis of Algorithm

4. Worked for **Pune Institute of Computer Technology**, Pune.

Designation: **Assistant Professor** **From: 28/08/2017 to 23/04/2018.**

Subjects handled: Database Management System
 Design and Analysis of Algorithm

5. Worked for **Zeal College of Engineering and Research**, Pune.

Designation: **Assistant Professor** **From: 18/12/2013 to 26/08/2017.**

Subjects handled: Data Structure and Problem Solving
 Computer Graphics and Gaming
 Smart System Design and Application
 Business Analytics and Intelligence

6. Worked for **Abhinav College of Engineering and Technology**, Wadawadi.

Designation: **Lecturer** **From: 30/07/2012 to 12/06/2013.**

Subjects handled: C++ and C++ Lab
 Discrete Mathematical Structure
 Automata Theory
 Database Engineering

Qualification:

➤ **PhD** – Pursuing **PhD Computer Science and Engineering** in **V.T. U.** (Karnataka).

Research Topic: Automatic detection and classification of melanoma in dermoscopic images using cognitive techniques.

Status: Thesis submitted and within 2 months I will be completing PhD.

Paper published:

1. Paper entitled, “Machine Learning Approach in Melanoma Cancer Stage Detection”, Journal of King Saud University – Computer and Information Sciences, Vol. 7, ISSUE 8, 2020, (Index: **Scopus, ESCI, SCIE**).

2. Paper entitled, “Transfer Learning Based System for Melanoma Type Detection”, *Revue d’Intelligence Artificielle*, Vol. 35, No. 2, pp. 123-130, 2021, (Indexed: **Scopus**).
3. Paper entitled, “Combined Deep Learning and Machine Learning Models for the Prediction of Stages of Melanoma”, "International Conference on Intelligent Systems and Computing (ICISC-2022), (Indexed: **Scopus, Web of Science**).
4. Paper entitled, “An Improved Transfer Learning Approach for Classification of Types of Cancer”, *ELCVIA Electronic Letters on Computer Vision and Image Analysis*, Waiting for Review, (Indexed: **Scopus**).
5. Paper entitled, “Ensemble Learning for Detection of Types of Melanoma”, *IEEE-International Conference on Computing, Communication and Green Engineering (CCGE21)*, RSCOE, Pune, 23- 25 Sept 2021.
6. Paper entitled, “Different Approaches to Classify Melanoma and Cure Methods”, *Journal of Research in Computer Science and Engineering*, vol. 6, no. 2, 2021, (Indexed: Google Scholar).
7. Paper entitled, “Machine Learning Approach for Malignant Melanoma Classification”, *International Journal of Science, Technology, Engineering and Management - A VTU Publication (IJSTEM)*, Vol 2, issue 1, pp 40-46, 2021 (Indexed: Google Scholar).
8. Paper entitled, “Detection and Classification of Malignant Melanoma using Machine Learning Algorithm”, *AICTE Sponsored International Online Conference on Pattern Recognition Applications and Methods (ICPRAM-2020)*, Published with ISBN: 978-1-954461-01-7.
9. Paper entitled, “Novel Methods to Detect Melanoma by Dermoscopy Images”, *GIS Science Journal*, Vol. 7, Issue 7, ISSN: 1869-9391, Pages 372-382.
10. Presented paper entitled “Review: Melanoma detection & classification based on thickness using dermoscopic images” *International Conference on Intelligent Computing and Applications(ICICA 2016)* (Springer Conference) on 20-22 Dec 2016 at D. Y. Patil College of Engineering, Akurdi, Pune. Paper published in *IJCTA*.

- **Master of Engineering** – Secured 8.46 CGPA in **M.E. (Computer Engineering)** from **SPPU**, Pune.
- **Bachelor of Engineering** – Secured 57.8% (aggregate of T.E and B.E) in **B.E. (CSE)** from **V.T.U** (Karnataka) in May 2008.
- **Higher Secondary Education** – Secured 66.00% in State Board Examinations in 2003.
- **S.S.C (Maharashtra Board)** – Secured 60.66% in S.S.C Examinations in 2001.

Professional Activities:

1. Paper entitled, “Comparative Study of Sign Language Recognition Techniques”, IEEE-International Conference on Computing, Communication and Green Engineering (CCGE21), RSCOE, Pune, 2021.
2. Paper entitled, “Melanoma Cancer Detection using Deep Learning”, International Journal of Scientific Research in Science, Engineering and Technology, Volume 7, Issue 3, 2020.
3. Paper entitled, “Remote Data Possession Checking Protocol for Secure Cloud Storage with Deduplication Technique”, 2020 Fourth International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC), 1280-1283, 2020.
4. Paper entitled, “Competitive Analysis for the Auditing Cloud Consistency”, National Conference on Information and Communication Technology on 5-6 may 2016 and published in International Journal of Advancement in Engineering Technology, Management and Applied Science (IJAETMAS), volume 3, special 2, May 2016.
5. Paper entitled, “Public Auditing System: Improved Remote Data Possession Checking Protocol for Secure Cloud” International Conference on Applied and Theoretical Computing and Communication Technology (iCATccT - 2015) (IEEE), DOI: [10.1109/ICATCCT.2015.7456858](https://doi.org/10.1109/ICATCCT.2015.7456858) (Scopus).
6. Paper entitled, “Competitive Analysis for the Detection of Melanomas in Dermoscopy Images” International Journal of Engineering Research & Technology (IJERT) ISSN: 2278-0181 Vol. 3 Issue 6, June 2014.
7. Paper entitled, “Review: Data Driven Traffic Flow Forecasting using MapReduce in Distributed Modelling”, International Journal of Innovative Research in Advanced Engineering (IJIRAE) Volume 1 Issue 2 (April 2014).

Personal Details:

Name : Rashmi M. Ashtagi
Date of Birth : 25-02-1985
Gender : Female
Marital Status : Married
Nationality : Indian
Languages : English, Hindi, Kannada, Marathi, French (learning)
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Place: Pune

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