

DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT




(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

Opp. Art of Living, Udayapura, Kanakapura Road, Bangalore- 560082

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

Accredited NBA, NAAC with A+, New Delhi

Faculty Name	Dr. Rashmi Amardeep	
Designation	Associate Professor	
Educational Qualification	B.E, M.S, Ph.D.	
Experience in Years	22	
Area of Interest	Data Mining, Neural Networks, Artificial Intelligence	
Email ID	dr.rashmi-is@dsatm.edu.in	

Educational Details

- Ph.D.: Computer Science & Engineering
- M.S: Computer Science
- B.E: Electronics & Communication

Personal Details

- Date of Birth: 07-09-1974
- Hobbies: Reading, Gardening, Travel
- Languages Known: Kannada, English & Hindi

Professional Experience

- Working as Associate Professor in the Dept. of ISE @ DSATM from September 2021 to date
- Worked as Associate Professor in the Dept. of CSE @ Sir MVIT from June 2019 to May 2021
- Worked as Assistant Professor in the Dept. of ISE @ Sir MVIT from August 2006 to June 2019
- Worked as Lecturer in the Dept. of Computer Graphics & Virtual Reality Center @ MSR School of Advanced Studies from January 2006 to July 2006
- Worked as Lecturer in the Dept. of Computer Science @ Surana College from June 2001 to December 2005

Certification Course Completed

- NPTEL course on Outcome Based Pedagogical Principles for Effective Teaching -Feb-March 2023
- NPTEL course on Data Science for Engineers” during July-Sep 2022
- Completed NPTEL Data Mining Course on February 2022
- Industry Ambassador Training - Foundation and Advanced Level course in 2021-22
- Completed “Python for Machine Learning” an online course offered through Great Learning Academy on September 2021
- Completed “Data Science Foundations” an online course offered through Great Learning Academy on November 2020
- Completed “Introduction to Deep Learning” an online course offered through Great Learning Academy on December 2020

Books Published

- Authored the book “ R Programming” by Aasan Publication, ISBN 9788196259594, April 2023
- Authored the textbook for III semester VTU as per CBCS Syllabus CSE/ISE branch titled “Computer Organization “September 2018 Published by Subash Stores.
- Authored the textbook for VI semester CSE/ISE branch titled “Data Mining and Data Warehousing “ISBN Number: 978-93-86155-61-0 Published by SUNSTAR publisher in March 2018
- Textbook for VIII Semester CSE/ISE Branch titled “System Simulation and Modeling” June 2014 by Sun Star Publisher ISBN -978-93-85155-17-B

Patent

- Patent published in the field of Computer science, Application no: 202341014316, Title: Vulnerability implication of Data poisoning attacks in Data manipulation Via ML Recognition, Date of filing: 03/03/2023

YouTube

A YouTube channel called “CSPathashala “creator to help students for easy understanding of the subjects <https://www.youtube.com/channel/UCwXqu5fO5zozy3djBZfhrLQ/videos>

Publications

International Journals:

Rashmi Amardeep, “Stock market Prediction Using Machine Learning and Twitter Sentiment Analysis: A survey, International Journal of Research in Engineering, Science, and Management, Volume 5, Issue 4 April 2022, [Https://www.ijresm.com](https://www.ijresm.com), ISSN 2581-5792

Rashmi Amardeep, “Street Dancers web Application”, IJARIE, Volume 9, Issue 2 2023 ISSN(0)2395-4396

Rashmi Amardeep, Survey on next word prediction and paraphrasing using latent semantic analysis, International Journal of advanced research in computer and communication engineering, vol 11, Issue 4 April 2022, DOI:10.17148/IJARCCE 2022.11449, ISSN 22781021

Rashmi Amardeep, Next Word Prediction and Paraphrasing using Natural language processing, IJARCCE, Vol 11 issues 6 June 2022, ISSN;2278-1021 DOI: 10.17148/IJARCCE.2022.11698

Rashmi Amardeep, A Novel Approach for Location Privacy Preservation of Clusters, International Journal of Scientific Research in Engineering and Management, Vol 07 Issue 03 March 2023, ISSN: 2582-3950

RashmiAmardeep & Dr. K ThippeSwamy,” Neural Network For Pattern Classification”, International Journal of Engineering Research and Application, ISSN:2248-9622 Vol 7, Issue 12 (Part 6) December 2017 pp 40-44

RashmiAmardeep,” The MATLAB Data Mining Software – Study” International Journal of Recent Innovation in Engineering and Research (IJRIER) Scientific Journal, SJIF e- ISSN: 2456 – 2084 Volume 2, Issue 6; June 2017 pp 33-36

RashmiAmardeep & Dr. K ThippeSwamy,” An Analysis of Metaheuristic Algorithms for Optimization with Data Clustering in Data Mining for Classification”, International Journal of Current Advanced Research Vol 5, Issue 7, pp 1074-1077, July 2016 ISSN: 2319-6505.

RashmiAmardeep & Dr. K ThippeSwamy “A Study Of Bat Algorithm And Its Variants” Published @International Journal of Current Multidisciplinary Studies Available Online at <http://www.journalijcms.com> Vol. 2, Issue,10, pp.479-482, October 2016 ISSN 2347-8527

RashmiAmardeep & Dr. K ThippeSwamy “Training Feed Forward Neural Network With Backpropagation Algorithm” Published @ International Journal Of Engineering And Computer Science ISSN: 2319-7242 Volume 6 Issue 1 Jan. 2017, pp No. 19860-19866, DOI: 10.18535/ijecs/v6i1.03

National Conference:

1. Rashmi Amardeep, Shalini R, Megha.S Kencha Reddy,” Comparison Analysis of Different Classified Algorithms & Highly Ranker Attributes Selection on Breast Cancer Datasets”, NCBICS 2019 Organized by Dept of ISE in association with Centre of Excellence Data-Driven IoT, CMRIT, Bangalore on 13th – 14th May 2019.
2. RashmiAmardeep,” Privacy-Preserving Data Encryption Strategy for Big Data in Mobile Cloud Computing”, NCIC3 2018 on information, communication, control and computing on 23rd May 2018 organized by Sir MVIT, Dept. of ECE & ISE Proceedings, pp. 27-30
3. RashmiAmardeep, “Educational Data Mining- A Study”, NACAC-2017 on Advances in computing on 26th May 2017 Organized by BMSIT, Department of CSE & ISE in Association with VTU and CSI. Proceedings, pp 95-99
4. RashmiAmardeep, Sushmita,” Knowledge Discovery & Data Mining Software Tools”, NaCoNIM- 2017 National Conference, On Networking, Image Processing, Multimedia,

Internet of Things, Data Mining, Data Warehousing, and Big Data Analysis in Association with VTU and CSI at KSIT on 10th - 12th May 2017, ISBN: 978-81-929425-1-3, pp 202-205

5. RashmiAmardeep,” Spatio Temporal Data Mining “, FCCT-2013, MVJ College of Engg. in June 2013 organized by the Department of Computer Science & Engineering.

International Conferences:

1. RashmiAmardeep Sanjana Cholaraju, N Chandana, “Performance Analysis on Transaction Database Using Different Classification Algorithm”, 9th International Conference on Recent Engineering and Technology 2019 organized by OSIET, Chennai in association with New Horizon College of Engineering on 5th May 2019, ISBN 978-93 81288-81-4, Proceeding published at IJARBEST Journal
2. RashmiAmardeep & Dr. K ThippeSwamy, “An Investigation Of Hyper Heuristic Frameworks”, International Conference on Intelligent Communication Technologies and Virtual mobile Networks(ICICV 2019) held in Francis Xavier Engineering College, Tirunelveli, India from 14- 15 February 2019, Proceedings published in **Springer** “Lecture Notes in Data Engineering and Communications technologies”., Series Editor: Xhafa, Fatos, ISSN: 2367-4512
3. RashmiAmardeep, & Dr.K ThippeSwamy, “Performance Enhancement Using Metaheuristic Bat To Train Neural Network For Efficient Data Classification”, International Conference on Inventive Research in Computing Applications (ICIRCA 2018) **IEEE Xplore compliant** part number 18N67-ART, ISBN 978-1-5386-2456-2,11-12 July 2018, Coimbatore
4. Shambhavi G P, Shibani Naik, Surabhi Suresh & RashmiAmardeep, “Analysis & Predictive Maintenance of Network Management System”, ICIOT-2016 18th -19th August 2016 organized by APS College of engineering. Conference Proceeding published by International Journal of Engineering Research & Technology (IJERT) ISSN: 2278 – 0181. Special Issue - 2016 Volume 4 Issue 29 Page 162-165
5. RashmiAmardeep & Dr. K ThippeSwamy “An Approach for Optimization of Different Data Set Using Data Mining Algorithm”, IRAJ on 28th June 2015 15th IRF International Conference Bangalore India ISBN: 977-93-85465 -45-1

Awards

1. Certification of Excellence award for Publication of Resource Material (Textbooks) in the years 2014 and 2018 from Sri Krishnadevaraya Educational Trust.
2. Best teacher award from the dept. of ISE Sir MVIT in the year 2018

Academic Activity

- Organized “Hands-on Arduino “Session for 4th-semester Students during July 2023, Department of ISE, DSATM

- As coordinator for Internship, NAAC, NBA coordinator, and various FDP and SDP since 2021 at DSATM
- Contributed as a Reviewer in the Sagar Centenary “IEEE International Conference **CENTCON-2021**” held from 19-21 November 2021.
- Department Level coordination as NAAC Cr2, NBA Cr3, Project Coordinator, Internship Coordinator, Department of ISE, DSATM.
- As **Convener** of the Women’s task force at the college from 2014 to 2021 organized various Guest Lectures by eminent personalities and competitions for Faculty and Students at Sir MVIT.
- Departmental coordinator for ISTE chapter, LIC, NAAC, ISO at Sir MVIT.
- An organizing committee member for One day National **Conference** on “**Emerging Technologies in computer science**” on “April 2014 at Sir MVIT, Bangalore.
- An organizing committee member for two-day workshop on “**Cloud Computing & web Mining**” on March 2013 at Sir MVIT, Bangalore.
- Question Paper Setter, Examiner for various Autonomous colleges & Universities
- As a chairperson for event management during college fest-Kalanjali2K19, Sir MVIT

ACHIEVEMENTS

- Motivated the students to pick up the subjects of their interest - the pass percentage in the subjects handled was mostly 100%, the minimum being 90 %
- Awarded and recognized by students as the best teacher.
- Feedback by students has been more than 85%.
- The videos on my channel CSPatashala have a good number of views.
- Encouraging students to paper publication at journals and conferences.
- Encouraging students for paper presentations and guiding UG projects.

Faculty Development Activity

- Workshop on “Creating a Thriving Classroom” on Oct 30 2021 @DSATM
- Attended workshop on “**An Outcome Based Education “ 2023** @DSATM
- Attended a one-week training program for teachers on “**An Overview of Teaching Techniques in Microcontroller and Embedded System**” organized by VTU-HRDC, Center for PG studies, Muddenahalli, Chikkaballapur from 20-01-2020 to 24-01-2020
- Attended Webinar on **Building Blocks of Neural Networks** organized by TechGig Community on 04-05-2020
- Attended five-day FDP on **Outcome Based Education: A Step Towards Excellence** organized by GCE Karad from 11-05-2020 to 15-05-2020
- Attended webinar on **Data science career** by INSAID on 11-05-2020
- Attended Six-day webinar on **Latest Trends In IT** organized by ISE department of SIR MVIT- Bengaluru in association with ISTE and Computer Society of India 12-05-2020 to 19-05-2020
- Attended Nptel lecture on **Innovative Idea Generation using Design Thinking** on 16-05-2020

- Attended three days FDP on **Outcome Based Education -NBA** held at Sir MVIT on January 2019
- Participated in an in-house event to exchange ideas for promoting R & D activities and consultancy one day **R & D Symposium** at Sir MVIT held on May 2018
- Participated in three days Faculty development programme on **Machine Learning organized** by Department of ISE Sir MVIT held on July 2018
- Attended three day Faculty development programme on **Applications of Java with ADA & ARM Processor** held at Sir MVIT on January 2017
- One day workshop on **Role of Mentoring in Higher Education** held on May 2017 Organized by Dept of ISE, Sir MVIT
- Participated in **Faculty Development programme** jointly organized by CSI-Bangalore Chapter and VTU Regional office on International Women's Day on March 2016.
- Attended one day orientation Programme on **Research Methodologies RM-2015** held at Sir MVIT on May 2015.
- Attended workshop on **Data Sciences** organized at MSRIT, IEEE Bangalore Section on April 2014
- Participated in a six-day faculty development program for the **CS Curriculum** organized by Dept CSE Sir. MVIT on July 2014
- Attended a two-day workshop on Clod Computing & web Ming organized by dept of CSE & ISE, Sir MVIT held on March 2013
- Attended the training conducted on **revised multicore curriculum** as apart of the Intel Multicore Initiative for VTU at Intel Center of Excellence, Bangalore August 2010

PROFESSIONAL BODY MEMBERSHIP

1. International Computer Science and Engineering Society, Membership Id: #946, Membership Type: Member
2. International Association of Engineering, Membership ID: 208557, & member of the IAENG Society of Data Mining
3. ISO Internal auditor (ISO 9001:2015) certified from Celestial management Systems, Bangalore.

Contact Details

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 Talagattapura, Bangalore
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My Vision

Help students for the all-round development to face the challenging world and to inculcate among the students, a culture of research and innovation.