



Dayananda Sagar Academy of Technology & Management

(Autonomous Institute under VTU)

Affiliated to VTU
Approved by AICTE
Accredited by NAAC with A+ Grade
6 Programs Accredited by NBA
(CSE, ISE, ECE, EEE, MECH, CV)

Faculty Name	Dr. Rashmi Amardeep	
Academic Designation	Associate Professor	
Educational Qualification	Ph.D.	
Experience in Years (Teaching)	24 Years	
Experience in Years (Industry)	Nil	
Official Email ID	dr.rashmi-is@dsatm.edu.in	
Area of Interest	Neural Networks, AI	
Date of Joining	01-09-2021	
Employee ID	180519	
Date of Birth	07-09-1974	

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 till 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

Patents

Patents: - Granted, Design No: 407418-001, Date: 13/02/2024 ,Title: Automatic Fertilizer Dispensing Robot

Patent Published -titled “Vulnerability implication of data poisoning attacks in data manipulations via ML R cognition, Application Number: 202341014316 date 03/03/2023

Book Published

1. Authored R Programming Book, Aasan Publication ISBN:9788196259594 in July 2023
2. Authored the textbook for III semester VTU as per CBCS Syllabus CSE/ISE branch titled “Computer Organization “September 2018 Published by Subash Stores.
3. 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
4. Textbook for VIII Semester CSE/ISE Branch titled “System Simulation and Modeling” June 2014 by Sun Star Publisher ISBN -978-93-85155-17-B

YouTube channel

An 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, Prakhar Ananth,Priya B Gunali, Riya Raikar, S Deepak Dhore Reddy , Sales Prediction and inventory Restocking Using Machine Learning., International Journal of Science,Engineering and Technology, 2023, 11:6ISSN (Online): 2348-4098

Ravikiran Madala Dr. Rashmi Amardeep ,Sowmya. S. R Real-Time Cyber Attack Detection Based On Automated Ai Security System 023 6th International Conference on Contemporary Computing and Informatics (IC3I) | 979-8-3503-0448-0/23/\$31.00 ©2023 IEEE | DOI: 10.1109/IC3I59117.2023.10397951

Rashmi Amardeep, Arfa Tazmeen, Dinoj Kumar V, Kalyan Kumar R AI Based Chatbot To Answer FAQs , Vol-9 Issue-3 2023 IJARIE-ISSN(O)-2395-4396

Rashmi Amardeep, Sudeepa R, Sukanya V, Swetha Jagatha, Tejas Kumar C, daptive Learning Quiz Application on GRE Insightfor Informatics and Information System, International Journal of Advances in Engineering and Management (IJAEM) Volume 5, Issue 12 Dec 2023, pp: 231-236 www.ijaem.net ISSN: 2395-5252

Likitha Thripuranthakam1, Shreya B. Gohad2 , H. N. Sujay Singh3, G. Charan4, Rashmi Amaradeep Stock Market Prediction Using Machine Learning and Twitter Sentiment Analysis: A Survey International Journal of Research in Engineering, Science and ManagementVolume 5, Issue 4, April 2022<https://www.ijresm.com> , ISSN (Online): 2581-5792

S Nithin, Sameer Pandit, Tanuja Shastri, Yash Joshi, Rashmi Amardeep , NEXT WORD PREDICTION AND PARAPHRASING USING NATURAL LANGUAGE PROCESSING , International Journal of Advanced Research in Computer and Communication Engineering ISO 3297:2007 Certified | impact Factor 7.39 | Vol. 11, Issue 6, June 2022 DOI: 10.17148/IJARCCCE.2022.11698

Nayan Prakash1 , Rishu Raj,Riya Gothi A Novel Approach for Location Privacy Preservation of Clusters, International Journal of Scientific Research in Engineering and Management (IJSREM)Volume: 07 Issue: 03 | March - 2023 Impact Factor: 7.185 ISSN: 2582-3930

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:

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.

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

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

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

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

International Conferences:

Rashmi Amardeep, Advancement in Health Monitoring Through IOT and PostgreSQL Analytics, 2024 International Conference on Emerging Technologies in Computer Science for Interdisciplinary Applications (ICETCS) | 979-8-3503-7250-2/24/\$31.00 ©2024 IEEE | DOI: 10.1109/ICETCS61022.2024.10543622

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

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

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

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

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

Certification obtained by completing various courses at NPTEL

Certification of Excellence award for 100% results during teachers day celebration at DSATM

Certification of Excellence award for Publication of Resource Material (Textbooks) in the year 2014 and 2018 from Sri Krishnadevaraya Educational trust.

Best teacher award from the dept. of ISE Sir MVIT in the year 2018

Academic Activity

- Worked as Reviewer for various International conferences.
- Co-ordinating various activities at DSATM - Internship Coordinator, Mentor, NAAC Criteria 2 Coordinator, NBA Criteria 3 & Criteria 2 Coordinator, Project Guide, IIC Cell Coordinator, Skill Enhancement Coordinator, Organized Hands-on Sessions for the courses Handled, Question paper setter for many autonomous college and for VTU.
- Coordinated the International conference during 2022 at DSATM
- Organized **3-Days Workshop on Cyber Security & Ethical Hacking** for ISE Students during December 2021 @DSATM
- As **Convener** of Women task force at the college since 2014 till 2021 organized various Guest Lectures by eminent personalities and competition 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.
- As a chairperson for event management during college fest-Kalanjali2K19, Sir MVIT

Faculty Development Activity

- Organized workshop for faculties on Blue Prism, during October 2021 at DSATM
- Delivered Faculty Development on “App Development”
Date: 4-6-2024 Time: 3:00 to 4:30 PM. A careful plan and executed, effectively to train the trainers by delivering high-quality, impactful training programs on App Development. Training ensured the trainees had the necessary skills, knowledge, and tools to effectively educate for the development of the App.
- Attended Webinar on **"Awareness Webinar on Outcome Based Education & Accreditation for Engineering Colleges & Deemed to be Universities in Karnataka"**, jointly organized by NATIONAL BOARD OF ACCREDITATION, New Delhi and VISVESVARAYA TECHNOLOGICAL UNIVERSITY, e-Learning Center, Mysuru on 16th February 2021.
- Attended one-week training programme 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 Cloud 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

Contact Details

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