

Objective

To nurture my skills through theoretical and practical knowledge and achieve perfection in everything what I do.

Academic Qualification

Ph.D. (Computer Science) under the guidance of Dr. Narendra S. Choudhary and Dr. Maya Ingle from School of Computer Science & IT, DAVV, Indore.

Standard	University/Board	School/College	Year	Percentage
MCA	DAVV Indore	School of Computer Science & IT, Indore	2010	74.4%
B.Sc. Computer Science	DAVV Indore	Christian Eminent College, Indore	2007	69.2%
12 th	MP board, Bhopal	Shri K.B.Patel Gujrati Girls H.S. School, Indore	2004	78%
10 th	MP board, Bhopal	Shri K.B.Patel Gujrati Girls H.S. School, Indore	2002	75%

Experience

- Currently working as Contract Lecturer in School of Computer Science & IT, DAVV, Indore, since December 7, 2010.
- Worked as a Visiting Lecturer at School of Computer Science, Indore from 2 August, 2010 to 6 December, 2010.

Teaching Subjects

- Data Structures using C++, Discrete Structures, Operating System, Programming in C and C++, Engineering Mathematics.

Achievements

- Got Best Paper Award in NCIRIT-2020-National Conference on Interdisciplinary Research and Innovative Technologies organized by Sage University, Indore.
- UGC-NET Qualified in 2015.
- Secured 2nd rank in OBC female in MP-MCA entrance exam in 2007.

Papers published in Journal / Conference

- Rai Deepika, Chaudhari N.S., Ingle M., “Algorithmic Approach for Optimization of SAT Encoding of Sudoku Puzzle”, National Conference on Interdisciplinary Research and Innovative Technologies, Sage University, Indore, 2020.
- Rai Deepika, Chaudhari N.S., Ingle M.,” An Efficient Algorithmic 3-SAT Formulation for Sudoku Puzzle using Graph Coloring”, IEEE International Conference on Advance Computation and Telecommunication (ICACAT), 2018.
- Rai Deepika, Chaudhari N.S., Ingle M., “SAT Based Algorithmic Approach for Sudoku puzzle”, International Journal of Computer Engineering & Technology, Vol. 9, No. 6, pp 38-45, 2018.
- Rai Deepika, Chaudhari N.S., Ingle M., “Polynomial 3-SAT reduction of Sudoku puzzle”, International Journal of Advanced Research in Computer Science, Vol. 9, No. 3, pp 194-197, 2018.

Workshop/ Seminar/ Expert Lecture attended

- Workshop under Digital India Campaign organized by SCSIT.
- National workshop on Quality Technical Education (WQTE) jointly organized by IET and SCSIT.
- Two weeks workshop on Internet of Things jointly organized by SCSIT and Career Bloom Pvt. Ltd.
- Workshop on Industry Institute Interaction organized by SCSIT, DAVV.
- Management Development Program (MDP-16) conducted at IIPS, DAVV
- Two Week Workshop on “Introduction to Design of Algorithms” organized by IIT Kharagpur under the National Mission on Education through ICT (MHRD, Govt. of India) at remote center IET, DAVV, Indore.
- One week workshop on Foundation of Fuzzy Sets & Fuzzy Logic with Applications organized by Institute of Engineering & Technology and School of Computer Science & IT, DAVV.
- Saksham- IT Champion Training Program organized by Microsoft.
- Workshop on “Teaching Methodology in Database & Data mining” organized by SCSIT, DAVV.
- Workshop on “E-governances: issue and challenges”.
- Workshop on “Quality issues in Academics, Paper Setting and valuation” organized by SCSIT, DAVV.
- Workshop on “ Motivation.....is all that you need” organized by SCSIT, DAVV.

Responsibilities Undertaken in SCSIT, DAVV

- Member of Student Co-curricular Committee.
- Mentor and Class Coordinator for M.Tech Course.
- College Website Maintenance.
- Evaluated Dissertation for UG and PG Courses.
- Evaluated answer sheets of both departmental and DAVV exams.
- Set question papers for various UG and PG courses in SCSIT as well as for University exams.

Strength

- Hard Working, Strong Explanation ability, Committed to work with positive attitude.

Personal Profile

- **Date of Birth:** November 27, 1987
- **Father's name:** Mr. Jagdish Chandra Rai
- **Mother's name:** Mrs. Savita Rai
- **Permanent Address:** B-102, Anand Valley, Anand Nagar, Indore (M.P.)
- **Hobbies** Teaching, Listening Music

Declaration

I hereby declare that the information given above is true to the best of my knowledge and belief.

Date:

Place: Indore

Deepika Rai