

DR. RUPALITA JANPURE - DIXIT

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OBJECTIVE

To convey quality education with challenging trends of new era.

PROFESSIONAL EXPERIENCE

Total Teaching Experience - 21 Years

Approved experience of 18 Years as Assistant Professor.

Approval Date: 08/03/2006 (Ref No. CCO/6898, 25/08/2006).

1) 23rd June 2005 – Till the date _____ NDMVPS's K.B.T. COE, Nashik

Working as Assistant Professor at Information Technology Department.

Institutional / Departmental Responsibilities:

- Co-coordinator of one week Faculty Development Program (FDP) on “AI, ML and DL in the Era of Data Revolution: Advancements and Applications” scheduled on 16th to 21st December 2024
- SPOC, Spoken Tutorial, IIT Bombay (2024)
- IQAC coordinator (2019-2023)
- SPOC, NPTEL Local Chapter (since 2017)
- SPOC, IIRS outreach program (since 2020)
- SPOC, Smart India Hackathon (2017-2019)
- Coordinator of PMMMNTT Sponsored FDP on 'Data Science' held between 4/11/2019 to 9/11/2019

- Project coordinator (2018-19 to 2020-21)
- Department with Excellence coordinator for award winning year (2019)
- Website Support team (College & Sanstha Level: 2016-2020)
- Worked as Direct IInd year **admission co-coordinator** in Aug 2013
- Worked as **Co-convener for Kshitij-2013**
- Worked as **coordinator for ADNIS-2012.**
- Worked as **Prospectus Committee coordinator-2011**
- Worked as **Chief Editor for Magazine Abhivyakti-2011.**
- Worked as **Dy. Presiding Officer for Gate – 2011.**
- Worked as Incharge for **Departmental Library.**
- Worked on **Exam software** provided by University of Pune as per requirements (2008- 2014)

University Responsibilities:

- Worked as Internal SS for **PET online Exam** (7 July 2019)
- Worked as officer for TE CAP May-June 2019
- Worked as Internal **Senior Supervisor** for Examination May-June 2018, May-June 2022, FE December 2011, May 2021 examination
- worked as **Chairman** of TE Comp Hardware Lab
- Worked as **Paper Setter** for Computer Organization theory and online exams (2014, 2022).
- Participated actively in **Syllabus Framing** Workshop of DSP

Professional Membership:

- **LMISTE-56841**

II) July 2002 – Jun 2004 Government Polytechnic, Nashik

Worked as Lecturer

Institutional Responsibilities:

- Worked as MSCIT Controller.
- Worked as paper setter for annul Exam

OTHER

DELL EMC certification in Data science (2019)

Dell Carnegie Certification in course “**High Impact Teaching Skills**” from 16th to 17th of May 2011, by **Wipro** at NDMVPS’s K.B.T. COE, Nashik-13

Cambridge Certification of Mission 10x by Wipro –Oct 2011.

Certification in course “**Object Oriented Analysis and Design using UML with Essentials of Rational Rose Software Architect**” during 19th to 22nd July 2010, organized by **IBM** at NDMVPS’s K.B.T. COE, Nashik-13

ACADEMIC QUALIFICATIONS

1991-1992	SSC	Pune University	88.00 %
1993-1995	HSC	Pune University	86.33 %
			PCM 93%
			PCB 92.6%

TECHNICAL QUALIFICATION

2024

PhD in Computer Science and Engineering at GITAM University, Hyderabad.

2010

M. Tech. in Computer Engineering with **CGPA 7.68** (First Class with Distinction) at Dr. Babasaheb Ambedkar Technological University.

2000

B.E. in Computer Engineering with **62.13 %** (First Class with Distinction) at Pune University.

ACHIEVEMENTS

Conference Papers Presented

- International Conference on Advances in Computing and Data Sciences (ICACDS-21)- paper presented on Overlapped Circular Convolution Based Feature Extraction Algorithm for Classification of High Dimensional Datasets
- International Conference on Intelligent Computing and Applications (ICICA-2018) – paper presented on Diagnosis of disease using feature decimation with multiple classifier system
- International Conference **ACN 2010 IEEECS** at Miyazaki Japan. Presented paper titled “Analysis of effect of different factors on burst dropping probability in Optical Burst Switched Network”
- A paper named BHP saving mechanisms- An approach to improve performance of Optical Burst Switched Network is selected in IEEE-International Multi conference on Automation , Computing , Control, Communication and compressed sensing-2013 (**iMAC4s-2013**), and published in IEEE proceeding.
- A paper titled “BHP saving mechanisms-An approach to improve performance of Optical Burst Switched Network” was selected at ICCRD 2012, Kunming, China

SCOPUS Paper Publications

- Paper titled “Data analysis with performance and privacy enhanced classification” is published in Journal of Intelligent Systems (JISYS) and appeared in Scopus preview. <https://doi.org/10.1515/jisys-2022-0215>
- Tajanpure, Rupali and Muddana, Akkalakshmi. "Circular convolution-based feature extraction algorithm for classification of high-dimensional datasets" Journal of Intelligent Systems, vol. 30, no. 1, 2021, pp. 1026-1039. <https://doi.org/10.1515/jisys-2020-0064>
- A Book chapter titled “Machine learning based data analytics with privacy: Privacy preserving data analytics” is published in the Handbook of Research on AI and Knowledge Engineering for Real-Time Business Intelligence by IGI publication, appeared in Scopus preview.
- International Conference on Advances in Computing and Data Sciences (ICACDS-21). Overlapped Circular Convolution Based Feature Extraction Algorithm for Classification of High Dimensional Datasets. Journal-Advances in Computing and Data Sciences. ICACDS 2021. Communications in Computer and Information Science, vol 1440. Springer, Cham. https://doi.org/10.1007/978-3-030-81462-5_20
- Diagnosis of Disease Using Feature Decimation with Multiple Classifier System. In: Dash S., Das S., Panigrahi B. (eds) International Conference on Intelligent Computing and Applications. Advances in

Intelligent Systems and Computing, vol 632. Springer, Singapore.
https://doi.org/10.1007/978-981-10-5520-1_7

- Participated in International Conference **ACN 2010 IEEECS** at Miyazaki Japan. Paper titled “Analysis of effect of different factors on burst dropping probability in Optical Burst Switched Network” is published by **CPS of IEEECS in December -10**.
- A paper named BHP saving mechanisms- An approach to improve performance of Optical Burst Switched Network is selected in IEEE-International Multi conference on Automation , Computing , Control, Communication and compressed sensing-2013 (**iMAC4s-2013**), and published in IEEE proceeding.

Declaration

I hereby confirm that all the information mentioned in this resume is accurate and, I am responsible for its correctness.

Dr. Rupali Tajanpure