R U P A L I   T A J A N P U R E - D I X I T

OBJECTIVE

To convey quality education with challenging trends of new era.

PROFESSIONAL EXPERIENCE

Total Teaching Experience - 16 Years

Approved experience of 16 Years as Assistant Professor.

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

I) 23rd june 2005 – Till the date   NDMVPS's K.B.T. COE, Nashik

Working as Assistant Professor at Information Technology Department.

The subjects undertaken for work are as,

Digital Signal Processing
Operating System
Multimedia Systems & Multimedia Techniques
Advanced Computer Architecture
Systems Programming & OS
Principles of Compiler Construction
Cloud Computing, DOS
Computer Organization and architecture
 Processor Architecture and Interfacing
Data Science and Big Data Analytics
Software Testing and quality assurance
Lab – SDTL, DSL, CNL, SL, SPL, CL-I, MMT,PSDL,SL-II,SL-VI

Institutional / Departmental Responsibilities:

- SPOC, NPTEL Local Chapter (since 2017)
- SPOC, IIRS outreach program (since 2020)
- SPOC, Smart India Hackathon (2017-2019)
- Coordinator of PMMMNMTT 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 Prize Distribution Co-coordinator for Fusion 2014
- 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 as Coordinator for Kshitij-10 Poster Presentation and also as registration committee Head.
- Worked as Dead stock Incharge for the Department.
- Worked as Coordinator for Kshitij-11 Paper Presentation and also as registration committee Head.
- Worked every year on Exam software provided by University of Pune as per requirements (till 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 SS for Examination May-June 2018
- worked as Chairman of TE Comp Hardware Lab
- Worked as Paper Setter for CO theory and online exams (2014,2022).
- Participated actively in Syllabus Framing Workshop of DSP
- Worked as internal Senior Supervisor for theory examination of FE, December 2011 examination.
- Worked as Internal & External Examiner

Professional Membership:

- LMISTE-56841

II) July 2002 – Jun 2004   Government Polytechnic, Nashik

Worked as Lecturer and subjects taught are
  Computer Graphics & Image Processing
  Data Structures
  Systems Programming
  Introduction to Information Technology

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

2007-2010

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

1997-2000

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

SKIILS

Operating Systems : Windows 9X/2000/7/Vista/ Windows 2003, 2008 Server, Linux, Novell Netware

Programming Languages : C, C++, VB 6.0, JAVA , LISP , VRML, ASP, PHP, XML, JAVA, HTML

Web Development Skills : Word press, HTML, PHP, FLASH9.0, DREAM WEAVER 8.0, PHOTOSHOP, COREL DRAW

Animation Software : 3D Max 7.0, FLASH 9.0, Macromedia Director

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

- 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

- 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.

Ms. Rupali R. Tajanpure