

RESUME

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EXPERIENCE SUMMARY:

Twenty-Five Years of strong experience in lecturer ship and administration management in Educational Institution.

CAREER OBJECTIVE:

To pursue a career in a challenging environment that offers opportunities to realize my potential and is conducive to enhance my knowledge and skills.

EDUCATION:

- PhD in Information Technology from Mumbai University in March 2020
- M.E in Information Technology from Mumbai University.
- B E in Computer Science.
- Passed Higher Secondary (HSC) from Maharashtra Board in June 1995
- Passed Secondary (SSC) from Maharashtra Board in June 1993

SKILLS/TOOLS:

- Working Knowledge of Manual Testing (BLACK AND WHITE Box Testing)
- Working Knowledge of Win runner Automated Testing Tool
- Expertise in LINUX (Administration.)
- Proficiency in C/C++
- Proficiency in Python
- Expertise in Computer Hardware assembling, maintenance and troubleshooting
- Expertise in Managing Wired and Wireless Networks with 500+ Terminals
- Working Knowledge of Java, Hadoop

Paper Publication: -

International Journal: - 09 (International Journals), 05 (Springer Journals), 05 (IEEE explore) and 16 in Other International Journals, International Conference/ National Conference; 22 Scopus papers published.

- Two students have successfully completed the PhD from University of Mumbai
- One Indian patent granted
- Five Indian patents published
- Two Copyright registered
- Guided around Twenty Five students at PG level
- Appointed as a member of Academic Council for Anjuman-I-Islam's Kalsekar Technical Campus, School of Engineering and Technology college by University of Mumbai.
- Board of Study (BoS) member Information Technology branch at University of Mumbai.
- BoS member for Vivekanand Institute of Technology, Chembur for Information Technology branch
- Member of Technical Evaluation Committee for evaluating software purchasing for Solapur University.
- District Co- coordinator for “**AVISHKAR**” (University of Mumbai- Student Research Symposium)
- Member of University Moderation Result approval committee convenor / member since Second Half of 2020 examination
- DAB member and course evaluator for Information Technology department at Xavier Institute of Technology, Mahim, Mumbai
- DAB Member Information Technology Department at Tiwari College of Engineering, Mira Road, Mumbai.
- Worked as a session chair for international conference.
- Working as a reviewer for IEEE access from past One Year.
- Convenor for Automata Theory subject syllabus setter for SE Sem IV CBCGS C Scheme Information Technology branch.
- Member for Analysis of Algorithms subject syllabus setter Sem IV CBCGS C Scheme Computer Engineering branch.
- Member of D.E.P.D.S department security inspection team appointed by University of Mumbai for 2017-2018 year.
- Work as a CAP Co-Ordinator appointed by University of Mumbai for May 2017 examination.
- Member for Analysis of Algorithms subject syllabus setter Sem IV CBCGS C Scheme Computer Engineering branch.
- Member for Open Source Technology subject syllabus setter Sem V CBSGS Scheme Information Technology branch.
- Member for syllabus setter at ME Sem I & II CBSGS Scheme Information Technology branch.
- Session chair at “**MULTICON – W-2017**” at Thakur College of Engineering.

PROFESSIONAL EXPERIENCE:

A.) Working in **Vidyalankar Institute of Technology Wadala (East) as Professor in Information Technology department and Controller of examination from **(Feb 2009 to till date)****

- Controller of Examination at VIT college.
- Mumbai University BoS (Board of Study) member for Information Technology branch
- Mumbai University approved PhD Guide for Computer Engineering and Information Technology.
- Presently, I am a PhD supervisor of three students, doing PhD at Mumbai University;
- Conducting lectures and practical for various courses at UG and PG level (Data Analytics, Machine Learning, Advance Algorithm and Complexity, Cyber Security, Network Design and Management and Enterprise Security and Risk Management , Information Security and Analysis of Algorithms and Design).
- Guiding students for project work at UG and PG level (around 20 students guided at PG level)

B.) Worked with **Atharva College of Engineering, Atharva Educational Trust (AET), Malad (w) **(Aug 2000 to Jan 2009)****

a) Assistant Professor

- In charge H.O.D. INFT Department
- Conducting Instructor Led Training Programmes, lectures and practical for Mobile Computing, Info Security, Data Structure, TCS, AT, OSU, Dist. System, CN, OOAD and MIS subjects.
- PIC IGNOU Program Study Center.
- Co-ordinator for University of Mumbai Distance education course (MCA & BSc IT)
- Exam section In charge.

b) System Administrator

- Installation & TCP/IP Configuration of Clients and Servers
- Setting up Secure NFS Servers
- Setting up SQUID Server
- Setting up SAMBA servers
- Set up a secure OpenSSH server
- Set up Intranet Web Servers with APACHE
- Set up a secure FTP and Telnet Servers
- Setting up LVM for dynamically extending and reducing partition
- Setup of secured Wi-Fi campus

B) Worked as a **Lecturer at Parshvanath **College of Engineering** Thane for 10 Months **(Duration Oct 1999 to July 2000)****

Work Profile:

Conducting Instructor Led Training Programmes, lectures and practical for OS, CMA and CP-II subjects

- C) Counselor for CDAC and NCST courses at Atharva Institute of Information Technology, AET, Malad(W) from Jan 2000 to Dec 2000

Responsibilities included the administration conducting lectures for OS, DCN subjects

Books :- 1) Co author of Book Real-World Machine Learning: A Practical Approach by IIP Publication ISBN No 978-93-5747-275-3.

2) Co author of Book Blockchain Technology by sybgenlearning

3) Co author of Book Software Engineering Publish by Dreamtech Press ISBN No 9789350040393

Work shops and Conference attended:-

- Attended one week TQEP II sponsored workshop on Information Security and Forensic Analysis organized by VJTI Mumbai
- Attended one week AICTE / MHRD sponsored workshop on Network Security organized by NIT Surat.
- Participate in International conference iCOST 2011- Computer Engineering organized by BSD CoE Dhule.

Research Topic: - INVESTIGATING BIG DATA ANALYTICS IN INDIAN INDUSTRIES FOR BUILDING**EFFICIENCIES**

This research can contribute theoretically as well as conceptually towards knowledge in business model adaptation and innovation. As mentioned initially, by recognizing relationships between industrial or sectoral characteristics and business model component innovation, this research helps in understanding how to adjust a business model when certain conditions and situations, i.e., characteristics of a sector, are given. In addition, there has never been any investigation pertaining to how the characteristics of industries relate to a business model. This study attempts to combine aspects that can differentiate various industries and subsequent improvements of a business model, especially when implementing **big data**. Realistically, this research could be beneficial for firms that are implementing or planning to implement **big data** in their respective business operations.

Details of Some Project Guided:**Movie Recommendation System Using Hadoop Framework**

The aim of this implementation of Recommendation System on User Preferences-based Collaborative filtering algorithm using Map Reduce Approach for Big Data Applications. This project the better evaluation of the user preferences i.e., user requests in the form of keywords and the history of other user giving the request for the same keywords using Collaborative Filtering using correlation similarity algorithm. For scalability and efficiency issues we evaluate the results in Hadoop platform on Map Reduce approach.

Heart Disease Prediction using Ensemblers Learning

The fundamental objective of this project is to develop a heart prediction system. The system and the framework can find and concentrate concealed information related with ailments from a verifiable heart informational collection. Heart disease prediction system intends to use information mining systems on clinical informational index to aid the forecast of the heart infections.

A Blockchain based E-Heath Record System

The purpose of this project is to work out whether medical clinics with completely actualized EHR frameworks would be advised to quiet results contrasted with emergency clinics with halfway or no executed EHR framework after controlling for other significant patient and clinic qualities. This project gives new data about the association between the execution of an EHR framework and accordingly the nature of human services conveyed inside the inpatient setting, using Blockchain Technology the main purpose is to supply classification to persistent clinical records exploitation

PERSONAL DETAILS:

Date & Place of Birth	: May 16 th , 1977; Amravati
Languages Known	: English, Hindi, Marathi and Sindhi
Marital Status	: Married
Extra Curricular Activities	: Member of IEEE, CSI and ISTE organization.
Passport Details	: Y7432431, valid till 2033

I hereby declare that the above statements are true to the best of knowledge and belief.

Dr. DILIP MOTWANI