CURRICULUM VITAE

Mrs. Mayura Rupesh Nagar
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Professional Strengths:

- Possess 16+ years of professional teaching experience in which 2 years of UGC Approved Experience..

- Pursuing *Ph.D. from Mumbai University* as well a s having *dual Master degree in Computer field*.

- Two times(Year-2022 and 2009) **winner in "Avishkar"**, research convention.

- Worked 2years as **Head of IT and Digital Media in freelancing for EXPATKEY PROPERTIES, Colombo, Sri Lanka**.

- Workaholic, Hardworking, Self-motivator, and excellent team player.

Educational Summary:

Ph.D	2015-16	Sardar Patel Institute of Technology,Mumbai	Pursuing	Pursuing
M.C.A.	2011	Guru Jambheshwar University, Hisar	71.57 %	First Division
M.Sc (Computer Science)	2006	North Maharashtra University, Jalgaon	71.83 %	Distinction
B.Sc (Computer Science)	2004	North Maharashtra University, Jalgaon	60.00 %	First Class
H.S.C.	2001	Nasik Board	55.33 %	Second Class
S.S.C.	1999	Nasik Board	75.73 %	Distinction

Professional Experience:

Currently working as,

- **K.J.Somaiya Institute of Management, Vidyavihar University,Vidya Vihar(E),Mumbai**

  Designation   : **Assistant Professor**

  Duration   : **Currently Working** [26th December 2022 – till date]

  Subject taught :Deep Learning , Data Driven Decision Making,Software Project Management

- **Kes Shroff College, Kandivli west,Mumbai**

  Designation   : **Assistant Professor**

  Duration   : **1 year** [3rd January 2022 – 24th December 2022]

  Subject taught : DBMS, Deep Learning, Machine Learning, Introduction to data science and Analytics, Data science with python, IT in Accounting, Advance Excel,Software Engineering and Project Management.

- ✓ Active Member of Center of Innovation, Incubation and Entrepreneur Cell.
- ✓ Handling Departmental NAAC Criteria-1.
- ✓ Active member of Center for E-learning Cell.
- ✓ Active member of departmental Zero Gravity Club.

worked at following institutes as Visiting Faculty from June 2021 to December 2021,

- **Visiting faculty at Sardar Patel Institute of Technology, Andheri west**
  Teaching- Ionic Framework App Development Practical
- **Visiting faculty at D.J. Sanghavi College of Engineering, Vile Parle**
  Teaching- Database Management System Practical

- *Micro Vision Academy, Burhanpur (MP)*

  Designation   **: PGT Teacher and Head of IT labs**

  Duration   : 3years [1st April 2018 – 31st December 2021]

  Subject taught : Visual Basic 6.0, Programming in C++, Data Structures, Computer Fundamentals with their respective labs,HTML,XML.

- *Expatkey Properties Pvt Ltd, Colombo [Sri lanka]*

  Designation   **:** Head of IT and Digital Media

  Duration   **:** More than 2 years [11 January 2019 – 31st March 2021]

  *Roles and responsibilities***:** Social media marketing, Company database management, Management of Property profiles, Uploading and Managing properties on the global web portal, working as Sales and Executive Manager for Expat people, and many more.

- *Sardar Patel Institute of Technology, Andheri (W)*

  *Designation***:** Assistant Professor

  Duration   : Currently working [1 July 2014 – 28th February 2018]

   *Subject taught***:** Artificial Intelligence, Data Mining, Decision Making, and Mathematical Modeling, Operations Research, Probability and Statistics, Software Engineering, Multimedia and Technology and Labs of Data mining, Operating System, Wireless and mobile Technologies, Computer Networks.

1. Teacher Training Workshop on *"E-Learning: Challenges and Opportunities"* conducted by AICTE conducted on 22nd April at SPCE.
2. Delivered an Expert Lecture for TYMCA on *"How to search, read and write a research paper: More focus on literature Survey & Literature Review"*. (Jan'17).
3. Actively participated in Research Activity *Avishkar-2017* under Ph.D. student category (Sept'16).

4. One of the active members in the *Syllabus Revision Committee of Mumbai University* for the subject "Probability and Statistics" (June 16).

5. Worked as an active member of organizing committee for a One-week workshop on *"Writing Research Proposal and Patent"* in the association of Mumbai University and technically sponsored by IEEE, WIE.

6. Worked as an active member of the organizing committee for a one-day faculty development program on *"Data Warehousing and Data Mining".*

7. Worked as an active member of organizing committee for a Two-day workshop on *"Research Paper Publication and Patent Search"* in the association of Mumbai University and technically sponsored by IEEE.(5th -6th Feb 2016)

8. Worked as an active member of the Web *Publication team* for the International Conference (ICCICT-2015).

9. Worked as an active member of the *Technical Support team* for the *"Indian Science Congress"* heldat Mumbai University.(3rd-7th Jan 2015)

• *Micro Vision Academy, Burhanpur (MP)*

   Designation: Senior Lecturer

   Duration   : 3years [June 2011 – March 2014]

   Subject taught : Visual Basic 6.0, Programming in C++, Data Structures, Computer Fundamentals with their respective labs,HTML,XML.

• *MAEER's Arts Science and commerce college,Aalandi, Pune*

   Designation   : Lecturer in Computer Science (MCA / B.Sc)

   Duration   : 1year [June 2010 – May 2011]

   Subject taught   :RDBMS, Mobile Computing, Software Engineering, C language with respective Labs.

• **R.C.Patel's Institute of Management and Research Development, Shirpur**

   Designation   : Lecturer (MCA/ UG)

   Duration   : 2years [July 2008 – June 2010]

   Subject taught: Theoretical Computer Science (TCS) , Compiler Construction (CC), Linux , Operating System, Distributed Computing

• **Smt.Sharachandrika Suresh Patil,Institute of polytechnic,Chopda**

   Designation   : Lecturer (Computer/ Information Technology)

   Duration   : 2years [July 2006 – July 2008]

   Subject taught : Visual Basic 6.0, C++, Data Structure, C, Object Oriented & modeling design, Oracle 9i

Recent Certifications and Events attended:

▪ One-month hands-on training on *"IBM's Data Analysis, Machine Learning, and DeepLearning"*

▪ One Week Instructor Led Live Online Training On Deep Learning Using Medical Data rd th held during 03 - 07 May 2021 Organized by Finland Labs (A Unit of Revert Technology Pvt. Ltd.).

▪ One-week ONLINE FACULTY DEVELOPMENT PROGRAM on *"ARTIFICIAL INTELLIGENCE"* from 22-05-2020 to 26-05-2020 organized by Department of Computer

Science and Engineering of Vardhaman College of Engineering in collaboration with BrainOvision Solutions India PVT.Ltd.

Membership Professional Bodies:

Life Time Member of Indian Society for Technical Education (ISTE)-2017
[[Membership No- LM 115270]
- Member of International Association of Engineers(IAENG), Hong Kong (**62290**)
- Member of ACM-CSTA(Computer Science Teachers Associations), USA

Patent / Funded Research Projects :

- IEDC Funded Project "Trek-O-Mania", Filed Patent. Received 10,000/- fund for that project (AY 2015-16).

International Publication :

- International Conference on "Computing for Sustainable Global Development",INDIACom-2022; **"A Systematic Literature Review: Role of AI Algorithms for Automated Diagnosis of Diabetic Cardiac Autonomic Neuropathy [DCAN] "** , 23rd - 25th March 2022, at Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi (INDIA).

- International conference on Advancements in Computing & Management (ICACM-2019), **"Crime Spot Detection for Chain Snatching Using Data Mining",** April 13 2019 at Jagannath University, Jaipur, India.

- Paper Presented at IEEE International Conference on Computing Methodologies and Communication (ICCMC), **"Classification based data mining algorithms to predict slow, average and fast learners in educational system using Weka", J**uly 19 2017 at Erode Chennai,India

- Paper Presented at IEEE International Conference on Computing Methodologies and Communication (ICCMC), **"Big Data analytics in agriculture and distribution channel" J**uly 19 2017 at Erode chennai.

- INDIACom-2017, IEEE International Conference on computing for sustainable global development, Paper: ***"Role of SMAC Technologies in Diabetes Management using Intelligent Tutoring System (ITS)",*** scheduled on 1st March -3rd March 2017.

- International Journal of Multidisciplinary Research Review(IJMDRR), (ISSN 2395-1877 Print),Article: "**Expert System for Early Detection of the foot ulcer in Peripheral Neuropathy using Thermography**", March 2016.

- International Journal for Scientific Research and Development**, "Personalized Intelligent Tutoring System using Reinforcement Learning for an Autistic Student to teach Skating",** April 2016.

- International Journal of Multidisciplinary Research Review(IJMDRR), (ISSN 2395-1877 Print),Article: "**Analysis on Leprosy Treatment for Preventive Health care: A Survey**", March 2016.

- International Journal of Applied Information Systems(IJAIS), Foundation of Computer Science, New York, USA ISSN : 2249-0868, *Article: Intelligent Tutoring System: A Case Study of Mobile Mentoring for Diabetes*, Volume 3, No 8, August 2012.

- International Journal of Scientific and Engineering Research (IJSER) - (ISSN 2229-5518), *Article: Achieving a Real Multitasking, Multiprocessing and Multithreading by using Monitors*, IJSER Volume 3, Issue 9, September 2012.

National Publication:

● Successfully Paper presented in "National Seminar on Computational Techniques for Engineering Applications" at Bhopal.

Paper Presented:

• An Intelligent Tutoring System: A Case Study of Mobile Mentoring for Diabetes.

• VOIP Protocol

• An Era of IT Globalization

Achievements & Awards:

• Awarded Second Prize for *University Level* Research Activity **"Avishkar-2022"** At Mumbai University on 5th May 2022.

• Project got selected for the *Final District Level of* Research Activity **"Avishkar-2022"** At Mumbai University on April 2022.

• Awarded Second Prize for *University Level* Research Activity **"Avishkar-2009"** At North Maharashtra University on 2nd December 2009

• Awarded Second Prize for *State Level* Research Activity **"Avishkar-2009"** At Solapur University on 13th January 2010.

• Participated in Research Activity for *Zonal Level* **"Anveshan-2010"** at Baroda.

Events Attended :

• Participated in a Research colloquium conducted in alliance with the International Conference on Communication , Information and Computing Technology (ICCICT-2021) on 26th June 2021.

• Attended One-day webinar on *"Kick start your Research work"* hosted by Department of Computer Science & Engineering on May 30, 2020.

• Attended webinar *"Data Analytics- Innovative Research methods and Data Analysis"* conducted on 23-05-2020, organised by Dept. of Computer Science and Engineering, Vignan's Institute of Management and Technology for Women, Hyderabad.

• International webinar on *"Futurist information and communication Technologies"* held on 10th May 2020.

• Attended webinar on 27th and 28th May 2020 on *"Data Analytics"* organized by Department of Information Technology, ST. Joseph's Institute of Technology,OMAR,Chennai.

• Participated in two-week ISTE STTP on *"Introduction to Design of Algorithms"* Conducted by Indian Institute of Technology, Kharagpur. From 27th April 2015 to 30th May 2015.

• H.R. Meet on *"Talent Acquisition and Management: Issues and Challenges"* on 14th March 2009 organized by Management Association of MCA Institutes (MAMI),Pune.

• Seminar on *"I.T. Enabled Education Transformation"* on 13th Dec 2009 organized by CSI Nashik Branch.

• Workshop on *"Corporate Social Responsibility & Business Ethics."* On 9th March 2009 organized by the Department of Mgt. Studies , NMU Jalgaon.

• Seminar on *"Emerging Trends in Information Technology and Computer Science"* on 21st February 2010 organized by R.C.Patel's I.M.R.D., Shirpur.

Roles & Responsibilities:

• **Active Participation in Various Committees** – Class Teacher, Training & Placement, Computer Society Of India (CSI), Communication Skill, Website Updation, MAMI Chapter Activity, Annual Day, Parent-Student Meet, Teacher-Parent Committee, National Seminar - Guest In-charge, Cultural Committee.

- **Active Role** - Host of Various Programs, Practical Examiner, External Paper Evaluator, MSCIT Exam Controller, Career Guider.

Personal Details :

- *Date of Birth* : 02 / 01 / 1984
- *Husband Name* : Mr. Rupesh Nagar, Country Manager in Mahindra and Mahindra (International Business)
- *Languages known*: English, Hindi, Marathi, Gujrathi

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Mumbai
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Declaration :

I hereby declare that all the above information is correct according to the best of my knowledge.

(Mrs. Mayura Rupesh Nagar)