

CURRICULUM VITAE

MANTHAN. J. SURTI.



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Objective

Seek a position to utilize my skills and abilities in the Educational Society that would offer professional growth, while being resourceful, innovative and flexible.

Experience

- Currently Working as an **Assistant Professor** from **6/8/2024** to till date at **St John College of Engineering and Management, Palghar.**
- 1 year 1 month experience as an **Assistant Professor** from **1/7/2023** to **2/7/2024** at **Shree Parekh Engineering College, Mahuva, Bhavnagar.**
- I was worked as a **HOD of Computer/ IT** department at **Shree Parekh Engineering College, Mahuva, Bhavnagar** from **1/7/2023** to **2/7/2024.**
- **GTU Endorsed** Faculty (File Outward No.: **GTU/SEB/DegEngg/147/2023/6201**).
- **10-month** experience as an IT Manager Working from **8/8/2022** to **31/5/2023** at Credit wise Capital, Mumbai.
- **8 years'** experience as an **Assistant Professor** from **1/10/ 2015** to **1/08/2022** at **Laxmi Institute of Technology, Sarigam.**
- **GTU Endorsed** Faculty (File Outward No.: **GTU/SEB/DegEngg/086/7345**).
- **2 years'** experience as a **Lecturer** in **Laxmi Institute of Technology, Sarigam** from **25/07/2011** to **12/07/2013.**

Administrative Activities

- I am appointed as a **GTU Coordinator** at **Shree Parekh Engineering College, Mahuva** Since from the joining to till date.
- I am handling **AICTE work** for **Shree Parekh Engineering College, Mahuva** since from the joining to till date.
- I am handling **GTU Affiliation work** for Parekh Engineering College, Mahuva since from the joining to till date.
- I was appointed as **Co-ordinator** of **Central Examination Committee** at **Laxmi Institute of Technology** from **2/6/2012 to 12/7/2013** and from **1/10/2015 to 1/8/2022**.
- I was appointed as the **I/C Sports Coordinator** at **Laxmi Institute Of Technology** from **2019 to 2022**.
- I was appointed as the **Chairman of Sports** for the **Sports Week 2016, 2017 ,2018**, at **Laxmi Institute of Technology**.
- I was appointed as the **Nodal Officer** of the **Help Centre for Admission Commit for Diploma Professional Course** at **Laxmi Institute Of Technology**.
- I had work in **AICTE team** of **Laxmi Institute of Technology**, for approval of **Diploma program** in existing Degree College and for **increase of intake in Degree program** for **2012-2013**.And also worked for same in the academic year **2013-2014**.

Subjects Taken

- Machine Learning
- Agile Development & UI/UX Design
- Computer Vision
- Python Programming
- Artificial Intelligence
- Data Analysis and Visualization
- Data Warehouse and Data Mining
- Computer Networks
- Object Oriented Programming with Java
- Database Management System
- Data Structures
- Operating System
- Web data Management
- Data Mining and Business Intelligence
- Computer programming & Utilization
- Summer Internship

Certifications

- Completed National Programme on Technology Enhanced Learning (NPTEL) 12-week course on “**Programming in Python**” with a consolidated score of **88%**. [Jan-April 2024].
- Coursera certification in “**Python**”
- Coursera certification in “**SQL for Data Science**”.
- Coursera certification in “**Introduction to Data Analytics for Business**”
- Completed **Oracle 10g DBA** Course from ITS Data Solution Pvt.Ltd, Ahmedabad in April 2011.
- Certified Oracle Engineer with “**Oracle 10g Certified Professional**” certificate.

Paper Publication

- “**MFCC Based Speaker Identification in Real World Environment**” published in international journal for science and advance research in technology (IJSART) in **April 2015**.
- “**Traffic Estimation and Routing using K-MEANS Clustering Algorithm**” published in international journal for science and advance research in technology (IJSART) in **April 2017**.
- The “**BINDER**” published in International Journal of Emerging Technology and Advanced Engineering in **April 2018**.
- The “**DIGITAL HEC**” published International Research journal of Engineering and Technology in **May 2020**.
- The “**AAPNI FARIYAD**” published in International Journal of Recent Development in Engineering and Technology in **March 2021**.

Book Published

- Published Book on “**Agile Development & UI/UX Design**” as per **GTU syllabus** in Technical Publication, ISBN: 978-93-91567-44-6
- Published Book on “**Data Compression**” as per **GTU syllabus** in Technical Publication, ISBN: 978-93-91567-15-6

- Published Book on “**Data Visualization**” as per **GTU syllabus** in Technical Publication, ISBN: 978-93-90770-58-8
- Published Book on “**Software Process & Project Management**” as per **JNTU syllabus** in Technical Publication, ISBN: 978-93-91567-31-6
- Published Book on “**Data Analysis and Visualization**” as per **GTU syllabus** in Technical Publication, ISBN: 978-93-91567-62-0

Attended /Organized FDP's/STTP's/Workshops

- Attended 6 days FDP “**Recent Trend in AI, ML and Deep Learning**” organized by BVM Engineering College, Bharuch, Gujarat.
- Attended 5 days ATAL FDP “**Computer Science & Biology**” organized by SITRC, NASHIK.
- Attended 5 days ATAL FDP “**Data Science**” organized by Gudlavalleru Engg. College, Kakinada, Andhra Pradesh.
- Attended 5 days GTU FDP on “**Cyber Security Threats and Safeguards**” organized by GTU Chandkheda, Ahmedabad, Gujarat.
- Attended 6 days FDP “**Advanced Communication using IoT and WSN**” organized by D.Y.Patil College of Engg., Akurdi, Pune.
- Attended 6 days FDP “**Recent Trends in CSE PHASE -I,**” organized by St. Mary’s Women's Engg College, Guntur ,Andhra Pradesh.
- Attended 6 days FDP “**Recent Trends in CSE PHASE -II,**” organized by St. Mary’s Women's Engg College, Guntur, Andhra Pradesh.
- Attended 7 days FDP “**Intelligent Learning**” organized by ANITS, Vishakhapatnam, Andhra Pradesh.
- Attended 5 days FDP “**Inculcating Universal Human Values in Technical Education by AICTE**” organized by AICTE, New Delhi.
- Attended 3 days FDP “**Advanced Concept of Outcomes-based Education**” organized by Inpods-Ed-Tech.

Academic Profile

PhD (Pursuing) In (Computer/IT) Part-Time From Gujarat Technological University Enrolled In Batch 2023.

Enrollment No: 239999913028

Research Topic: “An Analysis of Impact of Using Different Activation Function Among Hidden Layers In Artificial Neural Network”

EXAMINATION	UNIVERSITY	PASSING YEAR	PERCENTAGE	CLASS
PHD PART -TIME (COMP/IT)	Gujarat Technological University	Pursuing	-	-
M.E(I.T)	Gujarat Technological University	July-2015	71.60%	Distinction
B.E(I.T)	Bhavnagar University	May-2009	62.62%	First
H.S.C	GSHEB	March-2005	51.69%	Second
S.S.C	GSEB	March-2003	88.14%	Distinction

M.E Desertion Topic

Title: “Mel-frequency cepstral coefficients (MFCC) Based Speaker Identification” in Real World Environment.

Description: Speaker identification is important research area of speech processing. SI means identifying the speaker based on his spoken speech. The main use of SI is to recognize the speech owner based on the speaking style of the speaker. To improve the performance of SI in a real-world noisy environment, we propose a technique which is a variant of MFCC. Proposed MFCC include wiener filter which is good for handling the noise in speech.

B.E Project's

- **“Human Resource Management System”** in Asp.Net.
- **“Hostel Management System”** in Visual Basic.

Skill Set

Operating Systems	Windows 11, Linux (Red Hat), UNIX
Database	Oracle 19c , SQL server 2017, 2019
Programming Language	C, C++, Java, Python, NO SQL, SQL, PL/SQL
Web Technology	XML, HTML, Internet and Intranet
Area Of Interest	Machine Learning, Data Science, Python Programming, Data Analysis and Visualization, Agile Development and UI/UX Design, Computer Vision

Personal details

Date of Birth : 18th July, 1988
Father's Name : Jayantbhai D. Surti.
Gender : Male
Marital Status : Married
Nationality : Indian

Permanent Address : At-Post Nargol, Mahyavanshi Falia,
Via-Sanjan, Taluka-Umbergoan,
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I assure the above information is true to the best of my knowledge.

Manthan J Surti

Place: Nargol

Date:

