

## CHAITALI HITESH MHATRE



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### OBJECTIVE:

To establish myself as a dynamic and competent Engineer, equipped with latest tools, techniques and knowledge that will enable me to secure a position as a teacher and utilized my dedication to foster quality education required for the student's development.

### ACADEMIC-QUALIFICATION:

Examination passed	Percentage Obtained	Class	Year of Passing	Name of Institute
S.S.C. exam (Mumbai Board)	82.76%	First class	March 2008	N.E.S Eng. Med. SCHOOL & JR College, Bhiwandi, Dist. Thane
Diploma in Computer Engineering (M.S.B.T.E Board)	Aggregate 67.24%	First class	May 2011	Parshvanath College of Engineering, Thane (Mumbai University)
Bachelor Degree in Computer Engineering	Aggregate 60.57%	First class	May 2015	K.C. College of Engineering, Thane (Mumbai University)
Master in Computer Engineering	8.08 ( CGPI)		Dec 2024	Shree L.R.Tiwari College of Engineering

### PATENT DESIGN PUBLISHED:

- 1) Aqua drone to collect floating waste from waste Reservoir.

Date of Registration: 13th September 2024.

- 2) A System for Predicting the progression of chronic Kidney disease (CKD).

Date of Publication: 25/10/2024

### MASTER OF ENGINEERING PROJECT (ME PROJECT):

Automatic Number Plate Recognition (ANPR) using Image Processing Algorithms, OpenCV and Smart Parking System using IOT.

### Research Paper Published:

1. Deep Learning Based System for Early Detection and Classification of Melanoma Skin Cancer- A Systematic Review. (Elsevier Scopus)(2025). *Journal of Carcinogenesis*, 24(2), 26-34. <https://doi.org/10.64149/J.Carcinog.24.2.26-34>

2.Chaitali Ashok Patil, Aabha Amey Patil, "Automatic Number Plate Recognition (ANPR) Using Image Processing Algorithms, OpenCV And Smart Parking System Using IOT" (2024)

[https://ijcrt.org/viewfulltext.php?&p\\_id=IJCRT2402477](https://ijcrt.org/viewfulltext.php?&p_id=IJCRT2402477)

#### **FINAL YEAR DEGREE PROJECT:**

Website Security for Detecting Phishing Sites using Anti-phishing

This project detect the fake bank URL to provide the user with the benefits of not getting fraud while doing any bank transactions. The project is based on PHP language.

#### **FINAL YEAR DIPLOMA PROJECT:**

- Result Processing System is the system in which able to display result of the students based on their enrollment numbers. The project was done on the VB 6.0 as the multiple of forms were used

#### **ADDITIONAL QUALIFICATION AND CERTIFICATION:**

- Animation in MAAC ACADEMY (PHOTOSHOP, FCP, FUSION, SOUND PREMIER)  
MAAC Academy, Thane
- MS-CIT, & Tally

#### **TECHNICAL LANGUAGES:**

IOT, Python, Web Computing, Mongo DB C, C++, OOPS, Java, C#, ASP.NET, MySQL, GUI, Data Structures, ADO.NET, UML, VB.NET, XML, RDBMS, Advance Java, ORACLE, STAR UML, HTML, CSS, Java Script, Microprocessor 8085, 8086 programs.

**SUBJECTS TAUGHT:** Machine Learning, Data warehousing and Data Mining, Blockchain Technologies, Deep Learning, Python, Web Computing, DBMS, COA, AOA, DSGT.

#### **INTERESTS:**

- Reading about latest and new technologies
- Computer Communication, Networking and Programming
- Net Surfing

**WORK EXPERIENCE:**

Currently working Universal College of Engineering, Kaman(vasai)- Date of Joining-03/01/2025

**Designation at Organization**-- Assistant Professor at Computer Engineering

**Subject teaching:** Machine Learning (TE-SEM VI AIML), Data warehousing and Data Mining (TE-SEM V COMPUTER).

Member of Women Development Program.

Vidhyavardhini's College of Engineering, vasai -Date of Joining-19/6/2024 to 31/12/2024  
(6 Months Experience)

Designation at Organization – Assistant Professor at Computer Engineering and Data Science (CSEDS).

**Subject taught:** DSGT-Discrete Mathematics and Data Structures (SE-SEM III),  
Blockchain Technologies(BE-SEM VII), Data Structure lab (SE-SEM III),Digital Logic and Computer Architecture lab (SE-SEM III) for odd semester Academic year (2024-25).

Industrial Visit to Raw Engineering and Content stack with students.

Experience of NAAC Committee.(Criteria 3)

The Scholar's English School & Jr. College, Bhiwandi (2017-2021)-3years of experience  
Designation at Organization - Computer Science (CS) Teaching for STD 11<sup>th</sup>& 12<sup>th</sup>.  
Exam Committee

Shubhamraje Jr. College, Thane (2015-2017)-3 years of experience  
Designation at Organization- Information Technology (I.T.) Teacher for STD 11<sup>TH</sup>& 12<sup>TH</sup>.

Board external to other college (Twins Jr. College, Manpada) & Pace College, Thane for STD 12<sup>TH</sup>

Information Technology (I.T.) Subject.

Undertaken Information Technology HSC board online Exam.

Assessment of Information Technology Online Papers of HSC Board Exam at NM College, Vile Parle

**Courses FDP/STTP completed in this Semester :**

- 1) NPTEL-AICTE -FDP-Accreditation and Outcome Based Learning (OBE) held on 3<sup>rd</sup> November 2024 with a consolidated score of 62%.
- 2) NPTEL-AICTE -FDP-on Introduction to Machine Learning held on 25<sup>th</sup> October, 2025 with a consolidated score with 56%.
- 3) NPTEL-AICTE -FDP-on Block chain Technologies and Its Applications held on 27<sup>th</sup> April, 2025 with a consolidated score with 43%.
- 4) 3-days-Facte-to-Face FDP on Inculcating Universal Human Values (UHV) in Technical Education organized by AICTE(July 2024)
- 5) STTP on “Microsoft Power Bi Data Analyst associate” organized by vidyavardhini’s college of Engineering and Technology Approved by AICTE held during 24/06/2024 to 29/06/2024.
- 6) Completed AICTE Training and Learning (ATAL) Academy Faculty Development Program on Next- Gen Computing in India: Paving the Way for a Digital Future at THAKUR COLLEGE OF ENGINEERING & TECHNOLOGY from 16/12/2024 to 21/12/2024.
- 7) FDP on National Intellectual Property Awareness Mission organized by Intellectual Property Office, India on 6<sup>th</sup> august, 2024.
- 8) One week ISTE Approved FDP Program on “Cyber security, Ai and Quantum: Emerging Frontiers in Technology”, Conducted from 3<sup>rd</sup>-8<sup>th</sup> March, 2025 by the department of AI\_DS, AI\_ML and CSE (ICB) of Dwarkadas J.Sanghvi College of Engineering.

**Student Development Program:**

- 1) SDP on “Awareness of AI tools” Organized by Vidhyavardhini’s College of Engineering from 26<sup>th</sup> to 31<sup>st</sup> December 2024.

**PERSONAL INFORMATION:**

Date of Birth : 12<sup>th</sup> October, 1992  
Nationality : Indian  
Languages : Marathi, English and Hindi  
Marital Status : Married

References available on request

(Chaitali Mhatre)