

NAME : Mohini Rajesh Mehta
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CAREER OBJECTIVE

To serve in leading educational institution like yours and to contribute for doing the best of my effort for your institution, where I can show my talent and benefited to the institute.

EXPERIANCE

- Currently Working as Assistant Professor (Contract Basis) at Dr. Babasaheb Ambedkar Technological University, Lonere. **(From February 2019 till present)**
- **6 months** : Worked as teaching assistant (TEQUIP-II) at Dr. Babasaheb Ambedkar Technological University, Lonere
- **8 months** : Worked as teaching assistant in Hirwal College of CSIT, Mahad
- Appointed as external examiner for T.Y.B.Sc IT SEM-V Pratial/Viva for IoT
- **Subjects Taught**

<i>Internet of things</i>	<i>Computer Network</i>
<i>Numerical Methods</i>	<i>Signal and systems</i>

EDUCATIONAL QUALIFICATION

Qualification	Board / University	Institution	Year	Percentage	Class
D. Pharmacy	Mumbai University	Navyug Collge of Pharmacy ,Mahad	2022	60%	First Class
M. Tech (EXTC)	Dr. B.A.T.U. Lonere	Dr. B.A.T.U. Lonere	2018	8.96 (CGPA)	Distinction
B. Tech (EXTC)	Dr. B.A.T.U. Lonere	Dr. B.A.T.U. Lonere	2015	7.81 (CGPA)	First Class
HSC (XII)	Mumbai University	Mangaon Junior College, Mangaon	2011	82.83%	Distinction
SSC (X)	Mumbai University	Ashokdada Sable Vidhyalaya , Mangaon	2009	88.76%	Distinction

IT SKILLS

- **Software Proficiency :**
 1. Languages : C, Embedded C, VHDL, MATLAB, Python
 2. Familiar Platforms : MATLAB, Multisim, Xilinx, Keil, MPLAB IDE, Turbo C
 3. Microprocessor: 8085,8086
 4. Microcontroller: 8051
- **Area of Interest:** Signal and System , Digital Image Processing, Digital Electronics
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AADEMIC PROJECT

M.TECH PROJECT	Identification of snake type from images using MATLAB	It identifies the name and type of snake from images using PCA and displays it on LCD. This system is useful for saving snakes, 1 st aid treatment for snake bite.
B.TECH PROJECT	Electronic Notice Board	It receives message via GSM module from authorized user and display the message on notice board. It is useful in emergency situations.

WORKSHOPS & EVENTS

- Completed two-week Industrial training at Logsun Systems in May 2013.
- Attended two days' workshop on ANDROID ROBOT at Dr. B. A.T.U., Lonere
- Attended four weeks PLC course training at Pune.
- Attended two days workshop on Cisco Network Design & Implementation at COEP, Pune
- Attended workshop on PLANNER ANTENNA DESIGN at Dr. B.A.T.U, Lonere.
- Attended workshop on INTELLECTUAL PROPERTY RIGHTS conducted by RUSA at Dr. B.A.T.U., Lonere.
- Attained one week AICTE FDP on STATISTICAL INFERENCE AND LINEAR ALGEBRA at Dr. B.A.T.U Lonere.
- Attained two days workshop on TYBSC IT REVISED SYLLABUS & EXAM PATTERN at ICS college Khed.
- Attained one day workshop on NATIONAL EDUCATION POLICY-2019 at Dr. B.A.T.U., Lonere.
- Attained one-week AICTE FDP on EMBEDDED SYSTEM & IOT at I.O.P.E. Lonere organised by National Institute of Technical Teachers Training and Research Chandigarh.
- Attained one week FDP on CYBER SECURITY by AICTE training and Learning academy, Vadodara at Dr. B.A.T.U Lonere.
- Attained one week FDP on ARTIFICIAL INTELLIGENCE by AICTE training and Learning academy, Vadodara at Dr. B.A.T.U Lonere.
- Attained one week FDP on DATA SCIENCE by AICTE training and Learning academy, Pune at Dr. B.A.T.U Lonere
- Attended 3 days online workshop on EVALUATING AND ASSESSING STUDENTS FOR ONLINE LEARNING organised by QASPIR.
- Successfully completed one day online workshop on Cyber SECURITY organised by Dr. B.A.T.U Lonere.
- Successfully completed one day online workshop on VIRTUAL LAB OUTREACH PROGRAMME organised by Virtual Lab IIT Bombay and Dr. B.A.T.U Lonere.
- Successfully completed one-week online FDP on ARDUINO organised by SRCCEM, Nagpur.
- Successfully completed technical Webinar on ROBOTICS USING SIMSCAPE organised by Atharva college of Engineering, Malad
- Successfully completed STTP on "Refresher course on MATLAB Applications in Engineering (ICTSPL14)".

ACADEMIC PROJECT

- Worked as a reviewer for TBW Diploma 3rd sem Engineering Mathematics book.
- Worked as a translator for TBW Diploma 3rd sem Digital Electronics book
- IIC MEMBER
- Worked under University Co-Coordinator for AICTE, AISHE, NIRF, ARIIA, RUSA, NBA, NAAC at Dr. B.A.T.U., Lonere
- Actively participated in CYNOSURE by Dr. B.A.T.U., Lonere.
- Organizing Committee Member at “International Conference on Communication & Signal Processing” (ICCASP-2016, 2018) held at Dr. B.A.T.U., Lonere
- Worked as Organizing committee member for “Avishkar 2019” held at Dr. B.A.T.U., Lonere
- Created online COVID-19 Awareness Quiz and Aptitude Quiz for Dr. B.A.T.U Lonere under guidance of Dr. S. L. Nalbalwar.
- Created online COVID-19 Awareness Quiz for Kokan Vishanema Mitra Mandal.
- Participated in Arayabhatta National Maths Competition-2019.
- Completed online Quiz on Information Security, Aptitude, Introduction to Machine Learning, awareness on COVID-19, Teachers day.
- Contributed as mentor in Internal Hackathon for Smart India Hackathon (SIH)2020 held at Dr. B.A.T.U., Lonere

RESEARCH PAPER

- Mohini Niraj Sheth, S. L. Nalbalwar, A. B. Nandgaonkar “**IDENTIFICATION OF SNAKE TYPE FROM IMAGE**’ *International Journal of Electrical, Electronics and Data Communication, ISSN(p): 2320-2084, ISSN(e): 2321-2950 Volume-6, Issue-6, Jun.-2018,*
- Mohini Niraj Sheth, Sanjay .L. Nalbalwar “**A Novel Approach of Image Processing to Identify Type and Name of Snake**” *Advances in Intelligent Systems and Computing* book series (AISC, volume 1155 pp 28-33) by Springer, Singapore.

PATENT

- MOHINI NIRAJ SHETH , PROF SANJAY L NALBALWAR **SOUTH AFRICAN STANDARD PATENT ON “A SYSTEM TO IDENTIFY A SNAKE AND A METHOD THEREOF” 2022/09386**

PERSONAL DETAILS

Date of Birth: 29/01/1994

Marital status: Married

Address: At/post –Sanjay Oil Trading Company, M. G. Road, Mahad - Raigad

Languages Known: English, Hindi, Marathi, and Gujarati.

Hobbies: Playing Chess, Sudoku and solving puzzles, Listening music

DECLARATION

I hereby declare that the information furnished above is true to the best of my knowledge.

Date:

Place:

Mohini Rajesh Mehta