

RESUME

NAME: Ms. SNEHAL SUNIL GAIKWAD (M.TECH E&TC)

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WORK EXPERIENCE:

Designation	Institute name	Duration
Full time Research scholar	Dr. Babasaheb Ambedkar Technological University	2 years
Teaching Assistant	Dr. Babasaheb Ambedkar Technological University	1 Year 3 Months
Lecturer	SSOSP College of Engg, Mumbai University	9 Months
Assistant Professor	Dr. Babasaheb Ambedkar Technological University	11 Months

EDUCATIONAL QUALIFICATIONS:

Degree	Year of passing	Institution	Board/ University	Percentage	Class
M.Tech	2014-2016	Dr. B.A.T.U, Lonere	Dr. B.A.T.U, Lonere, Raigad	90.50	First Class with Distinction
BE	2010-2013	ICEM, Pune	Pune University	67.86	First Class with Distinction
Diploma	2007- 2010	IOPE, Lonere	Dr. B.A.T.U, Lonere, Raigad	80.30	First Class with Distinction
SSC	2007	G.V.M., Shriwardhan	Maharashtra State Board	78.30	First Class with Distinction

PROJECT DETAILS:

Sr. No.	Project Title	Level	Year
1	Separation of singing voice from background musical noise using modified NMF and filtering.	M. Tech.	2015-2016
2	EEG signal feature extraction and classification using Non-negative matrix factorization and artificial neural network.	M. Tech.	2015-2016
3	Detection of vehicles with image processing.	M. Tech.	2014-2015
4	Greenhouse monitoring system using GSM.	B. E	2012-2013
5	Automatic room light controller with visitor counter.	B. E	2011-2012
6	RFID based attendance system.	Diploma	2009-2010

SUBJECTS TAUGHT:

- 1) Signals and Systems
- 2) Digital Electronics
- 3) Digital Image Processing
- 4) Digital System Design
- 5) Software Simulation (Based on MATLAB)
- 6) Probability Theory and Random Processes

CAREER SKILLS:

1. Area of Interest	Image Processing, Signal Processing, Pattern recognition
2. Software Proficiency	1. Languages : C, Embedded C. 2. Familiar Platforms : MATLAB, SPSS, LABVIEW, Multisim, Xilinx

PUBLICATIONS:

1. "**Separation of singing voice from background musical noise using modified NMF and Filtering.**" *International Conference on Electrical, Electronics, and Optimization Techniques (ICEEOT)*, pp. 1565-1568. IEEE, 2016.
2. "**Greenhouse Monitoring System Using GSM.**" *International Journal of Scientific and Engineering Research* 4, no. 6 (2013): 1769-1772.
3. "**A Survey on Recent Methodologies in Multilingual Character Detection and Recognition**", *International journal of Engineering Applied Sciences and Technology*, vol.4, Issue.3 pp. 382-390, 2019.
4. "**An Approach Towards Devanagari Character Segmentation Using Adaptive Thresholding and Polynomial**", *International Journal of Advanced Science and Technology*, vol.29, Issue.10s pp. 7888-7896, 2020.

INDUSTRIAL TRAINING:

1. Industrial training program towards Satellite Communication, VSAT & Digitalization Network in "**Meltek Infosystems Pvt. Ltd**", Pune.
2. Training under E&TC department in "**Rashtriya chemicals & fertilizers (RCF)**" Thal, Alibag.

WORKSHOPS:

- Participated in Workshop on **MATLAB** and **LABVIEW** conducted by **Tech smart systems**, Pune, 2011
- Participated in 3rd National level Poster presentation on "**ANIMATION FILM MAKING**" at P.V.P College of Engg, Budhgaon, Sangli on 29th Jan 2010.
- Project Competition 2013 arranged by the Institute of Electronics and Telecommunication Engg (**IETE**), Pune.
- Presented a paper on "Multistage modified Non-negative matrix factorization and filtering for separation of singing voice" at National conference on Computer, Electrical and Electronics Engineering (**IETE Cynosure, NCCEE-2016**) at Dr. Babasaheb Ambedkar Technological University, Lonere during April 23rd -24th, 2016.
- Project Competition arranged under **IEEE** by Indira college of Engg. and Management, Pune 2013
- Completed successfully AICTE Training and Learning (ATAL) Academy FDP on "**Artificial Intelligence**" from 02-12-2019 to 06-12-2019 at Dr. Babasaheb Ambedkar Technological University, Lonere.
- Completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "**Data Sciences**" from 30-04-2020 to 04-05-2020 at Dr. Babasaheb Ambedkar Technological University, Lonere.
- Completed successfully AICTE Training and Learning (ATAL) Academy FDP on "**Cyber Security**" from 06-01-2020 to 10-01-2020 at Dr. Babasaheb Ambedkar Technological University, Lonere.
- Completed successfully AICTE FDP on "**Statistical Inference and Linear Algebra**" from 21-12-2019 to 25-12-2019 at Dr. Babasaheb Ambedkar Technological University, Lonere.
- Participated in University level round of AVISHKAR held at Dr. Babasaheb Ambedkar Technological University, Lonere. on 03-01-2020.

CO-CURRICULAR ACTIVITIES:

- **Coordinated and Guided** Final Year B. Tech Projects and Community Projects.
- **Guided** Third Year B. Tech Projects.
- Arranged **National conference** under **IETE** at Dr. B.A.T.U University, Lonere, 2016

STRENGTHS:

- Determine Personality
- Self-Confident
- Leadership Qualities
- Good Communication and hand over Languages like English, Marathi and Hindi

PERSONAL DETAILS:

Permanent Address	'Gomati-9', Dr. B. A. T. U staff quarters, A/P-Lonere, Tal-Mangaon, Dist- Raigad, 402103
Date of Birth	14-July-1992
Gender	Female
Languages Known	English, Hindi, Marathi

DECLARATION:

I hereby declare that the above written information is correct and true to the best of my knowledge and belief.

Place:

Date:

SNEHAL SUNIL GAIKWAD