

# MUDITA APPASAHEB KADAM

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📅 11/03/1996

📍 Mumbai



## Profile

To find a responsible position to enhance my creativity for the success of industry as well as my colleagues

## Education

**M.Tech** 2019 – 2021 | 8.65 CGPA

*Maulana Abul Kalam Azad University of Technology,  
Kolkata, West Bengal*

Project (M.Tech) :

Title: Musculoskeletal analysis of injuries in soccer players.

**B.E** 2013 – 2018 | 61%

*Kolhapur Institute of Technology, Kolhapur,  
Maharashtra*

Project (B.E.):

Title: Detailed characterization of *Chlorella sorokiniana* towards wastewater treatment.

Industrial Training (T.E.):

Place: embio Ltd., Mahad

Training Period: 30 days

Title: Study on the effect of mzyme on bacterial contamination in yeast fermentation

**HSC** 2011 – 2013 | 55.67%

*Vani Vidyalyaya Junior College, Mumbai – 80*

**SSC** 2011 | 84%

*Lokmanya Tilak English High School, Mumbai -80*

## Publications

**Biochemical Characterization of Chlorella sorokiniana  
towards Wastewater Treatment** 2018

*International Journal of Advanced Biotechnology and  
Research (IJABR)*

Rajesh M. Jorgewad<sup>1</sup>, Namrata Swami<sup>1</sup>, Mudita Kadam<sup>1</sup>, Shweta Patil<sup>1</sup>, Basvaraj Palabhanvi<sup>1</sup>,  
and Laxmikant H. Kamble<sup>2</sup>

## Techniques learnt

### Microbiology



Basics of sterilization, Microscopy, Culturing techniques

### Genetics



Isolation of plant DNA, DNA Mapping, Agarose gel electrophoresis

### Fermentation Technology



Growth kinetics, Product kinetics, Production of metabolites

### Bioseperation



Extraction, Precipitation, Ion Exchange Chromatography

### Protein estimation



Biuret assay, SDS PAGE, HPLC

## Instruments Handled and Equipment Used

### INSTRUMENTS

pH meter, UV-spectrometer, Hemocytometer, Compound Microscope

### EQUIPMENTS

Incubator, Autoclave, Centrifuge, Laminar Air Flow chamber, HPLC

## Certificates

- Attended three-day workshop of high-pressure liquid chromatography (HPLC), SDS PAGE, protein estimation by Biuret assay at MR Sanghavi & co and Nanghavi chromatography solutions pvt. ltd. Andheri, 2021
- Participated workshop on advanced wastewater treatment - the microbial workshop funded by MHRD GOI at Maulana Abul Kalam Azad University of Technology, WB , 2020
- Participated in one-week short term training program on data analysis using SPSS under Shivaji University at Rajarambapu Institute of Technology, 1st January 2018-5th January 2018
- Awarded Third prize in eureka 2k17 , a national level paper presentation at Tatyasaheb Kore Institute of Engineering and Technology , Warnanagar , 2017
- Third winner in industrial problem solver in national level event JIDNYASA held in Tatyasaheb Kore Institute of Engineering and Technology, Warnanagar, 2014
- Actively worked for First Years Engineering Students Association (FESA) as anchor in Tatyasaheb Kore Institute of Engineering And Technology, Warnanagar, 2013-14

## Interests

- Cooking
- Singing

## Declaration

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