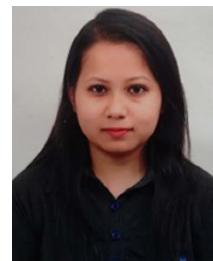


## CURRICULUM VITAE

### **Plabita Prabahika**

House name: Rupahi, Phulampur  
Chinatoli Gaon, Dhudar Ali  
Golaghat, Assam  
Pin Code: 785702  
Email: [prab16spt@gmail.com](mailto:prab16spt@gmail.com)  
Phone No: +91-6001275287



### **CAREER OBJECTIVE**

To apply for a job where I can contribute my knowledge and skills to enhance my knowledge and the growth of the company.

### **ACADEMIC QUALIFICATIONS**

<u>Degree</u>	<u>Institution/Board</u>	<u>Year</u>	<u>CGPA/Percentage</u>
M.Tech Biotech	Gauhati University	2018	8.91
B.Tech Biotech	Lovely Professional University	2016	7.49
HSSLC	B.P.R.L Vidyalaya	2012	79.6%
HSLC	B.P.R.L Vidyalaya	2010	86.3%

### **TECHNICAL SKILL**

**Techniques:** Autoclaving, Blotting, Gel electrophoresis, Bioreactor, SDS-PAGE, Chromatography, Centrifugation, ELISA, FTIR analysis, Sonication, Lyophilization, Nanoencapsulation, Antimicrobial activity.

**Software:** Basic SAS

### **INTERNSHIP**

- **Organization:-** Helix Biogenesis Pvt Ltd, Noida      September 4, 2018- March 3,2019
- **Description:-** Worked on preparation of different combination of green tea pack and its antioxidant activity to obtain maximum efficiency.
- **Organization-** FICCI , Dwarka, New Delhi      March 20- April 3,2017
- **Description-** Advanced certificate course on food safety & analysis
- **Organization:-** IIT Guwahati      June 15 - July 15, 2015

- **Description:** -. Worked on Sub cloning of cytokines in two different strains of *Pichia pastoris*, the expression in complex media and analysed the growth and product formation.
- **Organization:-** Orbit Biotech, Mohali June 3 - June 27, 2014
- **Description:-** Worked on microbiology and fermentation process. Learnt about growth kinetics of microbes, bioreactor and wine production process from grape juice. Analysed and collected the data.

## EXPERIENCE

- Worked as a BCIL(Biotech Consortium India Limited) intern.

## PROJECTS UNDERTAKEN

- **Project:-** Preparation of new green tea combo
- **Objective:-** Different combination of green tea packs were prepared and checked antioxidant and antimicrobial activity.
- **Description:-** Using various herbs prepared green tea pack and determined antioxidant activity applying different techniques and observed antimicrobial activity.
- **Project:-** Synthesis, characterization and drug release efficiency of diosgenin-loaded poly epsilon caprolactone nanoparticles
- **Objective:-** Synthesis and characterization of biodegradable polycaprolactone nanoparticles and encapsulation of diosgenin in polycaprolactone nanoparticles
- **Description:-** Nanoparticles of PCL polymer was synthesized by nanoprecipitation method and loaded the sapogenin compound diosgenin.
- **Project:-** Fermented drink
- **Objective:-** Preparation of fermented drinks using soyabean
- **Description:-** Using Lactobacillus bacteria fermented the soy milk, obtained the physico-chemical test & prepared the flavoured soya drink.
- **Project:-** Microbial fuel cell
- **Objective:-** To generate electricity using microbial fuel cell
- **Description:-** Using yeast microbes decomposition reaction was done and utilizing that charge electricity was produced. So, it is an ecofriendly process and one source of generation of electricity.
- **Project:-** Non Conventional Energy Source
- **Objective:-** Effectiveness of non conventional energy instead of conventional energy
- **Description:-** The paper and clay models of Solar energy, wind energy and biogas energy were shown and also showing their functions which are ecofriendly energy source.

## **WORKSHOPS/ CERTIFICATION**

Clinical Trials Master certification course, August 2020

Online webinar on “**Battle against novel coronavirus**”, August 2020

Online webinar on “**Can India solve its farmer’s plight & become food bowl of the world?**”, July 2020

Training in SAS (Base) by SAS India, June 2020

National seminar on Petroleum biotechnology & Bioenergy, March 2017

Entrepreneurial opportunities in biotechnology seminar, March 2017

Explorica, Lovely Professional University, Nov 2014

Visharad in classical sattriya dance, 2008

## **EXTRA CURRICULAR ACTIVITIES**

One India- Folk dance, Venue coordinator, Lovely Professional University, 2013-2016

Youth Vibe- Folk dance, Lovely Professional University, 2014

Science Exhibition, B.R.P.L Vidyalaya, Chirang, 2009

Dance Competition, Chirang, 2008

## **AWARDS AND HONOURS**

**First prize:** Inter school dance competition, Chirang, 2008

**Second prize:** Science exhibition, B.R.P.L Vidyalaya, 2009

**Third prize:** Venue coordinator, Lovely Professional University, 2016

**Silver medal:** Girls topper in HSLC in district, Chirang, 2010

**Certificates:** Youthvibe, Lovely Professional University, 2014

## **LANGUAGES KNOWN**

English, Hindi and Assamese

## **HOBBIES/ INTEREST**

Assamese folk dancing, Listening to assamese songs.

## **PERSONAL DETAILS**

Mother’s name: Mrs. Dipti Hazarika

Father’s name: Mr. Atul Hazarika

Date of birth: 16-09-1994

**PLACE:-** Golaghat, Assam

**DATE:-** 10/09/2020

Plabita Prabahika

