

## CURRICULUM VITAE

**Name: Ms. Jyoti Prava Jema**  
**M.sc in life-Sciences (Botany)**  
**C/o: Satya Narayan Samanta**  
**At: Kalinganagar, Bhubaneswar**  
**DOB: 20.08.1996**  
**Ph: 7008811435**  
**E. mail:jyotiprava1996gmail.com**



### Educational qualification:

Class	School/College	Board/University	Year of passing	Secured percentage
10 <sup>th</sup>	Srimad Bhagawad Gita Vidya Mandir	BSE	2012	83.34%
+2 Science	Ramadevi Women's Junior College	CHSE	2014	69.67%
B.Sc	Ramadevi Women's Autonomous College	Utkal University	2017	75.89%
M.Sc	Ramadevi Women's University	Ramadevi Women's University	2019	77.82%

### Dissertation Experience :

This work was for partial fulfillment of M.Sc. Degree and carried out at Ambika Prasad Research Foundation, Bhubaneswar.

**Sub: "Evaluation of medicinal values of selected threatened medicinal plants available in Bhubaneswar, Odisha."**

### Scientific Exposer: (Workshops/conferences)

- Active participation in National Workshop on "Emerging Trends In Life sciences For Sustainable Development" organized by dept. of Life sciences at Ramadevi women's university.
- Poster presentation at national workshop on "Emerging Trends In Life sciences For Sustainable Development" organized by dept.of life sciences at Ramadevi women's university.
- Active participation in workshop on "Orchid Identification ,Field Botany And Relation With Flora And Avifauna" organized by Ambika Prasad Research Foundation, Odisha.
- Participated in two days workshop on" Identification And Characterization Of Floral And Faunal Species and Methods For The Evaluation of their Pharmacological Value" organized by Ambika Prasad research foundation, Bhubaneswar.
- Author of the book chapter "Evaluation of threatened medicinal plant of Bhubaneswar "in the book "Medico Bio wealth of Odisha" published by Ambika Prasad Research Foundation, Bhubaneswar.

## **Professional Experience:**

Completed a six months training programme in following techniques at *Imgenex India Private Limited*, Infocity, Chandrashekharpur, Bhubaneswar.

- Animal cell culture techniques (Thawing, freezing, harvesting, cryopreservation)
- ELISA,
- Electrophoresis (Protein and DNA)
- Western blot,
- DNA transformation, screening,
- Protein purification
- Antibody purification
- Immunohistochemistry (IHC)
- Protein estimation by Bradford reagent

## **Equipments Handled:**

- Inverted light Microscope
- CO<sub>2</sub> incubator
- Centrifuge Machine
- Haemocytometer
- Micro Titer plate reader
- Spectrophotometer
- Sonicator
- Shaker Incubator
- Magnetic Stirrer
- Microtome machine
- Weighing Machine
- Autoclave machine

## **Other activities**

- Awarded Medhabruti scholarship (scholarship scheme by Govt. of odisha) in Senior Merit.
- Awarded with Laptop in the scheme “Free laptop for Meritious student” for the secured marks in +2.
- Participation in One day panel discussion program on “Women In Science” Organized by Ramadevi women’s university in collaboration with” Odisha Bigyan Academy” , Bhubaneswar.
- Worked as assistant science society secretary of Science Society of Ramadevi Women’s University , during the session 2015-16.
- Awarded with 2<sup>nd</sup> prize in English essay competition conducted by National silk Board at Ramadevi Women’s university.
- Won first prize in Interclass Drama competition at college during the study period.
- Awarded as best actress at interclass drama competition.
- Attended a 10 days training on skill enhancement Certificate course in “Bakery and Chocolate” organized By Centurion Science And Technology Entrepreneurship Facilitation Center and has been awarded with grade A.

