

CURRICULUM VITAE

Name: Ms. Jyoti Prava Jema
M.sc in life-Sciences (Botany)
C/o: Satya Narayan Samanta
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Educational qualification:

Class	School/College	Board/University	Year of passing	Secured percentage
10 th	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 the 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
- CO₂ incubator
- Centrifuge Machine
- Hemocytometer
- Micro Titer plate reader
- Spectrophotometer
- Sonicator
- Shaker Incubator
- Magnetic Stirrer
- Microtome machine
- Weighing Machine
- Autoclave machine

PUBLICATIONS

- Jema, J.P., Pradhan, J., Chainy, G.B.N., Hati, A.K., Nayak, D., Kaushik, S. and Dandapat, J., 2023. Covid 19 Cases and Co-Morbidities: Complementary and Alternative Medicinal Systems (Cam) For Integrated Management of the Pandemic. *Journal of Herbal Medicine*, p.100745.

Other activities

- Awarded Medhabruti scholarship (scholarship scheme by Govt. of Odisha) in Senior Merit.
- Awarded with Laptop in the scheme “Free laptop for Merituous student” for the secured marks in +2.
- Participation in a 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 2nd prize in a n English essay competition conducted by t h e National Silk Board at Ramadevi Women’s University.
- Won first prize in an Interclass Drama competition at college during the study period.
- Awarded as best actress at an interclass drama competition.
- Attended a 10-day 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.

