

ANNUAL REPORT-2021-22



DEPARTMENT OF BOTANY

ରମାଦେବୀ ମହିଳା ବିଶ୍ୱବିଦ୍ୟାଳୟ, ଭୁବନେଶ୍ୱର
Rama Devi Women's University, Vidya Vihar,
Bhubaneswar

1. **Name of the department:** UG department of Botany

2. **Mission and vision:**

Mission: 1. Establishment of a tissue culture laboratory. 2. Establishment of a microbiology laboratory. 3. Initiating the training on mushroom cultivation, vermicomposting, essential oil, and phytochemical extraction from medicinal plants.

Vision: 1. Opening of postgraduate course in Botany 2. To be a progressive department that provides a student-centered and professions-oriented education in frontier areas of Botany that bestows an academic environment to demonstrate and promote creative, intellectual inquiry with positive relationships among students, faculty, and staff that enhance the learning experience a fruitful and outstanding one for future application in a dynamic world. 3. To train graduates who will be leaders in botanical education and research, and to energize the public appreciation of plants.

3. **Academic Programmes:** UG Botany

4. **Publications/patents**

JOURNAL PAPERS

Sl no.	Paper Title	Author(s)	Name of the Journal; Volume; Page no.	Year of Publication	Link to the article (doi/website)
1.	Anticancer therapeutic efficacy of biogenic Am-Zno nanoparticles on 2D and 3D tumor models	S.C Chabattula, P.K Gupta, S.K Tripathi, R. Gahtori, P. Padhi, S. Mahapatra, B.K Biswal, S.K Singh, K. Dua, J. Ruokolainen, Y.K Mishra, N.K Jha, D.K Bishi, K. K Kesari	Materials Today Chemistry Vol.2(2021)	2021	https://www.sciencedirect.com/science/article/pii/S2468519421001981?via%3Dihub

BOOKS/BOOK CHAPTERS

Sl no.	Book/book chapter Title	Author(s)	ISBN/ISSN number	Year of Publication	Name of the publisher
	Nil	Nil	Nil	Nil	Nil

PATENTS

Sl no.	Title of patent	Patent holders	Patent type & Country	Year of Filing	Status (Published/granted)
	Nil	Nil	Nil	Nil	Nil

5. Research Projects

S.No	Title of the project	Name of the PI/Co-PI	Funding Agency	Amount mobilized
Nil	Nil	Nil	Nil	Nil

6. Teachers' achievement

Research guidance

S. No.	Name of the faculty	Numbers guided						
		DLitt	DSc	PhD	MPhil	PG	UG	Total Guided
1	Dr. Sujata Mahapatra						3	3
2	Dr.SibanginiMisra						4	4
3	Dr. Manisha Das						4	4
4	Dr. Swati Kanungo						3	3
5	Ms. Swati Rituparna						2	2

Membership in professional bodies

S. No.	Name of the faculty	Name of the professional body	International/ National	Life member/ Annual/ Sessional member	Tenure: From - To
	Dr. Sujata Mahapatra	Odisha Botanical Society	National	Life Member	
	Dr. Sujata Mahapatra	Odisha Environmental Society	National	Life Member	

Administrative positions

S. No.	Name of the faculty	Administrative position (mention tenure in the cell)			
		Dean/Director	Chairman, BoS/ HoD/Coordinator	Proctor Superintendent of Hostel	Mention others, if any
1.	Dr. (Prof.) Sujata Mohapatra	-	2018-2022	-	-

Contribution to university examination

S. No.	Name of the faculty	Contribution to University/College			
		Superintendent/ Assistant Superintendent	Paper setter/ Evaluator	Invigilation/Flying squad member	Mention others, if any
1.	Dr. (Prof.) Sujata Mohapatra	Superintendent 2022	2018-2022	-	-

Visit of peers/experts

S. No.	Name of the visitor	Specialization of the visitor	Date of visit [dd/mm/yy]	Delivered lecture [Y/N]	Interaction with students and teachers [Y/N]
1	Dr. Kunja Bihari Satapathy	Plant taxonomy	16/03/2022	Y	Y
2	Dr. Mrutyunjay Jena	Phycology	02/02/2022	Y	Y

7. Students' achievement:**Departmental Student's Seminar**

SL NO.	ROLL NO.	NAME	TOPICS
1.	53R0019001	ANKITA PRADHAN	BIOCHAR-NATURAL SOIL IMPROVEMENT
2.	53R0019002	BABITA NAYAK	RESPONSE OF PLANT TO SALT STRESS AND THEIR MECHANISM OF RESISTANCE
3.	53R0019003	DAMAYANTI KUANR	EFFECTS OF SALT STRESS ON PLANTS
4.	53R0019004	DEBASHREE LIMAI	MICROPROPAGATION
5.	53R0019005	LAXMIPRIYA BISWAL	Genetic improvement of rice
6.	53R0019006	LILY SETH	EFFECT OF ECOLOGICAL FOOTPRINT ON EARTH
7.	53R0019007	PRIYANKA BISOYI	BIOACCUMULATION AND BIOMAGNIFICATION IN AQUATIC ECOSYSTEMS
8.	53R0019009	RUPALI HANSDAH	AFFECT OF OXIDATIVE STRESS ON PLANTS
9.	53R0019010	SARITA BEHERA	ROLE OF REMOTE SENSING ON AGRICULTURE
10.	53R0019011	SMRUTIPRIYA PATTANAIK	CLIMATE CHANGE AND ENVIRONMENTAL SUSTAINABILITY
11.	53R0019012	SUBHASHMITA PRIYADARSHINI	PROTOPLAST AND CELL SUSPENSION CULTURE
12.	53R0019013	SUBHASHMITA	MEDICINAL PLANTS USED IN CURING TOOTH ACHE IN INDIA

		ROUT	
13.	53R0019014	SUBHRASMITA DAS MOHAPATRA	THE ROLE OF MICROORGANISMS IN BIOREMEDIATION
14.	53R0019015	SUBHROTA PRADHAN	ORGANIC FARMING
15.	53R0019016	SWAPNA SUNDARI BARIK	PLANT RESPONSES TO WATER STRESS
16.	53R0019017	SWEETY MALLICK	ECOLOGICAL UTILISATION OF WEEDS

UG 1st Year: -

Sl.no	Student Name	Category	Position
1	P.N Priyanka Swain	English Debate (National Science Day) 2022	First
2	P.N Priyanka Swain	Song – Sangam 2022 by Silicon Institute of Technology, BBSR	Second
3	Sweta Mohanty	Odia Debate (National Science Day) 2022	Third

UG 2nd Year: -

Sl.no	Student Name	Category	Position
1	Priyanka Panda	English Essay (National Science Day) 2022	Third
2	Priyanka Panda	Essay (Old-Student Association, Utkal University)	First
3	Priyanka Panda	Odia Debate (National Science Day)	Third

8. Seminars/FDPs/Workshops organized:

Name of the Speaker	Date	Title
Dr. Mrutyunjay Jena	02-01-2022	Diversity of Microalgae and Mass Cultivation Techniques
Dr. Mrutyunjay Jena	03-01-2022	Advanced Techniques for Microalgae Cultivation
Dr. Kunja Bihari Satapathy	16-03-2022	Medicinal Plants

9. Social outreach programmes conducted

10. Any other:

Alumni activities: Alumni Meet on 25th June, 2022



BOS Meeting: Bos meeting was conducted in the department on 26th July, 2022
Parent- Teacher Meeting: Held on 22nd June, 2022