

ANNUAL REPORT-2022-23



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.	Comparative Analysis of Nutritional and Antimicrobial Activity of <i>Curcuma angustifolia</i> (Roxb.) and <i>Maranta Arundinacea</i> (L.)	Sahoo Monalisha, Jena Padan Kumar, Mahapatra Sujata and Bhotra Tilothama	Biological Forum, 576-582(2023)	2023	https://www.researchtrend.net/bfij/current_issue_bfij.php?taxonomy-id=150

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
1.	Biochemical and Molecular Characterization of drought tolerant indigenous finger millet [<i>Eleusine coracana</i> (L.) Gaertn.] genotypes from Malkangiri hotspot of Odisha.	Dr. Suchinnata Sardar	Odisha State Higher Education Council (OSHEC), Dept. of Higher education	4,96,000

6. Teachers' achievement

Research guidance

S. No.	Name of the faculty	Numbers guided						
		DLitt	DSc	PhD	MPhil	PG	UG	Total Guided
1	Dr.SujataMahapatra						6	6
2	Dr.SibanginiMisra						5	5
3	Dr. Manisha Das						5	5
4	Dr. Swati Kanungo						5	5
5	Ms. Swati Rituparna						5	5

Research projects per individual teacher

S. No	Name of the faculty	Project details					
		Title of the project	Funding agency	Tenure: From - To	Amount sanctioned	Major/Minor	Ongoing/Completed
1	Dr.SuchinnataSardar	Biochemical and Molecular Characterization of drought tolerant indigenous finger millet [<i>Eleusinecoracana</i> (L.) Gaertn.]	Odisha State Higher Education Council (OSHEC), Dept. of Higher	2021-2023	4,96,000	Minor	Ongoing

		genotypes from Malkangiri hotspot of Odisha.	education				
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Publications per individual teacher

S. No.	Type of publication	Name of the author/s	Year of publication	Title of paper	Name of journal	Volume and Page numbers	ISSN / e-ISSN
1.	Research Paper	Dr.SujataMahapatra	2023	Comparative Analysis of Nutritional and Antimicrobial Activity of <i>Curcuma angustifolia</i> (Roxb.) and <i>Marantaarundinacea</i> (L.)	Biological Forum	576-582	0975-11130 (Online)

Seminar/ Symposium etc. attended per individual teacher

S. No.	Name of the faculty	Name of the Seminar/ Symposium, etc.	Date: From - To	International/ National	Paper presented/ Attended
	Dr.SuchinnataSardar	National Seminar on Biotechnological approaches for mitigating climate change	10-11 th December 2022	National	Poster presented

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.SujataMahapatra	Odisha Botanical Society	National	Life Member	
	Dr.SujataMahapatra	Odisha Environmental Society	National	Life Member	
	Dr.SuchinnataSardar	Odisha Botanical Society	National	Life Member	
	Dr.SuchinnataSardar	Indian Society of Genetics and Plant Breeding	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.) SujataMohapatra	-	2018-2022	-	-
2.	Sri P.C. Parichha		2022-2023		

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.) SujataMohapatra	Superintendent 2022	2018-2022	-	-
2.	Dr.SibanginiMisra				

3.	Dr. Swati Kanungo				
4.	Dr. Manisha Das				
5.	Ms. Swati Rituparna				

7. Students' achievement:

Departmental Student's Seminar

Seminar Presentations - 3rd Yr. 6th Sem. -2023		
Univ. Roll.No.	Name	Project Title
53R0020001	AnonyaNayak	Biochar in Agriculture
53R0020002	AvipsaMadhuGunjan	Application of Synthetic Biology in Agriculture: Creation of new life
53R0020003	DilnashinFarhat	Plants used for treatment of toothache
53R0020004	IpsitaDwibedy	Forensic Botany & Body Farm
53R0020005	Jayanti Tiu	Economic Values of Oil yielding Plants
53R0020007	LatikaNaik	Artificial Intelligence for Agriculture Innovation
53R0020008	Laxmipriya Jena	Black Turmeric - An Overview
53R0020009	Liza Jena	Plant as environmental biosensor
53R0020011	Payal Swain	Precision Farming: A modern look to traditional farming
53R0020012	Priyanka Panda	Ethnobotany& its role in modern society
53R0020013	Puja Rani Naik	Freezing Avoidance in Plants
53R0020014	ReetkhyaPriyadarshini	Role of Nitrogen Fertilizer in Plant Growth
53R0020015	RosifaGajal	Mushroom Cultivation Techniques
53R0020016	SaiAkannkshyaSahoo	Enzymes involved in Plant Pathogen interaction
53R0020017	SanjanaBera	Plant Based Solution for Ecosystem Quality Assessment & Remediation Strategies
53R0020018	SaswatiPanigrahi	Biodiversity & Climate Change
53R0020019	ShitossnaMohanty	Coniferous Biome
53R0020020	ShiwaniMajhi	Bioluminescence Fungi
53R0020021	ShreyaBehera	Bioinformatics & its application
53R0020022	ShrutiSudha Seth	Biodiversity & Conservation of Medicinal Plants
53R0020023	SomyasreePriyadarsini	Anticarcinogenic Potential of <i>Taxusbrevifolia</i>
53R0020024	SubhadraTudu	Algal Blooms
53R0020025	Subhashree Swain	Biopesticides
53R0020026	SuchismitaPriyadarsini	Combating Global Food Insecurity
53R0020027	SushreeSangitaSahoo	Biotechnological Applications of Cyanobacteria
53R0020028	SushreeSangita Rout	Micobes in Agriculture & Bioremediation of contaminated Soil

UG 1st Year: -

Sl.no	Student Name	Category	Position
1	Chayanika Rout	English Debate (Inter-College Women'S Hockey Championship) 2023	First
2	Ankita Pradhan	English Debate (National Science Day) 2023	First
3	Chayanika Rout	English Debate (National Science Day) 2023	Second

UG 2nd 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	Disha Darshini	Youth Red Cross 2023 (Painting)	First
4.	Sweta Mohanty	Odia Debate (National Science Day) 2022	Third

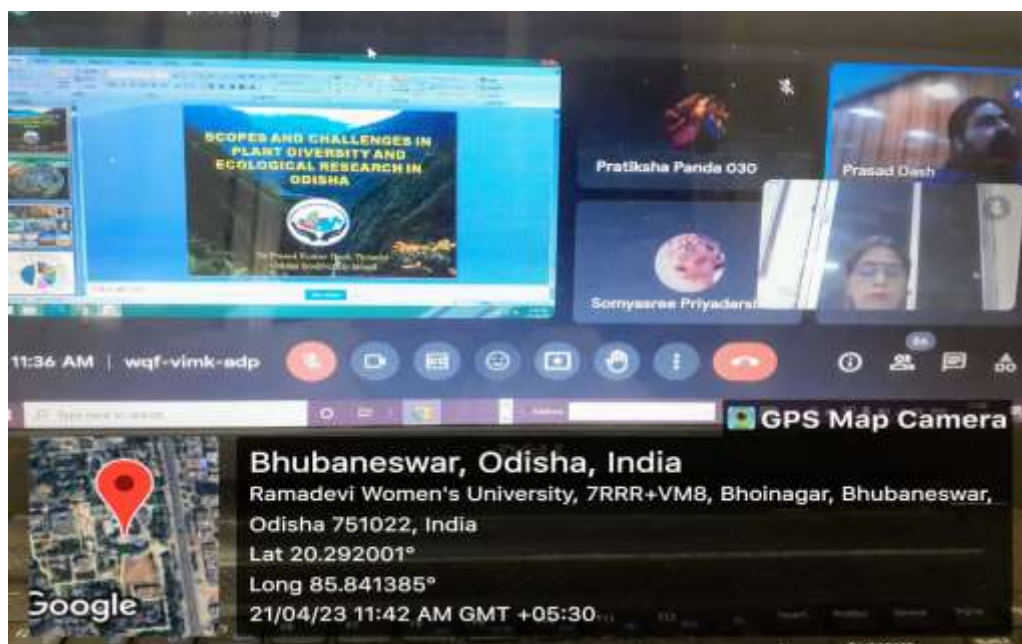
UG 3rd Year: -

Sl.no	Student Name	Category	Position
1	Priyanka Panda	English Essay (National Science Day) 2022	Third
2	Priyanka Panda	English Essay (National Science Day) 2023	First
3	Priyanka Panda	English Essay (Inter-College Women's Hockey Championship) 2023	First
4	Priyanka Panda	Quiz (Inter-College Women'S Hockey Championship) 2023	Second
5	Priyanka Panda	Essay (Old-Student Association, Utkal University)	First

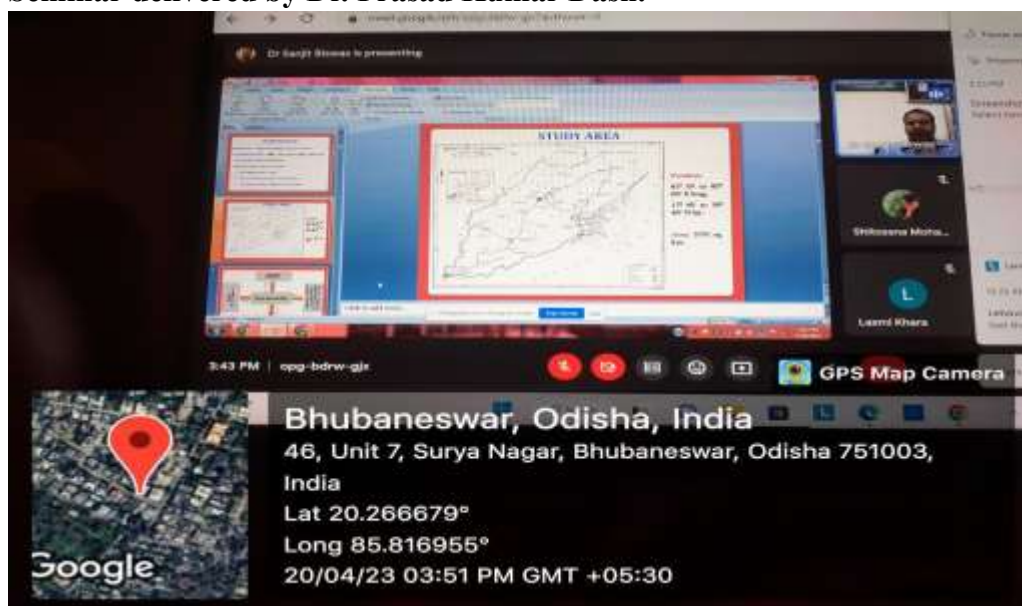
8. Seminars/FDPs/Workshops organized:

Name of the Speaker	Date	Seminar Title
Dr. Sanjit Biswas	20-04-2023	Ethnobotanical Studies of Malkangiri and Herbarium Preparation for Conservation

Dr. Prasad Kumar Dash	21-04-2023	The Scope and Challenges in Plant Diversity and Ecological Research in Odisha
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Seminar delivered by Dr. Prasad Kumar Dash.



Seminar delivered by Dr. Sanjit Biswas.

9. Social outreach programmes conducted

10. Any other:

1. **Alumni activities:** Alumni Meet on 24th December 2022



Alumini Meet on 24th December, 2022

2. **Study Tour:** Trip to Anshupa and Saptasajya on 20th December 2022



Study tour to Anshupa and Saptasajya.

3. **Farewell Function:** Farewell function was organised in department for batch 2019-2022 on date 15th July, 2022 and for batch 2020-2023 on date 19th April, 2023.



Farewell Function Organised on 19th April, 2023

4. **Welcome Function:** Welcome function was organised in department on 29th November, 2022



Welcome Ceremony

5. **BOS Meeting:** Bos meeting was conducted in the department on 24th march, 2023



BOS Meeting on 24th March,2023

6. Student Seminar: Student seminar was held on 21st February, 2023



Student seminar