

DEPT. OF BIOTECHNOLOGY
Rama Devi Women's University, Vidya Vihar, Bhubaneswar

ANNUAL REPORT 2022-23

1. MISSION

Biotechnology is the forefront of modern science and technology with enormous potential for the advantage of the human society. The Department aims at developing cutting edge research infrastructure, generation of human resource, popularization of biotechnology and technologies for societal benefits. Our mission is:

- Developing quality curriculum and research agenda for enhance efficiency in agriculture, molecular medicine and environmental sustainability.
- Developing a strong linkage between Academics, Research, and Industry across the country and abroad
- To instill confidence and leadership quality among the young talents by nurturing and, mentoring them.
- Developing skilled manpower in the field of biotechnology.
- Implementation of biotechnological tools for upliftment of women and rural population.

VISION

- To showcase the Department as a hub of global Biotechnology Research.
- Empowerment of society and ensuring equal opportunity to women through cutting edge technology education, training and research.

2. ACADEMIC PROGRAMME

- PhD in Biotechnology
- M.Sc in Biotechnology (Supported by DBT, Govt. of India)
- B.Sc in Biotechnology

3. PUBLICATIONS AND PATENTS

Publications – 16

List of Publications:

- 1 Bhuban Mohan Padhiari, Asit Ray, Bibhuti Bhusan Champati, Sudipta Jena, Ambika Sahoo, Ananya Kuanar, Tarun Halder, Biswajit Ghosh, Pradeep Kumar Naik, Jeetendranath Patnaik, **Sujata Mohanty***, Pratap Chandra Panda, Sanghamitra Nayak (2022) Artificial neural network (ANN) model for prediction and optimization of bacoside A content in Bacopa monnieri: A statistical approach and experimental validation. Plant Biosystems. <https://doi.org/10.1080/11263504.2022.2048278>, Mar 2022 (IF – 2.8)
- 2 Noohi Nasim, I Sriram Sandeep, **Sujata Mohanty*** (2022) Plant-derived natural products for drug discovery: Current approaches and prospects. Nucleus (Accepted) 10.1007/s13237-022-00405-3 (IF – 0.6)
- 3 Bibhuti Bhusan Champati, Bhuban Mohan Padhiary, Asit Ray, Sudipta Jena, Ambika Sahoo, Jeetendranath Patnaik, **Sujata Mohanty***, Pradeep Kumar Naik, Pratap Chandra Panda, Sanghamitra Nayak (2022) Assessment of variation in Shatavarin IV content in Asparagus racemosas through HPTLC analysis and identification of elite germplasm from eastern India. Pharmacogn mag (IF – 0.95)

- 4 Suryasnata Das, I. Sriram Sandeep, Priyanka Mohapatra, Basudeba Kar, Rajesh Kumar Sahoo, Enketeswara Subudhi, Sanghamitra Nayak, **Sujata Mohanty*** (2022) A comparative study of essential oil profile, antibacterial and antioxidant activities of thirty Piper betle landraces towards selection of industrially important chemotypes. *Industrial crop and products*. Vol 187, Part A, 115289. (IF – 6.5)
- 5 P. Mohapatra, A. Ray, S. Jena, S. Nayak, **Sujata1 Mohanty*** (2022) Influence of various drying methods on physicochemical characters, antioxidant activity, and bioactive compounds in *Centella asiatica* L. leaves –A comparative study. *Biotechnologia* (Accepted) *Scopus*. 0860-7796
- 6 Bhuban Mohan Padhiari, Asit Ray, Bibhuti Bhusan Champati, Sudipta Jena, Ambika Sahoo, Ananya Kuanar, Tarun Halder, Biswajit Ghosh, Pradeep Kumar Naik, Jeetendranath Patnaik, **Sujata Mohanty***, Pratap Chandra Panda, Sanghamitra Nayak (2022) Artificial neural network (ANN) model for prediction and optimization of bacoside A content in *Bacopa monnieri*: A statistical approach and experimental validation. *Plant Biosystems*. <https://doi.org/10.1080/11263504.2022.2048278>, Mar 2022 (IF – 2.8)
- 7 Acharya P, **Mohanty S*** and **Mohanty M*** (2022). Immuno Protective Role of Medicinal Herbs as Phyto therapeutic Drugs in Ayurveda – A Prospective Approach for Defending COVID19. *Journal of Natural & Ayurvedic Medicine*.6(2):1-6 *Nat Ayurvedic Med* 2022, 6(2): 000342. DOI: 10.23880/jonam-16000342. MEDWIN PUBLISHERS ISSN: 2578-4986
- 8 Girma, B., Panda, A.N., Roy, P.C., Ray, L., **Mohanty, S.***, Chowdhary, G (2022) Molecular, biochemical, and comparative genome analysis of a rhizobacterial strain *Klebsiella* Sp. KBG6.2 imparting salt stress tolerance to *Oryza sativa* L. *Environmental and Experimental Botany* 203. 105066. 10.1016/j.envexpbot.2022.105066.
- 9 Mohanty, I., Banerjee, S., Mahanty, A., **Mohanty, S.***, Nayak, N.R., Parija, S.C., Mohanty, B.P. (2022) Proteomic Profiling and Pathway Analysis of Acid Stress-Induced Vasorelaxation of Mesenteric Arteries In Vitro. *Genes*, 13, 801.
- 10 Mallick, T., Mishra, R., **Mohanty, S.***, **Joshi, R. K.*** (2022) Genome Wide Analysis of the Potato Soft Rot Pathogen *Pectobacterium carotovorum* Strain ICMP 5702 to Predict Novel Insights into Its Genetic Features. *Plant Pathol J*. 38(2), 102-114.
- 11 Mahanty B, Mishra R, **Joshi RK*** (2022) Molecular characterization of Zn(II)₂Cys₆ cluster gene family and their association with pathogenicity of the onion basal rot pathogen, *Fusarium oxysporum* f. sp. *cepae*. **Physiological and Molecular Plant Pathology**. Doi: [10.1016/j.pmpp.2021.101782](https://doi.org/10.1016/j.pmpp.2021.101782). (IF- 2.74)
- 12 Bibhuti Bhusan Champati, Bhuban Mohan Padhiary, Asit Ray, Sudipta Jena, Ambika Sahoo, **Sujata Mohanty***, Jeetendranath Patnaik, Pradeep Kumar Naik, Pratap Chandra Panda, Sanghamitra Nayak (2023) Implementation of multilayer perceptron (MLP) and radial basis function (RBF) neural networks for predicting Shatavarin IV content in *Asparagus racemosus* accessions. *Industrial Crops & Products*. Vol 191 (IF – 6.5)
- 13 **M. Mohanty ***, M.M. Pattanaik, A.K. Misra and H. K. Patra (2023). Phyto efficacy of *Eichhornia crassipes* (Mart.) SolmsLaub for aquaremediation of hexavalent chromium in chromite mine effluent of South Kaliapani, Odisha, India. *Environmental Science and Pollution Research*. <https://doi.org/10.1007/s11356-023-25294-0>.ppublished online 21st January 2023.
- 14 Mahanty B, Mishra R, **Joshi RK*** (2023) Cross-kingdom small RNA communication between plants and fungal phytopathogens-Recent updates and prospects for future agriculture. **RNA Biology**. Doi: 10.1080/15476286.2023.2195731. (IF: 4.76).
- 15 Mahanty B, Mishra R, Joshi RK* (2023) Sexual differentiation in dioecious cucurbits-a molecular perspective. *Research Journal of Biotechnology*. 18(2): 118-126. (SCI impact factor-0.35).
- 16 Monalisa Mohanty, Sikha Mohapatra (2023) Synergistic effect of PGPR and PSB for chromium toxicity in *Vigna radiata* (L.) R. seedlings. *International Journal of Phytoremediation*. DOI: 10.1080/15226514.2023.2189479.

Book – 02

- 1 Advances in Fish Research Vol VIII: Inland Aquatic Ecosystem Health and Fisheries (2023) B. P. Mohanty, S. D. Sarkar, **S. Mohanty**, S.C. Parija, S. K. nag, B. K. Bhattacharjya (Eds) Narendra Publishing Pvt. Ltd. ISBN: 978-93-92851-21-6
- 2 Zhao K, Mishra R, **Joshi RK** (2022) Genome Editing Technologies for Crop Improvement. Springer Nature Singapore Pte Ltd 2022, ISBN-978-981-19-0599-5, p1- 444. <https://doi.org/10.1007/978-981-19-0600-8>.

Book Chapter – 09

- 1 Mahanty, A., Yadav, R.P., Purohit, G.K., Mohanty, S., Mohanty, B.P. (2023). Metabolomic Response to High Temperature Stress in Murrel *Channa striatus* and Insights for Designer Feeds. In: Sinha, A., Kumar, S., Kumari, K. (eds) Outlook of Climate Change and Fish Nutrition. Springer, Singapore. https://doi.org/10.1007/978-981-19-5500-6_15
- 2 Mohanty BP, Ganguly S, Mahanty A, Mitra T, Mohanty S, Das BK (2023). Production of Omega-3 Capsules from Fish Offal: Recycling of Resources for Sustainable Production and Consumption. In: R. K. Majumder, A. K. Balange (Eds.), Advances in Fish Processing Technologies Preservation, Waste Utilization, and Safety Assurance, 1 st Ed, Ch 14, Apple Academic Press Inc.
- 3 P Mohapatra, A Ray, I. S. Sandeep, S Nayak, S. Mohanty (2022) Tissue culture mediated biotechnological intervention in *Centella asiatica*: A potential antidiabetic plant. Biotechnology of Anti-Diabetic Medicinal Plants (Springer Nature). Ebook ISBN **978-981-16-3529-8**, Print ISBN 978-981-16-3528-1
- 4 Zhao K, Mishra R, Joshi RK, Liu YG (2022) Genome editing towards rice improvement. In, Zhao K, Mishra R, Joshi RK (eds) Genome editing Technologies for Crop Improvement. Springer International Publishing, Singapore. pp 161-175
- 5 Zheng W, Mishra R, Joshi RK, Zhao K (2022) Targeted gene replacement in plants using CRISPR-Cas technology. In, Zhao K, Mishra R, Joshi RK (eds) Genome editing Technologies for Crop Improvement. Springer International Publishing, Singapore. Pp 139-160.
- 6 Mishra R, Mustaq M, Joshi RK (2022) Expanding the scope of base editing in crops using Cas9 variants. In, Zhao K, Mishra R, Joshi RK (eds) Genome editing Technologies for Crop Improvement. Springer International Publishing, Singapore. pp 161-175
- 7 Mishra R, Joshi RK, Zhao K (2022) Genome editing is Revolutionizing Crop Improvement. In, Zhao K, Mishra R, Joshi RK (eds) Genome editing Technologies for Crop Improvement. Springer International Publishing, Singapore. pp 3-41
- 8 Sarkar A, Joshi RK, Basu U, Rahman H, Kav NNV (2022) Genome editing for the improvement of oilseed crops. In, Zhao K, Mishra R, Joshi RK (eds) Genome editing Technologies for Crop Improvement. Springer International Publishing, Singapore. Pp 367-392.
- 9 Mahanty B, Sutar SB, Mohanty JN, Mishra R and Joshi RK (2022) MicroRNA- Mediated Insect Resistance in Field Crops. In, Tanda, A.S. (eds) Molecular Advances in Insect Resistance of Field Crops. Springer International Publishing.

Patents – 01

Patent File number: 202022100303 (Granted). Year of grant-2022

Patent type: Australian innovation

Patent title: A System for an Efficient Identification of Purple Blotch Resistance in Onion.

Inventors: Joshi Raj Kumar, Mishra Rukmini, Mohanty Jatindranath, Mahanty Bijaylaxmi.

4. **Research project /s sanctioned: 03 (in the current year)**

Newly sanctioned research projects

S.No	Title of the project	Name of the PI/Co-PI	Funding Agency	Amount mobilized
1	Bioprospecting of <i>Ixora coccinea</i> plant extracts used by the tribal communities of Odisha for treatment of leucorrhoea	Dr Sanjay K Raul	Odisha State Higher Education Council, Govt. of Odisha	5.22 Lakhs
2	Bioprospecting of major phytochemical profile of <i>Coffea arabica</i> cultivated by the tribal communities of Koraput district of Odisha and its potential therapeutic effect.	Dr Sanjay K Raul	Science and Technology Department, Govt. of Odisha	9.96 Lakhs
3	A novel approach towards staphylococcal biofilm using synergism of lysostaphin conjugated silver nanoparticles from <i>Annona muricata</i> L. for biomedical applications	Dr Tilothama Bhotra	Odisha State Higher Education Council, Govt. of Odisha	7 Lkhs
4	Phyto nano technological interventions for hepatocellular carcinoma treatment – an invitro and in silico approach	Dr Dillip K Bishi	Science and Technology Department, Govt. of Odisha	10 lakhs

Ongoing sanctioned research projects

S.No	Title of the project	Name of the PI/Co-PI	Funding Agency	Amount mobilized
1	DBT sponsored PG teaching programme in Biotechnology	Coordinator- Prof. Sasmita Mohanty	DBT, Govt. of India	180 Lakhs
2	Engineering anthracnose resistance in chilli pepper (<i>Capsicum annuum</i> L.) using a single transcript CRISPR/Cas9 genome editing system. (In collaboration with CUTM, Bhubaneswar)	Dr. Raj Kumar Joshi	SERB, Govt. of India	31.00 Lakhs
3	Propagation of elite Kewda (<i>Pandanus fascicularis</i>) in association with other aromatic crops to enhance farmer's income through high quality oil production. (In collaboration with SOA, University & FFDC, Kannauj)	Dr. Sujata Mohanty	DBT, Govt. of India	87.94 Lakhs

5. **Faculty achievements (Awards/honours, training/workshops attended, presentation in conferences etc.)**

5.1 Awards/honours/recognition:

Sl No	Name of Faculty	Awards/honours/recognition
1	Prof Sasmita Mohanty	Acted as PhD Annual review external expert at CUTM, Odisha

2	-do-	Acted as an evaluator for the participants' presentations at the Refresher Course in Biotechnology from 10th February 2023-23rd February 2023 organised by HRDC, Utkal University, Odisha
3	-do-	Session chair at the International Conference on Recent Trends in Biotechnology, 22-23 June, 2022 organised by CUTM, Odisha
4	-do-	Nodal officer of the 2 nd Convocation, RDWU on 10 February, 2023
5	Dr Sujata Mohanty	Nominated as Secretary, Odisha Botanical Society
6	Dr Raj K Joshi	Invited speaker International Conference on "Bioresources of our Environment: Utilization and Conservation (ICBEUC-2022), CUTM Bhubaneswar
7	-do-	Invited speaker 7th Plant Genomics & Gene Editing Congress: Asia Asia, organized by Global Engage: Life Science Conference & Training, Kidlington Center, Oxfordshire, UK. Email: info@globalengage.co.uk
8	-do-	Keynote speaker National Seminar on "Recent advances in Bioscience & Biotechnology", organized by GIET University, Gunupur
9	Dr Monalisa Mohanty	Green Army Commandant Award from Prerna International Green Army
10	Dr Sanjay K Raul	Invited as Resource Person by KKS Women's college to deliver a lecture on "Understanding good laboratory and Research practices: An Early Bird Aspiration".
11	-do-	NAAO achiever award in the field of science and technology at 6 th NAAO Annual Meet 2022.
12	Dr Dillip K Bishi	Invited as resource person on "Confocal Microscopy in Life Science Research" at National workshop on "Role of Life Sciences in Environmental Sustainability" during 18-19th March 2023 in the School of Life Sciences, Sambalpur University, Bhubaneswar.
13	-do-	keynote speaker on "Tissue Engineering and Nanobiotechnological Approaches for Cancer Therapy" in faculty development programme on "emerging trends in life science and nanomedicine" from 14-27 June 2022 organized by Kalinga, University, Raipur, Chhatisgarh

5.2 Training/workshop attended

Sl no.	Name of Faculty	Training/workshop attended with month/year
1	Prof. Sasmita Mohanty	Training Programme on Genetic Engineering Plants: Biosafety considerations, policies, challenges and detection strategies (virtual mode) organised by GM detection research facility, ICAR-NBPGR, New Delhi from 19-25 July, 2022
2	Dr Sujata Mohanty	Training programme on "Prevention of women from sexual harassment at work place, Act 2013 of IC members, RDWU jointly organised with Odisha state commission for women on 25.07.2022.
3	Dr Dillip K Bishi	Online two weeks refreshers course in "Life Sciences" from 17 March to 1 April 2023 and obtained Grade "A", organized by Teaching

		Learning Centre, Ramanujan College University of Delhi in collaboration with Department of Chemistry, Miranda House University of Delhi under the aegis of ministry of education pandit madan mohan malaviya national mission on teachers and teaching.
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5.3 Presentation in conference

Sl no.	Name of Faculty	Details of conference/presentation title/organizers/month and year
1	Dr Sujata Mohanty	International Conference on Biotechnology Trends and future prospects (BTFP- 2022) 13-15 September 2022 organised by University of Agricultural Sciences, Bangalore.
2	-do-	45 th Annual Conference of Odisha Botanical Society and National Seminar on Biotechnological approaches for mitigating climate Change.10-11 December 2022.
3	Dr Raj K Joshi	International Conference on "Bioresources of our Environment: Utilization and Conservation (ICBEUC-2022), CUTM Bhubaneswar
4	-do-	7th Plant Genomics & Gene Editing Congress:Asia Asia, organized by Global Engage: Life Science Conference & Training, Kidlington Center, Oxfordshire, UK. Email: info@globalengage.co.uk
5	-do-	National Seminar on "Recent advances in Bioscience & Biotechnology", organized by GIET University, Gunupur
6	Dr Monalisa Mohanty	45 th Annual Conference of Odisha Botanical Society and National Seminar on Biotechnological approaches for mitigating climate Change.10-11 December 2022.
7	Dr Sanjay K Raul	45 th Annual Conference of Odisha Botanical Society and National Seminar on Biotechnological approaches for mitigating climate Change.10-11 December 2022.
8	Dr Tilothama Bhotra	45 th Annual Conference of Odisha Botanical Society and National Seminar on Biotechnological approaches for mitigating climate Change.10-11 December 2022.
	Dr Dillip K Bishi	symposium - "Insights into the Key Trends in Biomaterial Research"; organized by the DBT-Institute of Life Sciences, Bhubaneswar from 27th and 28th September, 2022.

6. Student's achievement

Qualification in entrance exams

- Kendre Sandhya Rani, PG 2nd Yr (2021-23) qualified **CSIR NET JRF 2022**
- **Students qualified GATE 2023**
 1. R Divya
 2. Ankita Samal
 3. Medhabini Mishra
 4. Jyoti Soccour Gonsalves
 5. Kendre Sandhya Rani
 6. Shiwangi Chandak
- **Students qualified IIT JAM 2023**
 1. Alankrita Nayak
 2. Ananya Das
- **Prizes**
 - ✓ **R Divya** (M.Sc Biotechnology 2021-2023)
- 3rd Prize in Voice of BT, organised by Novozymes and Able enterprises

- 3rd prize in Essay competition organised by Science Society, RDWU
- ✓ **Amisha Ghadai** (UG 1st yr Biotechnology 2022-25)
- 2nd prize in Odia Quiz organised by Science Society, RDWU

7. Seminars/Conferences/Workshops/Webinars organised:

Sl no.	Name of the conference/seminar/webinar	Organized by	Date of conference
1	3rd National Conference on 'Realigning Indian Agricultural for a Sustainable Future' (5F Farming 2022)	Dept. of Biotechnology	10th - 12 th March, 2022 (2 days)
2	BIOSPECTRUM-Biotechnology- Industry Interaction Series Dr. Neera Singh, Founder Director, ProCyto Labs, KIIT-TBI, Bhubaneswar.	-do-	14 th May 2022
3	BIOSPECTRUM-Biotechnology- Industry Interaction Series Aman Abhishek, National Business Manager, BIOWORLD	-do-	18 th May 2022
4	ROSALIND FRANKLIN SEMINAR SERIES on "Evolution, Development, Body size and Reproductive Isolation : An Integrative Biology Approach using Drosophila" Dr. Shampa M. Ghosh , KIIT school of Biotechnology, Bhubaneswar	-do-	12 th March 2022
5	ROSALIND FRANKLIN SEMINAR SERIES on "Cell Mediated Immunity (CMI) and Immune Regulation in Health and Diseases" Dr. Subhasis Chattopadhyay, School of Biological Sciences, NISER, Bhubaneswar.1	-do-	17 th March 2022
6	ROSALIND FRANKLIN SEMINAR SERIES on "Protein Degradation: Destruction for the sake of construction" Dr. Indrajit Sahu, Harvard Medical School, Boston, MA, USA.	-do-	25 th April 2022
7	Skill Based Training Programme in Bio-entrepreneurship	-do-	7 th - 17th February, 2022
8	ROSALIND FRANKLIN SEMINAR SERIES on "Recent Trends in Malting and Brewing Sciences" Dr. Shakti Shankar Mohanty, Director, 2SUD-Bev Consulting Pvt Ltd.	-do-	28 th Oct 2022
9	BIOSPECTRUM-Biotechnology- Industry Interaction Series "Next frontier in molecular medicine: A giant leap from Blood to DNA" Dr. Birendra Banerjee Managing Director, InDNA Life sciences Pvt Ltd., BBSR	-do-	19 th Nov 2022

8. Social outreach Programme: Nil

9. Alumni Activity

The 1st Annual Alumni Meet of the Department of Biotechnology was conducted in Smart Classroom, Academic Block 3, Dept. of Biotechnology, on 12th November 2022 from 2 pm to 5pm. The occasion was graced by students from previous batches and all the faculties of the department attended the event. The alumni were asked to fill up a registration form. The meeting commenced with the welcome note by the head of the department Dr. Sujata Mohanty. Prof. Sasmita Mohanty, Dr. Raj Kumar Joshi, Dr. Dillip Kumar Bishi, Dr. Tilothama Bhotra and Dr. Sanjay Kumar Raul enlightened the atmosphere with wonderful

speeches and interacted with the alumni. The alumni were delighted to see the flourishing Biotechnology department. This was followed by a colourful cultural programme by current year students. Proposal was made to communicate with the students from passed out batches for the record/database updating procedure, create a website for alumni association, and creation of an alumni directory. Dr. Raj Kumar Joshi made a generous contribution of Rs 10000 to the alumni association fund. The office bearers of the alumni association were selected: Miss Tamarapalli Sravya Sruti as the President, Miss Tista Mallick as the Secretary and Miss Pyari Payal Beura as the Treasurer. The alumni and faculties were treated with sumptuous lunch. The meeting ended with the vote of Thanks by the head of the Alumni Association Dr. Tilothama Bhotra.

10. Value added course:

Name: Molecular Techniques for Integrative Research

Students enrolled: 27

25 students appeared the exam on 25th Feb 2023 and marks has been submitted to CPGC office.

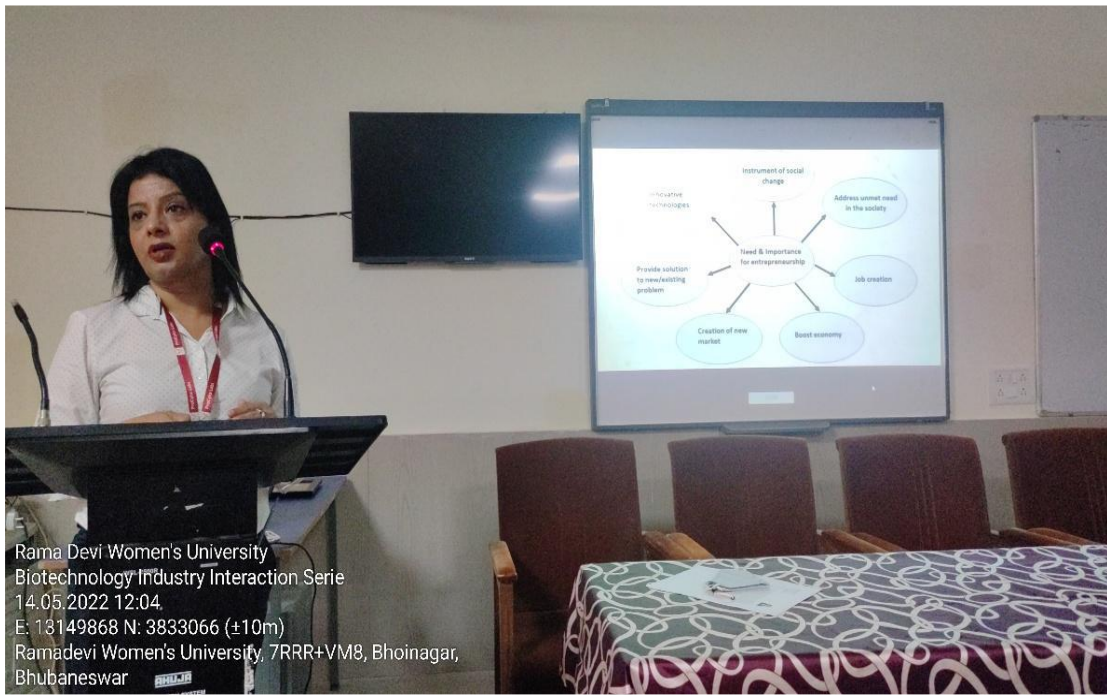
11. Industry/Lab Visit:

Sl No	UG/PG students	No of students and Date	Industry/ Lab	Accompanying Teacher(s)
1	PG 2 nd Yr students	26 30.11.2022	Plant Tissue culture Laboratory, SOA University	Dr Sujata Mohanty
2	PG 1 st and 2 nd Year	38 12.12.2022	Institute of Life Sciences, Bhubaneswar	Dr Sanjay K Raul
3	PG 1 st and 2 nd Year	38 13.02.2023	Institute of Mineral and Material Technology, BBSR	Dr Sanjay K Raul Dr Monalisa Mohanty
4	PG and UG final Year students	44 1.03.2023	Wet land Research and Training Centre, Chilika Development Authority, Chilika	Prof Sasmita Mohanty Dr Sujata Mohanty Dr Raj K Joshi Dr Sanjay K Raul Dr Dillip K Bishi

Sujata Mohanty

Dr Sujata Mohanty
Assoc Prof and Head
Dept of Biotechnolog

Selected Galleries



Dr. Neera Singh, Founder Director, ProCytoLabs speaking on “Bioentrepreneurship”



Biospectrum Seminar Series: Dr Dr. Birendra Banerjee, Managing Director InDNA Life sciences Pvt Ltd with Biotech Faculties, and students.

Prof Sasmita Mohanty with Dr Sujata Mohanty and Dr Monalisa Mohanty attended National Seminar



Alumni Meet - 2022



Ms Kendre Sandhya Rani qualified NET JRF

Ministry of Education
Government of India





Human Resource Development Group
Council of Scientific & Industrial Research



राष्ट्रीय परीक्षा एजेंसी
National Testing Agency

Joint CSIR - UGC NET JUNE 2022 National Testing Agency - Score Card

Application Number :	221610137689	Roll Number :	OR0401430099		
Candidate's Name :	KENDRE SANDHYA RANI				
Mother's Name :	KENDRE MAYA				
Father's Name :	KENDRE BAPURAO				
Category :	OBC- NCL (CENTRAL LIST)	Person with Disability (PwD) :	No		
Gender :	FEMALE	Date of Birth :	22-03-2001		
Subject :	LIFE SCIENCES				
No of Candidates in this Subject	Registered :	83679	Appeared :		62655
Applied For :	APPLIED FOR JRF				
Paper	Percentile Score Obtained@				
Part A	86.7039702				
Part B	57.9936051				
Part C	98.4845457				
Total	96.6693312				
Total Percentile Score obtained (in words)	NINETY SIX POINT SIX SIX NINE THREE THREE ONE TWO ONLY				
Result	JRF(NET)-UGC				
RANK	200				

Dated : 28-10-2022

Anjanshu
Senior Director, NTA

Ms R Divya secured second position at the Inter Collegiate Biotechnology Speaking contest



PRESENTS

voice for BT

Inter collegiate
public speaking contest
on Biotechnology

Certificate of Achievement

This is to certify that

R Divya

Ramadevi Women's University, Bhubaneswar, Odisha

is the **2nd Runner up** of the East Zone public speaking contest held on October 21, 2022 at KIIT University, Bhubaneswar, Odisha

G S Krishnan
G S Krishnan
Hon. President
Association of Biotechnology Led Enterprises - ABLE

EVENT HELD IN ASSOCIATION WITH

KNOWLEDGE PARTNER



novozymes
Rethink Tomorrow

ORGANIZER



ABLE
Association of Biotechnology Led Enterprises

REGIONAL PARTNER



KIIT
KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY (KIIT)

28/10/2022 16:50

Industry/Lab Visit

