



ADMISSION BROCHURE 2025

Empowering women
redefining possibilities

DBT-SUPPORTED M.Sc BIOTECHNOLOGY PROGRAMME



RAMA DEVI WOMEN'S UNIVERSITY
VIDYA VIHAR, BHUBANESWAR-751022
Website: www.rdwu.ac.in



From Molecules to Miracles : Message from the HOD



Prof. Raj Kumar Joshi

“

It gives me great pleasure to welcome aspiring young minds to the Department of Biotechnology at Rama Devi Women's University, Bhubaneswar. Our M.Sc. Biotechnology programme is designed to provide a robust foundation in modern biological sciences, integrating cutting-edge research with practical applications in agriculture, health, environment, and industry.

With a dedicated team of experienced faculty, state-of-the-art laboratories, and a student-centric learning environment, we aim to nurture scientific curiosity, critical thinking, and innovation. Our programme offers hands-on training, interdisciplinary exposure, and opportunities for project-based learning and research, preparing our students for successful careers in academia, research institutions, and the biotechnology industry.

We invite motivated and passionate women students to be a part of this enriching academic journey. Join us and contribute to shaping the future of science and society.

”

Genesis of the Department



- The Department of Biotechnology at Rama Devi Women's University was established in **2015** with the aim of providing quality higher education and cutting-edge research training in emerging areas of biotechnology and allied sciences to girl students from across the country.
- Currently, four research groups focusing on major thrust areas including **Functional Genomics & Stress Biology, Stem Cell & Tissue Engineering, Plant & Environmental Biotechnology and Natural Products & Therapeutics research** are active within the department.
- Students receive innovation-based training, with special emphasis on the fundamental concepts of biological processes to prepare them for research in advanced areas of modern biology.

Objective

- To impart knowledge and skills of different areas of biotechnology and to nurture students for research and development.

Vision

- To showcase the department as a hub of global biotechnology research and empowerment of women through cutting-edge technology, education, training and research.

Mission

- Develop quality curriculum and research agenda to enhance efficiency in agriculture, molecular medicine, and environmental sustainability.
- Develop skilled manpower in the field of biotechnology.
- Develop a strong linkage between academics, Research, and Industry across the country and abroad.
- Implement and execute biotechnological tools for the upliftment of women and rural population.

Faculty details



Prof. Sasmita Mohanty
Professor



Prof. Raj Kumar Joshi
Professor and Head



Prof. Sujata Mohanty
Professor



Dr. Dillip Kumar Bishi
Assistant Professor



Dr. Sanjay Kumar Raul
Assistant Professor



Dr. Tilothama Bhotra
Assistant Professor



Dr. Monalisa Mohanty
Assistant Professor



Ms. Swatee S Upadhyay
Guest Faculty

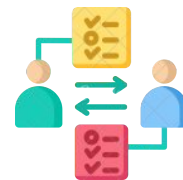


Dr. Ashok K Nayak
Guest Faculty

Details of the faculty members can
be accessed by scanning the code :



Teaching, Learning & Evaluation



Teaching methods

- Proctorial process
- ICT based teaching
- Remedial Classes
- Teaching through i-LMS
- Mentor-mentee interactions



Provisions

Advanced Learner

- Tutorial Classes
- Mentor-Mentee interactions
- UGC/CSIR NET Classes
- JAM, GAT-B preparatory classes



Slow Learner

- Remedial Classes
- Tutorial Classes
- Mentor-Mentee interactions



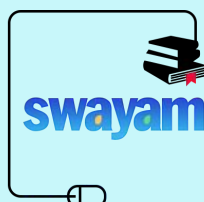
Student Centric Method of Teaching

- Project based teaching
- Collaborative Learning
- Student Seminar Presentation
- Assignments/ Quiz
- Summer Internship



ICT Tools for Teaching

- E-content (SWAYAM, ePG-Pathshala, MOOC)
- Virtual Labs
- Interactive sessions
- E-resources- University central library



Evaluation

- Quizzes
- Assignments,
- Seminars
- Mid-term Exam
- End Term Exam
- Provision for appeal/Repeat Chances Mid Sem & End Semester
- IT integration in examination evaluation is in process



Mentor-mentee interaction



Soft skills development and leadership session

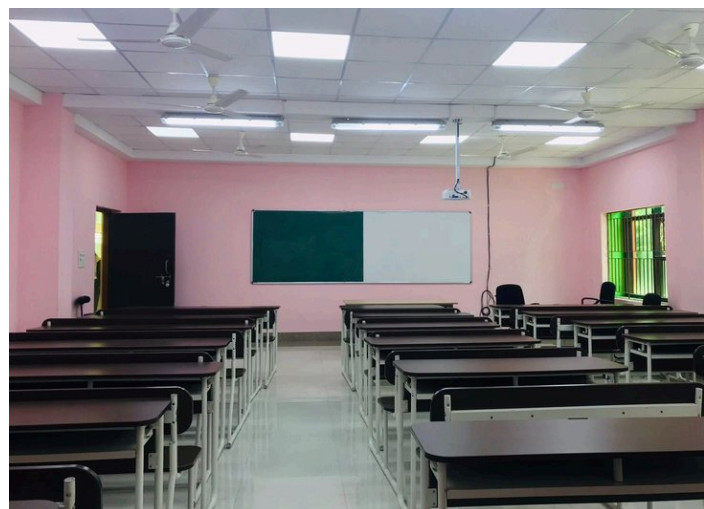
Infrastructure



Seminar Hall



Lecture Hall-1

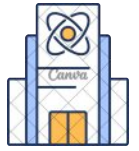


Lecture Hall-2



Equipments in the Department

Lab facilities



Molecular Biotechnology Lab



Cell Culture facility



Microbiology and Industrial biotechnology laboratory



Plant & Environmental Biotechnology facility



Student Practical Lab



Natural Products and Therapeutics Lab

Collaborations



Collaboration can provide a much-needed boost – and quickly – in academic and co-curricular offerings for institutions without strengths in certain areas. By emphasizing collaboration, we can define this new era of higher education : growth through cooperation. Collaborative Activities For Research, Faculty Exchange, Student Exchange/Internship has been taken up by the Biotechnology department.

Activities Undertaken	Outcomes
Exposure visit	Student Internships & field reports
Mentoring	Invited talk, joint conferences & workshop
Industrial linkage	Mutual Research, student placement
MOUs	Research collaboration and publication

Major collaborating agencies



Student Outreach Activities



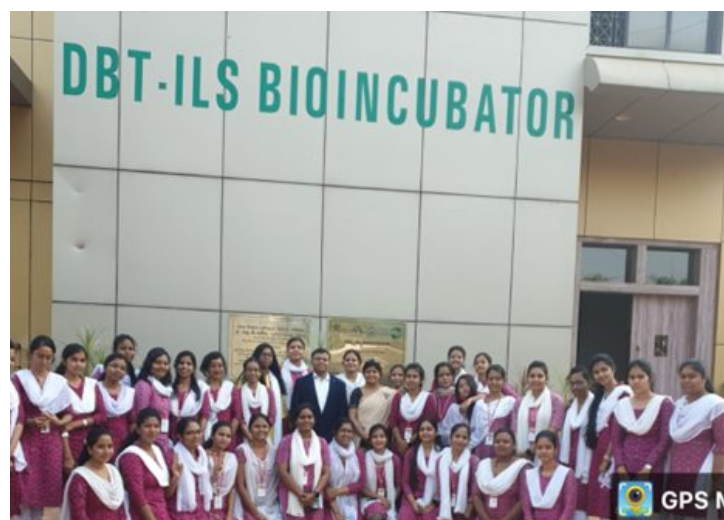
Visit to Imgenex India Pvt Ltd, on 10th April 2025



Study tour to Saha Institute of Nuclear Physics, on 5th March 2024



Study tour to Wetland research and Training Centre, Chilika on 1st March 2023



Visit to DBT-ILS Bioincubator on 12th Dec 2022



Visit to Bio-fertilizer Unit of IFFCO, Paradeep on 5th Feb 2020

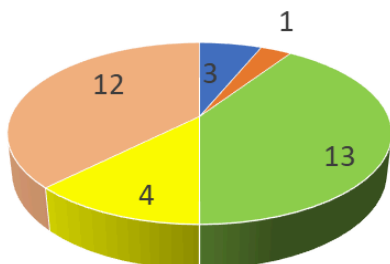


Visit to DIAGEO United Spirit Limited, Gopalpur on 14th Dec 2018

Student Progression and Placement

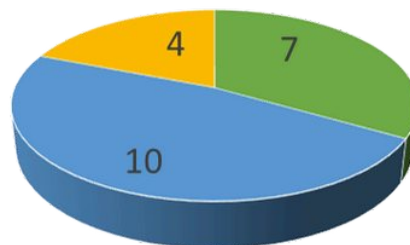


Students qualifying National level exams for higher studies



■ CSIR/UGC NET ■ DBT-JRF ■ GATE ■ JAM ■ GAT-B

Placement of students (2018-23)



■ Project positions ■ Technical Executives
■ Teaching/govt jobs

Prominent placements



Soubhagya S Samal
PG 2016-2018
Research Associate
Dr. Reddy's Laboratory



Jyotirmayee Dey
PG 2018-2020
Program Associate
BCKIC, Bhubaneswar



Chinmayee Sahoo
PG 2018-2020
Research Associate
Bharat Biotech, Bhubaneswar



Arpita Panda
PG 2018-2020
Research Associate
Sapigen Biologix Pvt. Ltd



Prasanti Samanta
PG 2017-2019
QC Associate
Syngene International Limited



Ananya Patra
PG 2021-2023
Clinical Research Coordinator
CRO Pharmatrenz PVT. LTD

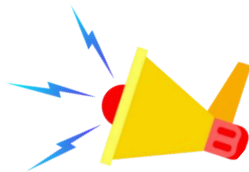


Diksha Dey
PG 2019-2021
Food Safety Officer
Govt. of Odisha



Itismita Pradhan
PG 2019-2021
Technical Associate
IQVIA Logistics

Real Experiences, Real Impact



“The hands-on experience and mentorship I received at the department of Biotechnology, Rama Devi Women’s University transformed me. This university truly empowers women to lead in science.”

– **Chinmayee Sahoo**, Research Scientist at Bharat Biotech, Bhubaneswar (M.Sc. Biotechnology, Class of 2020)

“Qualifying CSIR-NET felt like a dream, and it became possible because of the academic rigor, personal mentoring, and mock tests provided by the university. The faculties guided me every step of the way, and the strong research environment kept me motivated.”

– **R.Divya**, PhD scholar, Institute of Life Sciences, Bhubaneswar (M.Sc. Biotechnology, Class of 2023)



“The hands-on training, exposure to real-world projects, and guidance from faculties gave me the confidence and skills needed to step directly into a professional lab environment.”

– **Soubhagya Soumyashree Samal**, Research Scientist, Dr. Reddy’s Laboratories (M.Sc. Biotechnology, Class of 2018)

“I am deeply grateful to Dept. of Biotechnology for the strong academic foundation, mentorship, and support. I was a part of an incredible learning environment. Thank you for shaping my journey!”

– **Swagatika Barik**, PhD scholar, National Institute of Technology, Rourkela (M.Sc. Biotechnology, Class of 2021)





Master of Science in Biotechnology

M. Sc. Biotechnology is a post graduate degree program in advanced interdisciplinary area of biology, conducted and funded as one of the national centers by **Department of Biotechnology (DBT)**, Govt of India.

The course has a choice based credit system with a total of 106 credits distributed across four semesters for two academic sessions. The semesters will have internal and external examination system of valuation for theory paper only and external system of examination for practical papers. The fourth semester will have a dissertation based project work towards partial fulfillment for the award of the degree of M.Sc in Biotechnology.



Number of seats

10 Seats (Reservation of SC/ST/OBC/ EWS applicable as per GOI rules)

TOTAL	UR	OBC	SC	ST	EWS	DA
10	4	3	1	1	1	-



Fee structure



Duration

2 years (4 semesters)

Semester	Fee Structure
Semester - I	Rs 24,228/- year (Admission Fee: Rs 4228/-) Lab Development Fee: Rs 20,000/-
Semester – II	
Semester – III	Rs 24,228/- year (Admission Fee: Rs 4228/-) Lab Development Fee: Rs 20,000/-
Semester - IV	



Eligibility Criteria

Bachelor's degree under 10th,+2,+3 pattern of education in Physical/Biological sciences, with atleast 55% marks in aggregate (50% for SC/ST /DA/OBC/EWS candidates). Only women candidates can apply.



Selection Procedure

Selection will be on the basis of qualification and score obtained in the GAT-B 2025. In case of candidates with same GAT-B rank, percentage of marks at BSc level will be taken into consideration.

Admission schedule 2025

ADMISSION
OPEN



Admission Timeline

Sl No	Admission Activity	Date
1	Notification for admission	9th June 2025 (Monday)
2	Last date of receipt of filled in application form	7th July 2025 (Monday)
3	Scrutiny of applications and display of master list on university website	8th July 2025 (Tuesday)
4	Display of first list of selected candidates	9th July 2025 (Wednesday)
5	Admission of selected candidates and fee submission (for 1st list)	12th July 2025 (Saturday) to 18th July 2025 (Friday)
6	Display of vacant seats and display of second list of selected candidates	21st July 2025 (Monday)
7	Admission of selected candidates and fee submission (for 2nd list)	23rd July 2025 (Wednesday) to 29th July 2025 (Tuesday)
8	Display of vacant seats, if required	30th July 2025 (Wednesday)
9	Transfer of candidates (if any)	By 7th August 2025 (Thursday)
10	Admission of vacant seats (if any)	By 20th August 2025 (Wednesday)
11	Closure of admissions	20th August 2025 (Wednesday)
12	Submission of list of admitted students to DBT	30th August 2025 (Saturday)



Scanned copy of the filled in application form along with enclosures should be sent by email (gatbadmissionrdwu@gmail.com) on or before **07.07.2025**. No hard copy submission is required. Application received after the due date/ incomplete applications will be rejected.

RAMA DEVI WOMEN'S UNIVERSITY

Vidya Vihar, Bhubaneswar, Odisha-751022,
Website-www.rdwu.ac.in; email: hod.biotech@rdwu.ac.in

APPLICATION FORM

(For admission into DBT-supported M.Sc. BIOTECHNOLOGY programme)

1. Applicant's name (BLOCK) : _____

2. Father's name: _____

3. Mother's name: _____

4. Date of birth: _____

5. Nationality: _____

6. AADHAR no. : _____

7. Mother tongue: _____

Affix your recent
passport size color
photograph here

8. Reservation category (put a ✓ wherever applicable) :

General	Scheduled caste (SC)	Scheduled tribe (ST)
Other backward caste (OBC)	Economically weaker section (EWS)	Differentially Abled (DA)

9. Address for correspondence:

Address line 1 _____

Address line 2 _____

City/Town _____ State _____

Pin code _____ Mobile: _____

Email ID: _____

10. Permanent address:

Same as correspondence address: YES/NO _____

Address line 1 _____

Address line 2 _____

City/Town _____ State _____

Pin code _____ Mobile: _____

11. Educational details :

Sl no.	Level	Institution/ University	Percentage/ CPGA	Year of passing
1	Secondary (Matric)			
2	Higher Secondary (+2)			
3	Graduation (+3)			

12. GAT B details :

Registration no. : _____

GAT-B 2025 score : _____

Rank : _____

13. Would you like to reside in hostel: Yes/No.: _____

DECLARATION

I do hereby, declare that the particulars furnished in this form are true to the best of my knowledge and I shall abide by the rules and regulations framed by the university from time to time. I shall forfeit my seat in case of fraud or misrepresentation on my part.

Date: _____

Place: _____

Signature

NOTE

- Scanned copy of the filled in application form along with enclosures should be sent by email (**gatbadmissionrdwu@gmail.com**) on or before **07.07.2025**. No hard copy submission is required. Application received after the due date/ incomplete applications will be rejected.
- Any queries regarding the application procedure may be communicated to email: **hod.biotech@rdwu.ac.in**
- **Address for correspondence:** Coordinator, DBT-supported PG Programme, Dept. of Biotechnology, Rama Devi Women's University, Vidya Vihar, Bhoi Nagar, Bhubaneswar-751022, Odisha.

DOCUMENTS TO BE ENCLOSED ALONG WITH THE APPLICATION FORM

The applicants are required to send the application along with the following documents:

1. Copy of the certificates and mark sheets of 10th, +2 and +3 Degree examinations /equivalent examinations.
2. Copy of the ST/SC/OBC Certificate, issued by Revenue Officer, not below the rank of Tahsildar/ Additional Tahsildar.
3. Copy of the DA (Differentially abled) Certificate issued by CDMO/SDMO/CMO of district level hospital.
4. GAT B 2025 rank card.
5. Copy of the AADHAR card.

DOCUMENTS TO BE PRODUCED AT THE TIME OF ADMISSION

The applicants are required to report for admission with the following documents:

1. Original Certificates & Mark sheets of 10th, +2- and +3-degree examinations/ Equivalent Examinations.
2. Original College Leaving Certificate and Conduct Certificate from the Institution last attended.
3. Original Migration certificate (for students from other University)
4. Three self-attested recent colored passport size photographs.
5. Original Caste Certificate in case of ST/SC/OBC candidates, issued by Revenue Officer not below the rank of Tahsildar /Additional Tahsildar.
6. Differentially abled certificate/ID should be issued by the CDMO/ Chief Medical Officer from district level hospital.

GENERAL INFORMATION

- Application without copies of certificates in support of reservation will not be considered for the same.
 - If no applications are received under any reserved categories, the seat under the said category will be offered to applicant from the general category.
 - Suppression of facts/submission of incorrect information of the applicant, if detected at the time of admission or thereafter, will render the selection/admission invalid.
 - Incomplete application in any form will be rejected.
 - Ragging in any form is strictly prohibited. Each applicant has to furnish an undertaking in this regard.
 - Indiscipline in any form in the Campus or in Department or in Hostel will not be allowed. This may lead to rustication from the University.
 - Students must abide the University Rules, Department Rules, Hostel Rules (For Boarders) and other such rules enacted from time to time by the University.
 - Examination: In order to be eligible to appear at the University Examination, a student has to secure at least 75% of attendance and a student having attendance between 60% to 75% will be permitted with Medical Certificate.
 - Correspondence regarding Admission: All correspondence (with application id number) in connection with P.G. Admission should be addressed to the Coordinator, DBT supported PG Biotechnology programme, Rama Devi Women's University, Vidya Vihar, Bhubaneswar, 751022.
 - If an applicant takes TC within the admission period, the fee deposited at the time of admission will be refunded after deduction of Rs. 200/- towards service charges. However, if an applicant takes TC after the closure of the admission process, the amount paid at the time of admission shall not be refunded.
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- **Important Note: The candidates are advised to visit the university website (www.rdwu.ac.in) regularly for important notices related to admission.**



Department of Biotechnology
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