

DEPARTMENT OF BIOTECHNOLOGY: ANNUAL REPORT
2020-2021

The Department of Biotechnology, since its inception, emphasizes on both teaching and research with the faculty members striving to strike a perfect balance between academics, research and teaching.

PERFORMANCE AND ACHIEVEMENTS OF STUDENTS:

Our students are extremely committed, intelligent and dynamic. Not only are they excellent in academics, they are at the forefront in extracurricular activities as well, representing the college in the field of sports and performing arts. Every year, many students qualify national level competitive examinations including CSIR-UGC National Eligibility Test (NET), DBT-BET and GATE. Our students have also attended and presented papers at seminars, webinars and workshops at various institutes both in Kolkata and in other parts of India. For the session 2020-21, following is the table for students qualified in various competitive exams.

Batch	Competitive Examinations Qualified (Note: many students qualified multiple examinations)
2015-20:	CSIR UGC NET: DEC 2018: JRF-7; CSIR UGC NET JUNE 2019: JRF-7 CSIR UGC NET DEC 2019: JRF-6; LS-1; CSIR UGC NET JUNE 2020: JRF-2; LS-2 GATE 2020: 11 (BIOTECHNOLOGY); 3(LIFE SCIENCES); DBT BET 2020:3
2016-21:	CSIR UGC NET DEC 2019: JRF-9; LS-3; CSIR UGC NET JUNE 2020: JRF-8; LS-2; DBT NET 2020: JRF-1

PLACEMENTS OF BATCH 2015-2020:

Around 12 students from the batch of 2015-2020 have already started their research in elite institutes including IISER (Kolkata & Bhopal), IIT (Kanpur), Indian Institute of Science (Bangalore), Indian Association for the Cultivation of Science (Kolkata), Tata Translational Cancer Research Center (Kolkata) etc.

RESEARCH ACTIVITIES:

Research Projects:

Name of Faculty	Research Grants
Dr. Chandana Barat	SERB, Govt. of India
Dr. Sudipa Saha Dr Priyanka De [Co-PI]	DHESTBT, Government of West Bengal
Dr. Jhimli Dasgupta	1. MHRD-STARS 2. WBDBT 3. UGC(DAE)-CSR

Dr. Aryadeep Roy Choudhury	1. SERB, Govt. of India 2. DHESTBT, Government of West Bengal
Dr. Ronita Nag Chaudhuri	SERB, Govt. of India
Dr Sayak Ganguli	1. SERB-DST [Co-PI] 2. WBDST [Co-PI] 3. WBDST [Co-PI]

Research Scholars of the Department (2020-2021):

Name of Faculty	Research Scholars
Dr. Chandana Barat	2
Dr. Aniruddha Banerji	2
Dr. Jhimli Dasgupta	4
Dr. Aryadeep Roy Choudhury	4
Dr. Ronita Nag Chaudhuri	4
Dr. Sudipa Saha	2

Publications:

Name of Faculty	No. of Publications	Journals & Book Chapters
Dr. Chandana Barat	2	Journals (2)
Dr. Aniruddha Banerji	5	Journals (1) Book Chapters (4)
Dr. Jhimli Dasgupta	2	Journal (2)
Dr. Aryadeep Roy Choudhury	37	Journals (14) Book Chapters (23)
Dr. Ronita Nag Chaudhuri	3	Journals (4)
Dr. Priyanka De	2	Book Chapters (2)
Dr. Souvik Roy	6	Journals (5) Book Chapter (1)
Dr. Sayak Ganguli	10	Journals (8) Book Chapters (2)

HONOURS / ACHIEVEMENTS OF FACULTIES:

Dr. Aniruddha Banerji

- Elected as Member of the Sectional Committee of the Section of New Biology, Indian Science Congress, 2020-21.

Dr. Aryadeep Roy Choudhury

- Guest Speaker in the virtual platform of Bioingene.com International Webinar Series. 31st December 2020.
- Resource person in the Workshop organized by the Department of Botany and IQAC, Government General Degree College, Singur, West Bengal. 21.6.2021

Dr. Ronita Nag Chaudhuri

- Associate Editor, International peer-reviewed journal “The Nucleus” (Springer Nature Publication).

Dr. Souvik Roy

- BEST PAPER AWARD [Oral presentation] in RESEARCH at Biospectrum 2020 (International Conference), Kolkata, 19th - 21st November, 2020.
- SECOND PRIZE (National Award) in the International Level Critical Essay Writing Competition, at India International Science Festival (IISF), 2020.
- Scientific Talk at Rotary Club of Calcutta, Kasba [Rotary International District (RID) 3291]. 2020.

Dr. Sayak Ganguli

- Invited talk at Department of Botany, Bangabasi College, Kolkata. 11th July, 2020.
- Invited Talk at Department of Botany, Govt. General Degree College, Singur, Hooghly. 20th July, 2020.
- Invited Talk at Department of Microbiology and IQAC Kulti College 16th July, 2020 (International Webinar).
- Invited talk at Refresher Course in Biological Science conducted by UGC Human Resource Development Centre, University of Calcutta. 26th February 2021.

Dr. Priyanka De

- Invited Lecture at Postgraduate Dept of Zoology, Vivekananda College, Kolkata. August, 2020. (National webinar)
- Invited Lecture on at Postgraduate Dept of Zoology, T.H.K. Jain College, Kolkata. August, 2020. (National webinar)

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