



FACULTY COUNCIL OF SCIENCE
JADAVPUR UNIVERSITY

NOTICE

It is to notify for information of all concerned that the classes of Ph.D. course Work for the session 2021 - 2022 in the Department of Life Science & Biotechnology under Faculty of Science will be commenced from **Monday, the 27th June, 2022 and be continued till Thursday, the 18th August, 2022 on every Thursday and Friday** recursively. All registered candidates who are willing to attend Ph.D. course work under the said department are requested to submit Ph.D. Course Registration form duly forwarded by the concerned Supervisor(s) and HoD of the respective department, to the Office of the Dean & Secretary, Faculty of Science, TEQIP Building, Ground Floor on any working days except Sundays, Saturdays and public holidays. The last date of such submission is **Thursday, the 23st of June, 2022.**

Candidates are further requested to contact the HoD of the respective department for the schedule in detail.

The course work registration form and the offered subjects / modules are appended in the consecutive pages.

Sd/-

(Prof. Subenoy Chakraborty)
Dean,
Faculty Council of Science



যাদবপুর বিশ্ববিদ্যালয়

JADAVPUR UNIVERSITY
KOLKATA-700 032

FORM FOR COURSE REGISTRATION FOR PH.D.SCHOLARS
(UNDER F.E.T./F.SC./F.A.)

DEPARTMENT/SCHOOL/INSTITUTION : LIFE SCIENCE & BIOTECHNOLOGY
(in which registered for Ph.D.)

(ENROLMENT FOR SEMESTER: JULY/DECEMBER, JANUARY/JUNE)

1. Name in full (in Block letters) : _____

2. Sex(Male/Female) : _____

3. Address for Communication: _____

4. Phone No. _____ Mobile No. _____ Email: _____

5. Course Taken:

Sl.No.	Name of Subject/course	Subject Code	Department/School/Institution under which subject offered
1.	Research Methodology	A	Life Sc. & Biotech.
2.	Review of Research Work	B	Life Sc. & Biotech.
3.			Life Sc. & Biotech.
4.			Life Sc. & Biotech.
5.			Life Sc. & Biotech.

Date: _____

Signature of the student in full

Head of the Department/Director of School

Supervisor(s)

Signature of the Dean, Faculty of Science

Registration No. _____ of _____

Date of Registration _____

Superintendent, Ph.D. Cell, Faculty of Science

**MODULES / SUBJECTS OFFERED FOR PH.D. COURSE WORK UNDER
DEPARTMENT OF LIFE SCIENCE & BIOTECHNOLOGY**

FOR THE SESSION 2021 - 2022

Courses	Subject	Full Marks
Compulsory Units	A. Research Methodology	50
	B. Review of Research Work	50
Elective Units	1. Cell culture techniques	20
	2. Microbiology	20
	3. Introduction to Molecular Biology Techniques – Applications in Biotechnology. ❖ Introduction – Principles of Molecular Biology Techniques ❖ DNA Molecular Technique ❖ Southern Blotting ❖ Northern Blotting ❖ Polymerase Chain Reaction(PCR) ❖ DNA sequencing ❖ DNA Library Construction ❖ Macroarrays	60