



NETAJI SUBHAS OPEN UNIVERSITY

SCHOOL OF SCIENCES

H.Q.: DD-26, Salt Lake, Sector-I, Kolkata - 700 064

Website: www.wbnsou.ac.in

Memo No. SoSci/26/296(i)

Date: 13.07.2026

Notification of the Course Work for Ph.D. in Botany (PHDBT), Academic Year 2024-25

Coursework Period: July 2026-December 2026

The coursework classes for Ph.D. in Botany (PHDBT), Academic Year 2024-25, have been scheduled to begin from 17th July 2026 in regular mode in the Botany Department, School of Sciences, Netaji Subhas Open University as per the compliance of UGC guidelines.

The course work structure and tentative routine for classes have been scheduled as per the following:

Paper	Module/Block/Unit	Faculty	Time	Date & Venue
Paper 1A Research Methodology (Quantitative Methods & Computer applications.) and Review of Literature	Unit I: General Concepts and Approaches in Research	Dr. Sanjib Kr. Chattopadhyay Department of Botany School of Sciences, NSOU	08 hours	NSOU-DRC/NSOU-JRC As per routine that will be communicated by the Botany department/faculty (provisional supervisor)
	Unit II: Research in Practice, Writing and Presentation	Dr. Sanjib Kr. Chattopadhyay Department of Botany School of Sciences, NSOU	08 hours	NSOU-DRC/NSOU-JRC As per routine that will be communicated by the Botany department/faculty (provisional supervisor)
	Unit III: Quantitative Methods & Computer applications in research.	Mrinal Nath Department of Computer Sc. School of Sciences, NSOU	32 hours	NSOU-KRC As per routine that will be published by School of Sciences, NSOU in consultation with concerned faculty
	Unit IV: Review of Literature	Dr. Sanjib Kr. Chattopadhyay Department of Botany School of Sciences, NSOU	16 hours	NSOU-DRC/NSOU-JRC As per routine that will be communicated by the Botany department/faculty (provisional supervisor)



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Paper 1B Research and Publication Ethics		Option 1: Credit online course (SHYAM) conducted by SPS, NSOU Option 2: Compatible MOOCs course from SHYAM portal with completion certificate by the candidate	32 hours	As per instruction/suggestion/recommendation by the School of Sciences, NSOU
Paper 2 Discipline Specific Study. (BOTANY)	Paper 2A Unit-I (Compulsory Paper)	Dr. Sanjib Kr. Chattopadhyay Department of Botany School of Sciences, NSOU	16 hours	NSOU-DRC/NSOU-JRC As per routine that will be communicated by the Botany department/faculty (provisional supervisor)
	Paper 2A, Unit: II-V (any two) (As per suggestions of the provisional supervisor/ chosen by the candidate.)	Will be decided by the provisional supervisor subject to approval from School of Sciences, NSOU	48 hours	NSOU-DRC/NSOU-JRC/NSOU-KRC As per routine that will be communicated by the Botany department. or faculty OR Certificate courses from recognized institute/organization compatible with syllabus.
	Paper 2B (Presentation and viva-voce)	Candidate have been assigned to the faculty (provisional supervisor) to supervise and presentation & viva-voce will be evaluated conducted by DRC	32 hours	NSOU-DRC/NSOU-JRC/NSOU-HQ Will be communicated by the Botany department, School of Sciences, NSOU

Sanjib Kr. Chattopadhyay 12/11/20
 Dr. Sanjib Kr. Chattopadhyay
 Assistant Professor
 Department of Botany
 School of Sciences, NSOU

Director 13/11/20
 Director
 School of Sciences,
 NSOU

Copy to:

1. Registrar, NSOU, with a request to upload the routine on the university website
2. E.S. to V.C for information of V.C
3. PHDBT File



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H.Q.: DD-26, Salt Lake, Sector-I, Kolkata – 700 064

City Campus: K-2, Bidhannagar Fire Station, Sector- V, Salt Lake, Kolkata-700 091

Regional Centre: Kalyani/Durgapur/Jalpaiguri

Annexure I

Ph.D. Course Work

DEPARTMENT OF BOTANY

Structure of Syllabus for Ph.D. Course Work & Marks Distribution

Paper	Topic	Credit	Marks
Paper-1	Paper 1A. Research Methodology (including Quantitative Methods & Computer applications in research) and Review of Literature	4	70
	Paper 1B. Research & Publication Ethics	2	30
Paper-2	Paper 2A. Discipline Specific Study	4	70
	Paper 2B. Presentation and viva- voce	2	30
Total		12	200

Detailed Structure of Syllabus for Ph.D. Course Work & Marks Distribution

Paper	Module	Credit	Name of the Blocks/Units	Hours	Marks
Paper 1A Research Methodology (Quantitative Methods & Computer applications.) and Review of Literature	Research Methodology: Quantitative Methods & Computer applications in research	03	Unit I: General Concepts and Approaches in Research	08	25 Marks
			Unit II: Research in Practice, Writing and Presentation	08	
			Unit III: Quantitative Methods & Computer applications in research.	32	25 Marks
	Review of Literature	01	Unit IV: Review of Literature	16	20 Marks
Paper 1B Research and Publication Ethics	Research and Publication Ethics	02	As per UGC D.O. No. F.1-1/2018(Journal/CARE) dated December, 2019	32	30 Marks
Paper 2 Discipline Specific Study. (BOTANY)	Paper 2A (Candidate will opt one compulsory unit (Unit I) and two elective units out of the other units offered)	04	Details are given in Syllabus	64	70 Marks
	Paper 2B (Presentation and viva-voce)	02	Details are given in Syllabus	32	30 Marks

For each Paper/Group of the Syllabus Term-Papers will be taken by concerned DRC on the marks specified in the format.