

VALUE ADDITION COURSES (VAC)
INDEX
DEPARTMENT OF ZOOLOGY
B.Sc. (Hons.) Zoology

S.No.	Course Title	Semester	Syllabus Page
1	Swachh Bharat	II and IV	1-3

VAC 1: SWACHH BHARAT

Credit distribution, Eligibility and Pre-requisites of the Course

Course title & Code	Credits	Credit distribution of the course			Eligibility criteria	Pre-requisite of the course
		Lecture	Tutorial	Practical/ Practice		
Swachh Bharat	02	1	0	1	Pass in Class 12 th	NIL

Learning Objectives

The Learning Objectives of the Course are:

- To understand the developmental challenges with reference to sanitation infrastructure and practices.
- To build values of cleanliness, hygiene and waste management in diverse socio-economic contexts.
- To understand planning of social policy and programmes.
- To use waste management techniques at community level.
- To instil a sense of service towards society and the Nation.

Learning Outcomes

The Learning Outcomes of the course are:

- Understanding the significance of the Swachh Bharat Abhiyan.
- Ability to analyse and predict the sanitation challenges of India
- Determine the link between sanitation and development.
- Contribute to the Swachh Bharat Abhiyan through real time projects/fieldwork.

SYLLABUS OF SWACHH BHARAT

UNIT – I Introduction to Swachh Bharat Abhiyan

(4 Weeks)

- Gandhian philosophy of Cleanliness
- Swachh Bharat Abhiyan (SBA)
- Hygiene, Sanitation & Sustainable Waste Management
- Agencies and nodal Ministries for SBA

- Different phases of the SBA and its evaluation
- Citizens' Responsibilities: Role of Swacchagrahi

UNIT – II Swachh Bharat: Rural and Urban Facets

(8 Weeks)

- Indicators for Swachh Bharat
- Rural
 - i. Sanitation coverage across households (2014 vs. 2022)
 - ii. Open Defecation Free (ODF) Villages: Parameters
 - iii. ODF plus model: Key indicators
- Urban
 - i. Sustainable sanitation
 - ii. Waste/water and solid waste management
 - iii. Garbage Free Cities

UNIT – III Prospects and Challenges

(3 Weeks)

- Attitudes and Perceptions
- Operational and Financial issues
- Monitoring & Supervision
- Community Mobilization

Practical component (if any) –

(15 Weeks)

Suggested Activities: List of activities to be undertaken:

- Identify plastic and e-waste in and around the institution and suggest innovative technologies to minimize wastage.
- Identify events/fests that generate maximum waste and ways to minimize it.
- Visit canteen/shops and track the lifecycle of wet/dry waste in and around the institution and document the findings in the form of a Project Report.
- Conduct interviews of stakeholders to understand the level of awareness.
- Conduct a Clean Audit of the Institution and identify areas for action.
- Conduct cleanliness drives.
- Organise Swachhata Pakhwada meetings, rallies, and mobilization camps within the identified communities.
- Students may participate in the Swachh Bharat Internship programme.
- If required students can share their experiences in the form of a Project Report.
- Any other Practical/Practice as decided from time to time

Essential Readings

- "Swachh Bharat Mission - Gramin, Department of Drinking Water and Sanitation, Ministry of Jal Shakti"
- India 2021, Ministry of Information & Broadcasting
- <http://swachhbharatmission.gov.in/SBMCMS/swachhta-pakhwada.htm>
- <https://swachhbharatmission.gov.in/SBMCMS/about-us.htm>
- https://www.communityledtotalsanitation.org/sites/communityledtotalsanitation.org/files/ODF_verification_checklist.pdf
- <https://sbm.gov.in/phase2dashboard/PhaseII/NationDashboard.aspx>
- <https://www.niti.gov.in/sites/default/files/2019-08/Report%20of%20Sub-Group%20of%20Chief%20Ministers%20on%20Swachh%20Bharat%20Anhiyaan.pdf>

Suggested Readings

- <https://swachhbharatmission.gov.in/SBMCMS/writereaddata/Portal/Images/pd/ brochure/Greywatermanagement.pdf>
- https://swachhbharatmission.gov.in/SBMCMS/writereaddata/Portal/Images/pdf/ brochure/PWMB5_28th_June.pdf
- GoI (2020). Swachh Bharat Mission (Grameen) Phase 2: Operational guidelines. Department of Drinking Water and Sanitation, Ministry of Jalshakti.
- MoHUA (2017). Guidelines for Swachh Bharat Mission - Urban (PDF). Ministry of Housing and Urban Affairs, Government of India.

Examination scheme and mode: Subject to directions from the Examination Branch/University of Delhi from time to time

