

An Add-on course through blended mode of learning

ETHNOBOTANY AND MEDICINAL PLANTS

*An initiative by
Dhruba Chand Halder College*

The Department of Botany at Dhruba Chand Halder College has introduced an add-on course on "Ethnobotany and Medicinal Plants" for the 2025-26 academic session. This innovative program explores the interrelationship between humans and plants, focusing on traditional medicinal practices and sustainable entrepreneurship. The course aims to equip students with knowledge on profitable farming systems, herbal formulation, value-addition, and industrial applications of medicinal plants. By fostering entrepreneurship in small-scale, eco-friendly enterprises, the program promotes sustainable development and job creation in the herbal industry. Students will gain a comprehensive understanding of ethnobotany and medicinal plants, enabling them to develop their own businesses or work in related industries. The course preserves traditional knowledge while promoting modern applications, contributing to the growth of sustainable and eco-friendly practices. This initiative has the potential to empower students and contribute to the development of the community



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All interested students of Semester I are kindly requested to join the group by scanning the QR code.

Resource Persons

**Dr Mobina Parveen
(Course Coordinator)**

Assistant Professor, Department of Botany, Dhruba Chand Halder college

Prof. Manasi Bhunia Mal, Assistant Professor, Department of Geography, Mugberia Gangadhar Mahavidyalaya

**Dr. Aminul Islam, Director
ALONA Life Science**

Dr Tripti Bauri, Assistant Professor, Department of Botany, Bankura Sammilani College

Prof. Riya Rakshit , Department of Botany, Baruipur College

Prof Sourabh Dubey, Assistant Professor, M. Pharm, Belarani Institute of Medical Science

Certificate will be provided to each student after successful completion of the course

Unit	Course content	Allotted number of class*	Resource person
1	Introduction, definition, history and concept about ethnobotany; scope of ethnobotany; methodology of ethnobotany, data collection, documentation, identification of plant species	3	Dr Mobina Parveen
	Some common ethnic groups and their life style/ culture in Indian context	3	Prof. Manasi Bhunia Mal
	Plants used by these ethnic groups as food purpose, medicinal purpose and others; role of ethnic groups in the conservation of plant genetic resources	2	Dr Tripti Bauri
	Medico-Ethnobotany of India, significance of the following plants: <i>Azadirachta indica</i> , <i>Ocimum sanctum</i> , <i>Vitex negando</i> , <i>Gloriosa superba</i> , <i>Saraca asoka</i> , <i>Indigofera tinctoria</i>	2	Dr Mobina Parveen
2	Importance, scope and uses of medicinal plants	2	Dr Mobina Parveen
	Medicinal plants and natural products; application of plant-derived natural products in health promotion	3	Dr Aminul islam
	Benefits and Applications of Aromatic Plants: Unlocking Nature's Potential for Health, Wellness, and Sustainability.	2	Prof. Riya Rakshit
	Role of Ethnobotanical practices and medicinal plants in pharmacy of modern medicine	3	Prof. Sourabh Dubey
3	Cultivation of medicinal plants	3	Dr Mobina Parveen
	Value addition in the use of medicinal plants	2	Dr Tripti Bauri
	Conservation of medicinal plants	2	Dr Tripti Bauri
4	Visit to medicinal plant garden/ field	3	Dr Mobina Parveen
5	Summative assessment and feed back		

- The duration of each class is one hour. The total duration of the course is 30 hours.
- Classes start from 10th October, 2025





Add-on Course_Botany_2025-26

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