

An Add-on course through blended mode of learning

ETHNOBOTANY AND MEDICINAL PLANTS

*An initiative by the Department of Botany,
Dhruba Chand Halder College*

Plant has always played a key role on human health and social context since pre-historic times. Ethnobotany is the study of man-plant interrelationship.

The add-on course on 'Ethnobotany and medicinal plants' is an initiative by the Department of Botany, Dhruba Chand Halder College commencing from the academic session 2023-24. The programme is designed to enable students to acquire new knowledge and to inculcate the traditional system of medicinal plants.

Entrepreneurship development in medicinal plants is a new frontier for the developing human resources through training the young minds to manage resources in innovative sustainable ways. The broader objective of this add-on course is to gain knowledge about profitable farming system, herbal formulation, value-addition and industrial purposes of medicinal plants. There is huge potentiality for developing small scale enterprises producing eco-friendly and herbal products.



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

Resource Persons

Dr Mobina Parveen (Course Coordinator)
Assistant Professor, Department of
Botany, Dhruba Chand Halder college

Dr Rupanwita Sarkar, Assistant Professor,
Department of Zoology, Dhruba Chand
Halder college

**Prof. Manasi Bhunia Mal, Assistant
Professor, Department of Geography,**
Dhruba Chand Halder college

**Dr Subodh Kumar Sahoo, Assistant
Professor, Department of Chemistry,**
Dhruba Chand Halder college

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

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

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 Mobina Parveen
	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	2	Dr Subodh Kumar Sahoo
	Traditional knowledge in relation to IPR; bioprospecting and commercial use of traditional knowledge; codes of ethics and research guidelines, equitable research relationship	3	Dr Rupanwita Sarkar
	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
4	Visit to medicinal plant garden/ field	5	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.

