Course Objectives:

- To understand the basic concepts of people plant interaction
- To study the methods and approaches of ethnobotany
- To acquire knowledge on Biopyracy, IPR and Bioprospecting

Course Outcomes:
CO1: Knowledge on the significance plants in human life
CO2: Awareness on the concepts and scope of ethnobotany in human welfare
CO3: Skill to conduct ethnobotanical surveys, scientific documentation and validation.
CO3: Awareness on Biopyracy, IPR and Bioprospecting

Syllabus

Unit – 1: Introduction to Ethnobotany
History and Development of Ethnobotany; Nature and Scope of Ethnobotany; Interdisciplinary and multidisciplinary nature of Ethnobotany; branches and relations with other disciplines; Characteristics of Ethnobotany; Ethnobiology and Ethnobotany; anthropological and linguistic approaches. Indigenous and Traditional Knowledge, Ethnobotany in India and Karntaka State

Unit – 2: People and Plants
Interactions between people and plants; contributions to the study and documentation of indigenous knowledge on plants, their cultural uses and approaches to ecosystem and biodiversity management as well as its role in conservation and community development works; indigenous knowledge systems, practices, and technologies relating to biological elements and processes.

Unit – 3: Methods and modern approaches in Ethnobotany
Ethnobotanical field works and related techniques; scientific methodology; quantitative Ethnobotany and methods, Applied ethnobotany; scientific validation of ethnobotanical knowledge, bio-piracy and role Intellectual Property Rights (IPR).

Unit – 4: Ethnobotany for Human Welfare
Exposition to the modern scientific discipline and its relevance to the pressing issues of the environment, food security, biodiversity and traditional biological/ecological knowledge domains and livelihood systems of indigenous societies.
**Evaluation Pattern:**

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<tr>
<th>Assessment</th>
<th>Internal</th>
<th>External</th>
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<tr>
<td>Mid-Term Examination</td>
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<tr>
<td>Continuous Assessment (CA)*</td>
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<tr>
<td>End Semester Examination</td>
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<td><strong>Total</strong></td>
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<td><strong>40</strong></td>
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*CA - Can be Quizzes, Assignments, Projects, and Reports.

**Further Reading**


**References**


