**KARIM CITY COLLEGE, JAMSHEDPUR**

**DEPARTMENT OF BOTANY**

**SYLLABUS DISTRIBUTION**

**AS PER FYUGP, NEP -2022**

**MINOR –II SESSION (2022-2026) CREDIT-04 THEORY-03 PRACTICAL-ETHENOBOTANY**

**MINOR PAPER -02A**

**Course outcomes: - On completion of this course, the students will be able to:**

1. Conceptualize etheno botany as an interdisciplinary science

2. Restate the established methodology of ethno botany studies

3. Categories various indigenous ethnic groups and their environmental practices.

4. Understand the legalities associated with ethno botany.

**FULL MARKS-60 TIME: 3HRS. 12 LECTURES.**

**DR.AFTAB ALAM KHAN:**

**Unit I:** Ethno botany Introduction, concept, scope and objectives; Ethno botany as an

Interdisciplinary science. The relevance of ethno botany in the present context; Major

and minor ethnic groups or Tribals of India, and their life styles. Plants used by the

Tribals: a) Food plants b) intoxicants and beverages c) Resins and oils and

Miscellaneous uses.

**Unit II: Methodology of Ethno botanical Studies**

a) Field work

b) Herbarium

c) Ancient Literature

d) Archaeological findings

e) Temples and sacred places.

**DR.SHARMILA CHAKERBORTY:**

**UNIT- II HERBARIUM**

**Unit III: Role of Ethno botany in Modern Medicine.**

Medico-ethno botanical sources in India; Significance of the following plants in ethno

botanical practices (along with their habitat and morphology).

a) Azadirachta indica

b) Ocimum sanctum

c) Vitex negundo

d) Gloriosa superba

e) Pongamia pinnata

f) Cassia auriculata

g) Adathoda Basaca

Unit IV: 8 lectures

Ethno botany and Legal Aspects Ethno botany as a tool to protect interests of ethnic

groups. Sharing of wealth concept with few examples from India. Bio piracy,

Intellectual Property Rights and Traditional Knowledge