

Devi Ahilya Vishwavidyalaya Indore (M.P.)

Department of Higher Education, Govt. of M.P.

Post Graduate Semester wise Syllabus

As recommended and Approved by Board of Studies D.A.V.V.

उच्च शिक्षा विभाग, म.प्र. शासन

स्नातकोत्तर कक्षाओं के लिये सेमेस्टर अनुसार पाठ्यक्रम

अध्ययन मण्डल देवी अहिल्या विश्वविद्यालय द्वारा अनुशंसित तथा अनुमोदित

Session (सत्र).

2020-21

M. Sc. Botany (Semester System)

Fourth Semester ~~2017-18~~ 2020-21

Course PG 404: ETHNOBOTANY (Elective Paper II) 85+ 15

- UNIT I:** Definition, Concept, relevance and Scope of Ethnobotany. Sub disciplines of Ethnobotany. Indian work of Ethnobotany. Relation between Economic botany and Ethnobotany.
- UNIT II:** Sources of Data and methods of study of Ethnobotany. The origin and utility of some vernacular plant names. Sacred groves- Concept, classification, distributions of sacred groves in India, threats to sacred groves and significance. Plants in Mythology.
- UNIT III:** Wild edible plants used by ethnic people. Ethnoreligious plants used by tribals. Ethnobotany and its role in conservation of native plant genetic resources. Ethnobotanical plants used in different veterinary disease.
- UNIT IV:** Ethnobotanical importance of *Butea monosperma*, *Madhuca indica*, *Azadiracta Indica*. Ethnobotanical importance – *Buchnanian lanzan*, *Diospyros melanoxylon*, *Nyctanthes arbortristis*. Ethnobotanical plants used in fish poisoning, musical instruments. Totem and Taboos and their role in Conservation.
- UNIT V:** Study of common Ethnobotanical plants and their parts used in the treatment fever cough, bronchial asthma, tuberculosis, skin disease, leukoderma, expulsion of worm and leprosy. Study of common ethnomedicinal plants used in dysentery, digestive problem, abdominal disorder, jaundice, piles, rheumatism, bone fracture, heart disease and urino-genital problem.

PRACTICALS:

Laboratory exercises corresponding to theory courses covering:

20099

06-3-19