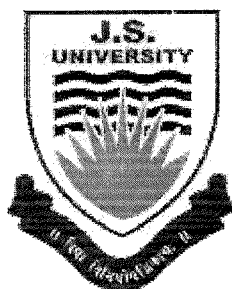


J.S. University, Shikohabad

Established by UP Govt. Act No. 07 of 2015

Recognized by U.G.C. under section 2 (f) of Act-1956



Value added course

Certificate Course in Herbal Science

Course code –VAC-145

2021-22

Faculty of Science



J.S. University, Shikohabad
Faculty of Science

Value added course
2021-22

Certificate Course in Herbal Science

Learning Objectives–

- Be able to identify medicinal plants (family/genus -level).
- identify by name and understand the effects of plant chemical constituents on humans
- Be able to find reliable information about medicinal plants and herbal supplements at the library or on the internet.
- Demonstrate understanding of the importance of medicinal plants among different cultures through clear, logical writing.
- Demonstrate how different cultures approach plant use in different ways and how plants and people interact.
- apply basic ethno botanical techniques to the study of a specific cultural use of medicinal plants

Duration – 30 hrs

Course Outcome- After completion of the course the student shall be able -

- To know the Historical background , present status, scope of herbal science
- To gain knowledge about Ayurveda , siddha , unani , Homeopathy medicines
- To identify the plants with medicinal importance
- To understand the Herbarium techniques, and importance of Herbal garden
- To learn about biodiversity conservation with special reference to ex-situ and in-situ
- To have practical knowledge of locally available medicinal plants.

Syllabus Outline


Module- I

1. Historical background , present status , scope of herbal science
2. indigenous medical system bio prospecting knowledge systems - Ayurveda , siddha , unani , Homeopathy medicines
3. Need to preserve Knowledge systems.

Module- II

1. Meaning & scope of Aromatherapy, cosmetology and flower essence therapy.
2. Plant identification – elementary knowledge of binomial nomenclature, outline of Bentham and Hooker classification
3. Herbarium techniques, Herbal garden, use of flora and keys for plant identification.

Module-II

	<p align="center">J.S. University, Shikohabad Faculty of Science</p>	<p align="center">Value added course 2021-22</p>
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1. Taxonomic structure and general outline classification of major groups of plants as algae, fungi, bryophytes, pteridophytes, gymnosperms and their medicinal uses.

Module-IV


1. Herbal Endangered Plants – Efforts and initiatives to conserve biodiversity with particular reference to conservation of flora
2. Unexploited plants of potential economic value with special reference to U.P.
3. Strategies for conservation in situ and ex- situ, Red data book and green data book.

Module-V (Practical)

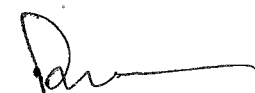
1. Identification of locally available medicinal plants
2. Preparation of herbarium sheets of medicinal Plants

Suggested Books & References–

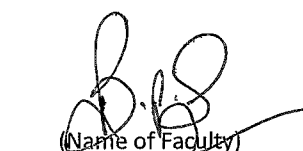
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(Name of Faculty)
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Chaudhary


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Dean Academics

Dr. Akhilesh


(Name of Faculty)
Director/Principal/Dean of
Faculty/Department

Dr. B. P. S.
Chauhan