

**Questionnaire for Curriculum Implementation and Enrichment**

1. Subject: BOTANY
2. Paper: I YEAR : SEM-I PAPER-I AND SEM-II PAPER-II
3. Year of Revision: 2019-20
4. List out the most important changes in the revised curriculum, if any:

**Title of the Paper: SEM-I;PAPER-I:- MICROBIAL DIVERSITY OF LOWER PLANTS**

**Title of the Paper: SEM-II;PAPER-II:- GYMNO SPERMS,TAXONOMY OF ANGIOSPERMS AND ECOLOGY**

**SEM-I;PAPER-I :** Unit IV- is added in the revised syllabus to be implemented from the year 2019-20

1. The topics added are Bryophytes, Pteridophytes their life cycle, systematic position, and type study.
2. Stellar evolution ,heterospory and seed habit in Pteridophytes

**SEM-II;PAPER-II :**Taxonomy of Angiosperms was previously in II year SEM-III and Ecology was in III Year SEM –V ,Paper -V

**5. Mention the positive aspects of the present curriculum, in order of importance:**

1. It Provide knowledge on the structure and reproduction of Bryophyta, Primitive vascular plants
2. It Provide an overview of the distribution of different Species of plants on earth and it's applications
3. It give an insight into evolution of organisms
4. It provide knowledge on comparative studies of stele , sporangia, Gametangia
5. Helps in Study of few fossils forms.
6. The classification of plant kingdom and the bases of classification.
7. To study different families and its special characters, preparation of Herbarium
8. To study the Biodiversity and conservation of Biodiversity. Hot spots of India, threatened and Endangered species.

**6. Identify the gaps, if any, in the present curriculum and the steps that you plan to take to address them:**

Sl. No.	Unit	Gap identified	Step/s to address the Gap
		NIL	

**7. Make a list of areas in the curriculum that require augmentation, and the strategies to do so:**

<b>Sl. No.</b>	<b>Unit</b>	<b>Area that requires Augmentation</b>	<b>Strategy for Augmentation</b>
1	III	More examples to be studied in the Taxonomy	Students are asked to collect different plant species from their native places along with habit, habitat and its important use and medicinal properties if any.  Students are encouraged to do herbarium from the plant species they have collected.
2	IV	Ecological adaptations	Students are encouraged and asked to collect examples from hydrophytes ,xerophytes and mesophytes.

**Signature of the I/C of the Department**