**PG.GOVT COLLEGE FOR GIRLS, SECTOR-42, CHANDIGARH**

**Teaching Plan Session Odd Semester**

**(2018-19)**

**Class**: \* B.Sc. - I (Semester- 1) **Teacher’s** **Name**: Mrs. Anita Mehta

\*\* M.Sc. - I (Semester- 1)

**Subject**: Botany **Period**: \* 5th, \*\* 1st

**Paper**: \* Paper- A **Room** **No**:\*211, \*\*218

\*\* Paper- III

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| **S. No** | **Date From** | | **Date Upto** | **Topics to be covered** |
| Week 1 | **(For ongoing classes)** | | | Admissions |
| July 24, 2018 | | July 28, 2018 |
| Week 2 | July 30, 2018 | August 4, 2018 | | \* Plant Diversity: Introduction, Bacteria: Salient Features.  \*\* Viruses: Nomenclature and classification. |
| Week 3 | August 6, 2018 | August 11, 2018 | | \* Bacteria: Types, Cell structure and economic importance.  \*\* Viruses: Morphology & distribution in Host Plants. |
| Week 4 | August 13, 2018 | August 18, 2018 | | \* Algae: General characters, classification, Systematic position.  \*\* Viruses: distribution and Infection in Host Plants. |
| Week 5 | August 20, 2018 | August 25, 2018 | | \*Cyanophyceae:  General Characteristics.  \*\*Viruses: Infection, Replication & transmission of plant viruses. |
| Week 6 | August 27, 2018 | September 1, 2018 | | \*Cyanophyceae: structure & life history of *Oscillatoria*.  \*\*Eubacteria : Nomenclature, classification. |
| Week 7 | September 3, 2018 | September 8, 2018 | | \* Algae: General characters of Chlorophyceae.  \*\*Eubacteria : structure, reproduction & nutrition |
| Week 8 | September 10, 2018 | September 15, 2018 | | \*Chlorophyceae: Structure and life history of *Volvox*.  \*\*Economic Importance of Eubacteria. |
| Week 9 | September 17, 2018 | September 22, 2018 | | \*Chlorophyceae: Structure and life history of *Cladophora*.  \*\*General account of Archaebacteria. |
| Week 10 | September 24, 2018 | September 29, 2018 | | \*General characters of Xanthophyceae and life history of *Vaucheria.*  \*\*Brief account of MLO’s; Spiroplasma. |
| Week 11 | October 1, 2018 | October 8, 2018 | | \*General characters of Phaeophyceae structure and life history of *Dictyota*.  \*\*Brief history of Viroids, Mycoviruses. |
| **MID SEMESTER EXAMINATION (October 11, 2018 to October 17, 2018)** | | | | |
| Week 12 | October 20, 2018 | October 27, 2018 | | \*General characters of Rhodophyceae Structure and life history of *Batrachospermum* . Economic importance of Algae.  \*\*Mycorrhiza: Introduction and types of mycorrhizae. |
| Week 13 | October 29, 2018 | November 3, 2018 | | \*Fungi: General characters, systematic position, structures, life history of *Albugo.*  \*\* Ectomycorrhizae and Endomycorrhizae. |
| Week 14 | November 5, 2018 | November 10, 2018 | | \*Fungi: structure and life history of *Rhizopus* and *Saccharomyces*.  \*\* Important of Mycorrhizae in plant growth and agriculture. |
| Week 15 | November 12, 2018 | November 17, 2018 | | \*Fungi: structure and life history of *Agaricus* and *Ustilago.*  \*\*Heterokaryosis. |
| Week 16 | November 19, 2018 | November 22, 2018 | | \*Fungi: structure and life history of  *Puccinia* and *Colletotrichum.*  \*\*Parasexuality. |
| Week 17 | November 26, 2018 | December 1, 2018 | | \*General account of Lichens and their economic importance.  \*\* Revision. |

ANITA MEHTA