**Post Graduate Govt. College for Girls, Sector-42, Chandigarh**

**Teaching Plan (Even Semester) Session (2019-2020)**

**Class:** B.Sc. I, M.Sc. I, M.Sc. II  **Name of the Teacher:** Mrs. Anita Mehta

**Subject:** Plant diversity-II, Pteridophytes **Period:** B.Sc. I - 3rd (1,2,3 day),

Plant Resource, Utilization and Conservation. M.Sc. I- 1st (1,3) and M.Sc.II- 5th (1 day)

**Paper:** Paper A, P-VI, P-XIX **Room No:** 218, 211

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| **S. No** | **Dates** | **Topics to be Covered** |
| Week 1 | 09-01-2020 to 11-01-2020 | ---------------- |
| Week 2 | 13-01-2020 to 18-01-2020 | B.Sc. I- Bryophytes: General characteristics  M.Sc. I-Pteridophytes: General characteristics and emerging concepts  M.Sc. II- Origin of agriculture |
| Week 3 | 20-01-2020 to 25-01-2020 | B.Sc. I- Bryophytes: similarities and differences between thallophyta and bryophyte  M.Sc. I-Pteridophytes: Classification of pteridophytes  M.Sc. II- World centre of primary diversity |
| Week 4 | 27-01-2020 to 01-02-2020 | B.Sc. I- Bryophytes: similarities and differences between pteridophyta and bryophyte  M.Sc. I-Geological Time Table: Fossils- their types, formation and methods of study of fossils.  M.Sc. II- The Indo Burmese Centre |
| Week 5 | 03-02-2020 to 08-02-2020 | B.Sc. I- Bryophytes: Systematic position and Structure of *Marchantia*  M.Sc. I-Calculation of age of rock/ fossils; Distribution, habitat, morphology, anatomy and life cycles ofPsilopsida.  M.Sc. II- Plant introduction & secondary centres |
| Week 6 | 10-02-2020 to 15-02-2020 | B.Sc. I- Bryophytes: reproduction and life cycle of *Marchantia*and Systematic position and Structure of *Riccia*  M.Sc. I-Psilopsida: Distribution, habitat, morphology, anatomy and life cycles of Rhyniales.  M.Sc. II- Origin, distribution, types, botany, cultivation, harvesting, and uses of1. Wheat |
| Week 7 | 17-02-2020 to 22-02-2020 | B.Sc. I- Bryophytes: reproduction and life cycle of *Riccia* and Systematic position and Structure of *Anthoceros*  M.Sc. I-Psilopsida: Distribution, habitat, morphology, anatomy and life cycles of Trimerophytales.  M.Sc. II- Wheat cont. |
| Week 8 | 24-02-2020 to 29-02-2020 | B.Sc. I- Bryophytes: reproduction and life cycle of *Anthoceros* and Systematic position and Structure of *Funaria*  M.Sc. I-Psilopsida: Distribution, habitat, morphology, anatomy and life cycles of Zosterophyllales.  M.Sc. II- Rice |
| Week 9 | 29-02-2020 Onwards | On Retirement |