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

**Teaching Plan Even Semester**

**Session (2018-19)**

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

**Subject: Plant diversity-II, Pteridophytes Period : 5th(B.Sc. I), 1st and 4th (M.Sc. I)**

**Paper : A,VI Room No : 218, 211**

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| **S. No** | **Dates** | **Topics to be covered** |
| Week 1 | 14 /01/2019 – 19/01/2019 | B.Sc. I- Bryophytes: General characteristics  M.Sc. I-Pteridophytes: General characteristics and emerging concepts |
| Week 2 | 21/01/2019 –  25/01/2019 | B.Sc. I- Bryophytes: similarities and differences between thallophyta and bryophytes  M.Sc. I-Pteridophytes: Classification of pteridophytes. |
| Week 3 | 28/01/2019 –  2/02/2019 | B.Sc. I- Bryophytes: similarities and differences between pteridophytes and bryophytes  M.Sc. I-Geological Time Table: Fossils- their types, formation and methods of study of fossils. |
| Week 4 | 4/02/2019 –  9/02/2019 | 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. |
| Week 5 | 11/02/2019 –  16/02/2019 | 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. |
| Week 6 | 18/02/2019 –  23/02/2019 | 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. |
| Week 7 | 25/02/2019 –  02/03/2019 | 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. |
| Mid Semester Exam | | |
| Week 8 | 11/03/2019 –  16/03/2019 | B.Sc. I- Bryophytes: reproduction and life cycle of *Funaria* and General characteristics of Pteriodophytes  M.Sc. I-Psilotopsida : Distribution, habitat, morphology, anatomy and life cycles of Psilotales. |
| Week 9 | 18 /03/2019 –  22/03/2019 | B.Sc. I- Pteridophytes: Systematic position, structure, reproduction and life cycle of *Rhynia*  M.Sc. I-Lycopsida: Distribution, habitat, morphology, anatomy and life cycles of Protolepidodendrales |
| Week 10 | 25/03/2019 –  30/03/2019 | B.Sc. I- Pteridophytes: Systematic position and structure of *Selaginella*  M.Sc. I-Lycopsida : Distribution, habitat, morphology, anatomy and life cycles of Lycopodiales. |
| Week 11 | 1/04/2019 –  6/04/2019 | B.Sc. I- Pteridophytes: reproduction and life cycle of *Selaginella*  M.Sc. I-Lycopsida : Distribution, habitat, morphology, anatomy and life cycles of Lepidodendrales |
| Week 12 | 8/04/2019 –  12/04/2019 | B.Sc. I- Pteridophytes: Systematic position and structure of *Equisetum*  M.Sc. I-Lycopsida : Distribution, habitat, morphology, anatomy and life cycles of Isoetales. |
| Week 13 | 15/04/2019 –  20/04/2019 | B.Sc. I- Pteridophytes: reproduction and life cycle of *Equisetum*  M.Sc. I-Lycopsida : Distribution, habitat, morphology, anatomy and life cycles of Selaginellales |
| Week 14 | 22/04/2019 –  27/04/2019 | B.Sc. I- Pteridophytes: Systematic position and structure of *Pteris*  M.Sc. I-Sphenopsida: Distribution, habitat, morphology, anatomy and life cycles of Hyeniales and Sphenophyllales. |
| Week 15 | 29 /04/2019 –  3/05/2019 | B.Sc. I- Pteridophytes: reproduction and life cycle of *Pteris*  M.Sc. I-Sphenopsida: Distribution, habitat, morphology, anatomy and life cycles of Calamitales and Equisetales. |