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

**Teaching Plan Session Even Semester**

**(2017-18)**

**Class: B.Sc. I(Sec-B), M.Sc. I Name of the Teacher: Deepika**

**Subject: Plant Diversity-II, PteridophytesPeriod: 5th(B.Sc.I), 3rd (M.Sc. I)**

**Paper: A, VI Room No: 222(B.Sc. I), 211(M.Sc. I)**

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| **S. No** | **Date From** | **Date Upto** | | **Topics to be covered** |
| Week 1 | Jan 08, 2018 | Jan 13, 2018 | | B.Sc. I-Bryophytes: General characteristics  M.Sc. I-Pteropsida: Distribution, habitat, morphology, anatomy and life cycles of Cladoxylales. |
| Week 2 | Jan 15, 2018 | Jan 20, 2018 | | B.Sc. I-Bryophytes: similarities and differences between thallophyta and bryophyte  M.Sc. I- Pteropsida: Distribution, habitat, morphology, anatomy and life cycles of Coenopteridales. |
| Week 3 | Jan 22, 2018 | Jan 27, 2018 | | B.Sc. I-Bryophytes: similarities and differences between pteridophyta and bryophyte.  M.Sc. I- Pteropsida: Distribution, habitat, morphology, anatomy and life cycles of Marattiales. |
| Week 4 | Jan 29, 2018 | Feb 3, 2018 | | B.Sc. I-Bryophytes: Systematic position and Structure of *Marchantia*  M.Sc. I- Pteropsida: Distribution, habitat, morphology, anatomy and life cycles of Ophioglossales. |
| Week 5 | Feb 5, 2018 | Feb 10, 2018 | | B.Sc. I-Bryophytes: reproduction and life cycle of *Marchantia*and Systematic position and Structure of *Riccia*  M.Sc. I- Pteropsida: Distribution, habitat, morphology, anatomy and life cycles of Osmundales. |
| Week 6 | Feb 12, 2018 | Feb 17, 2018 | | B.Sc. I-Bryophytes: reproduction and life cycle of *Riccia* and Systematic position and Structure of *Anthoceros*  M.Sc. I- Pteropsida: Distribution, habitat, morphology, anatomy and life cycles of Marsileales. |
| Week 7 | Feb 19, 2018 | Feb 24, 2018 | | B.Sc. I-Bryophytes: reproduction and life cycle of *Anthoceros* and Systematic position and Structure of *Funaria*  M.Sc. I- Pteropsida: Distribution, habitat, morphology, anatomy and life cycles of Salviniales. |
| Week 8 | Feb 26, 2018 | Mar 03 , 2018 | | B.Sc. I-Bryophytes: reproduction and life cycle of *Funaria* and General characteristics of Pteriodophytes.  M.Sc. I- Pteropsida: Distribution, habitat, morphology, anatomy and life cycles of Filicales. |
| **2nd week March (Mid Semester Exam)** | | | | |
| Week 9 | March 12, 2018 | | March 17, 2018 | B.Sc. I-Pteridophytes: Systematic position, structure, reproduction and life cycle of *Rhynia.*  M.Sc. I- Pteropsida: Distribution, habitat, morphology, anatomy and life cycles of Marsileales (revision). |
| Week 10 | March 19 , 2018 | | March 24, 2018 | B.Sc. I-Pteridophytes: Systematic position and structure of *Selaginella*  M.Sc. I- Apogamy and apospory in pteridophytes. |
| Week 11 | March 26, 2018 | | March 31, 2018 | B.Sc. I-Pteridophytes: reproduction and life cycle of *Selaginella*  M.Sc. I- Reproductive biology of ferns |
| Week 12 | April 02, 2018 | | April 07, 2018 | B.Sc. I-Pteridophytes: Systematic position and structure of *Equisetum*  M.Sc. I- Heterospory and its significance in Pteridophytes |
| Week 13 | April 09, 2018 | | April 14 , 2018 | B.Sc. I-Pteridophytes: reproduction and life cycle of *Equisetum*  M.Sc. I- Cytological evolution and species concepts. |
| Week 14 | April 16, 2018 | | April 21, 2018 | B.Sc. I-Pteridophytes: Systematic position and structure of *Pteris.*  M.Sc. I- Cytological evolutionary role of polyploidy in the evolution of pteridophytes. |
| Week 15 | April 23, 2018 | | April 28, 2018 | B.Sc. I-Pteridophytes: reproduction and life cycle of *Pteris*  M.Sc. I- Economic Importance of Pteridophytes. |
| Week 16 | April 30, 2018 | | May 05, 2018 | B.Sc. I-Revision of Bryophytes and Pteridophytes.  M.Sc. I- Revision |