P.G. GOVT COLLEGE FOR GIRLS, SECTOR- 42, CHANDIGARH

Teaching Plan Session Even semester (2017-18)

Class: B.Sc. 2nd Year Botany (IV Semester) Name of the Teacher: Mrs Deepa Sood & Ms ‘Deepali’ Sharma

Subject: Diversity of seed plants & their systematics Period: (1st)

Structure, Development and reproduction in flowering plants

Paper: Paper A & Paper B Room No: 222,218

|  |  |  |  |
| --- | --- | --- | --- |
| **S.No.** | **Date From** | **Date Upto** | **Topics to be covered** |
| Week 1 | Jan 15,2018 | Jan 20,2018 | General characters of angiosperms  Tissue system |
| Week 2 | Jan 22,2018 | Jan 27,2018 | Plant nomenclature & ICBN  Simple & complex tissues and it’s types |
| Week 3 | Jan 29,2018 | Feb 03,2018 | Common names, scientific names, principles and objectives of plant taxonomy  Internal structure of dicot stem |
| Week 4 | Feb 5,2018 | Feb 10,2018 | Bentham and Hooker’s system of classification merits & demerits,  Internal structure of monocot stem |
| Week 5 | Feb 12,2018 | Feb 17,2018 | General account & diagnostic features of following families- liliaceae  Anomalous structure in Boerhaavia, Nyctanthes |
| Week 6 | Feb 19,2018 | Feb 24,2018 | Features of families – Ranunculaceae,  Anomalous stem structure in Mirabilis and dracaena |
| Week 7 | Feb 26,2018 | Feb 28,2018 | General feature of families – Rutaceae  Various methods of vegetative propagation, Feature of family Fabaceae  Micropropagation |

First Week March (Mid Semester Exam)

|  |  |  |  |
| --- | --- | --- | --- |
| Week 8 | March 9,2018 | March 11,2018 | Feature of families – Umbelliferae  Types of pollination its merits & demerits |
| Week 9 | March 13,2018 | March 18,2018 | General features of family – Compositae  Cross pollination, self pollination |
| Week 10 | March 20,2018 | March 25,2018 | General feature of family – Asclepiadaceae  Various Agencies to bring about cross pollination |
| Week 11 | March 27,2018 | April 1,2018 | General feature of family – Solanaceae  Seed formation |
| Week 12 | April 3,2018 | April 8,2018 | General feature of family – Labiatae  Development of endosperm |
| Week 13 | April 10,2018 | April 15,2018 | General feature of family – chenopodiaceae  Embryo & seed development |
| Week 14 | April 17,2018 | April 22,2018 | Family - Brassicaceae  Significance of seed |
| Week 15 | April 24,2018 | April 29,2018 | Family - Gramineae  Suspended animation |
| Week 16 | April 30,2018 | May 6,2018 | Family - Malvaceae  Ecological adaptation & dispersal strategies |