**WEEK WISE LESSON PLAN, Even Semester 2022**

Name of the Assistant Professor: **Dr. RAVINDER KAUR**

Class and Section: **B. Sc. MEDICAL, IVthSemester,** Subject: **BOTANY**

Paper- Biology and diversity of seed plants-II

**Week wise Lesson Plan for the month April, 2022**

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| **Week** | **Topics** |
| **3** | Taxonomy and Systematics, Fundamental components of taxonomy (identification, classification, description, nomenclature and phylogeny) |
| **4** | Role of chemotaxonomy, cytotaxonomy and taximetrics in relation to taxonomy |

**Week wise Lesson Plan for the month May, 2022**

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| **Week** | **Topics** |
| **1** | Botanical nomenclature, Principles and rules, Principle of priority |
| **2** | Type concept, taxonomic ranks, Keys to identification of plants |
| **3** | Bentham & Hooker System of Classification |
| **4** | Engler and Prantl System of Classification |

**Week wise Lesson Plan for the month June, 2022**

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| **Week** | **Topics** |
| **1** | Flower and Inflorescence types- Raceme, Cymose and Special types |
| **2** | Diagnostic features and Economic importance of Families: Ranunculaceae, Brassicaceae, Malvaceae |
| **3** | Euphorbiaceae, Leguminosae |
| **4** | Rutaceae, Apiaceae, Asclepiadaceae |

**Week wise Lesson Plan for the month July, 2022**

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| **Week** | **Topics** |
| **1** | Lamiaceae, Solanaceae, Asteraceae, Liliaceae, Poaceae |
| **2** | Revision of the whole syllabus* Through audio-visual practice
* Diagram practice, Group discussion
* Seminars and power point presentations
* Oral and written tests
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