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| Sr. no. | Week | Date | topic |
| 1 | 1st | 31-01-2024 to 03-02-2024 | Taxonomy and Systematics, |
| 2 | 2nd | 05-02-2024 to 10-02-2024 | fundamental components of taxonomy (identification, classification, description, nomenclature and phylogeny). |
| 3 | 3rd | 12-02-2024 to 17-02-2024 | Role of chemotaxonomy, cytotaxonomy and taximetrics in relation to taxonomy. |
| 4 | 4th | 19-02-2023 to 24-02-2024 | Botanical Nomenclature, principles and rules, principle of priority. |
| 5 | 5th | 26-02-2024 t0 02-03-2024 | Type concept, taxonomic ranks. Keys to identification of plant |
| 6 | 6th | 04-03-2024 to 09-03-2024 | Flower and Types of Inflorescence. |
| 7 | 7th | 11-03-2024 to 16-03--2024 | Salient features of the systems of classification of angiosperms proposed by Bentham & Hooker and Engler & Prantl. |
| 8 | 8th | 18-03-2024 to 22-03-2024 | Diversity of Flowering Plants: Diagnostic features and economic importance of the following families: Ranunculaceae, Brassicaceae, Malvaceae, |
|  |  | 23-03-2024 TO 27-03-2024 |  |
| 9 | 9th | 28-03-2024 to 30-03-2024 | Euphorbiaceae, Rutaceae, Leguminosae, Apiaceae, Asclepiadaceae, |
| 10 | 10th | 01-04-2024 to 06-04-2024 | , Lamiaceae, Solanaceae, Asteraceae, Liliaceae and Poaceae |
| 11 | 11th | 08-04-2024 to 13-04-2024 | Flower-a modified shoot; functions of various floral parts. Microsporangium, its wall and dehiscence mechanism. Microsporogenesis, pollen grains and its structure (pollen wall). |
| 12 | 12th | 15-04-2024 to 20-04-2024 | Pollen-pistil interaction; self incompatibility. Pollination (types and agencies); pollen germination (microgametogenesis). Male garnetophyte. |
| 13 | 13th | 22-04-2024 to 27-04-2024 | Structure of Megasporangium (ovule), its curvatures; Megasporogenesis and Megagametogenesis. Female gametophyte (mono-, bi- and Tetrasporic). Double fertilization. |
| 14 | 14th | 29-04-2024to 04-05-2024 | Endosperm types and its biological importance. Embryogenesis in Dicot and Monocot; polyembryony |
| 15 | 15th | 06-05-2024 to 11-05-2024 | Structure of Dicot and Monocot seed. Fruit types; dispersal mechanisms in fruits and seeds |
| 16 | 16th | 13-05-2024 to 15-05-2024 | revision |