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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 | University vacations |
| 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 | Introduction to Ecology: Definition; scope and importance; levels of organization. Environment: Introduction; environmental factors- climatic (water, humidity, wind, light, temperature) |
| 12 | 12th | 15-04-2024 to 20-04-2024 | edaphic (soil profile, physico-chemical properties), topographic and biotic factors (species interaction,Adaptations of plants to water stress and salinity (morphological and anatomical features of hydrophytes, xerophytes and halophytes). Population Ecology: Basic concept; characteristics; biotic potential, growth curves; ecotypes and ecads |
| 13 | 13th | 22-04-2024 to 27-04-2024 | Community Ecology: Concepts; characteristics (qualitative and quantitative-analytical and synthetic); methods of analysis; ecological succession. Ecosystem: Structure (components) and functions (trophic levels, food chains, food webs, ecological pyramids and energy flow) |
| 14 | 14th | 29-04-2024to 04-05-2024 | Biogeochemical Cycles: carbon and nitrogen; hydrological (water) cycle. Phyto-geography: Phyto-geographical regions of India; vegetation types of India (forests |
| 15 | 15th | 06-05-2024 to 11-05-2024 | Environmental Pollution: Sources, types and control of air and water pollution, Global Change: Greenhouse effect and greenhouse gases; impacts of global warming; carbon trading |
| 16 | 16th | 13-05-2024 to 15-05-2024 | revision |

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