Lesson Plan even semester

Paper biology and diversity of seed plants

**Class** bsc 2 year sem iv

Teacher name: **Dr. Meenu Rathi**

April 2021

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| Taxonomy and Systematics, fundamental components of taxonomy (identification, classification, description, nomenclature and phylogeny). Role of chemotaxonomy, cytotaxonomy and taximetrics in relation to taxonomy. Botanical Nomenclature, principles and rules, principle of priority |

May 2021

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| Type concept, taxonomic ranks. Keys to identification of plants. Flower and Types of Inflorescence. |

June 2021

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| Salient features of the systems of classification of angiosperms proposed by Bentham & Hooker and Engler & Prantl. Diversity of Flowering Plants: Diagnostic features and economic importance of the following families: Ranunculaceae, Brassicaceae, Malvaceae, E |

July 2021

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| Malvaceae, Euphorbiaceae, Rutaceae, Leguminosae, Apiaceae, Asclepiadaceae, Lamiaceae, Solanaceae, Asteraceae, Liliaceae and Poaceae. |