Lesson Plan even semester

Plant embryology

**Class** bsc 2 year sem iv

Teacher name: **Dr. Meenu Rathi**

April 2021

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| Flower-a modified shoot; functions of various floral parts. Microsporangium, its wall and dehiscence mechanism. Microsporogenesis, pollen grains and its structure (pollen wall). |

May 2021

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| Pollen-pistil interaction; self incompatibility. Pollination (types and agencies); pollen germination (microgametogenesis). Male garnetophyte. |

June 2021

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| Structure of Megasporangium (ovule), its curvatures; Megasporogenesis and Megagametogenesis. Female gametophyte (mono-, bi- and Tetrasporic). Double fertilization. Endosperm types and its biological importance |

July 2021

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| Embryogenesis in Dicot and Monocot; polyembryony. Structure of Dicot and Monocot seed. Fruit types; dispersal mechanisms in fruits and seeds. |