

Lesson Plan

Name of the Assistant professor: Jyotsana

Class and Section: B.Sc. (Medical) 2nd year (4th semester)

Subject: Botany

Lesson Plan: 14 weeks of (Lesson Plan Format lesson: 21 Feb to 15 May
(2022-23))

Week 1, Day 1-6, (20 Feb - 25 Feb)

Study the Angiospermic family

- Ranunculaceae,
- Brassicaceae,
- Malvaceae
- Rutaceae

Week 2, Day 1-6, (27 Feb - 28 Feb)

Study the Angiospermic family

- Leguminosae
- Cucurbitaceae
- Apiaceae
- Asteraceae

Week 3, Day 1-6, (01 March to 04 March)

Study the Angiospermic family

- Euphorbiaceae,
- Asclepiadaceae
- Lamiaceae
- Solanaceae

Week 4, Day 1-6, (06 March to 11 March)

Study the Angiospermic family

- Liliaceae
- Poaceae

Study the anatomy of Angiospermic family

- T.S. Dicot stem

Week 5, Day 1-6, (12 to 18 March)

Study the anatomy of Angiospermic family

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- T.S. Monocot stem

Week 5, Day 1-6, (20-25 March)

Study the anatomy of Angiospermic family

- T.S. Dicot root and monocot root

Week 6, Day 1-6, (27-31 March)

Study the anatomy of Angiospermic family

- T.S. Dracaena stem
- T.S. Boerhaavia stem

Week 7, Day 1-6, (3-8 April)

Study the anatomy of Angiospermic family

- T.S. Achyranthes stem
- Study the embryology of Angiospermic family
- T.S. Young Anthers
 - T.S. Mature Anthers

Week 8, Day 1-6, (10 April to 15 April)

Study the dissected out heart/ globular shaped embryo

Week 9, Day 1-6, (17 April - 19 April)

Study the plant anatomy of cycas

Week 10, Day 1-6 (19 April to 22 April)

- Study the plant anatomy of Pinus

Week 11, Day 1-6, (24-26 April)

- Study the plant anatomy of Ephedra

Week 12, Day 1-6, (26-29 April)

Study the morphology of Angiosperms

- Root and stem modifications

Week 13, Day 1-6 (01-06 May)

- Study the morphology of Leaf and its modifications

Week 14, Day 1-6, (08-13 May)

- Study the morphology of inflorescence

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