

## Lesson Plan

Name of the Assistant professor: Dr. Brahmanand Dahiya

Class and Section: B.Sc. (Medical) 2<sup>st</sup> year (4<sup>nd</sup> semester)

Subject: Botany

Lesson Plan: 17 weeks of (Lesson Plan Format lesson: January 2018 to April 2018)

Week 1, Day 1-6, 1-6 January 2018
Study the Angiospermic family <ul style="list-style-type: none"><li>• Ranunculaceae,</li><li>• Brassicaceae,</li><li>• Malvaceae</li><li>• Rutaceae</li></ul>
Week 2, Day 1-6, 8-13 January 2018
Study the Angiospermic family <ul style="list-style-type: none"><li>• Leguminosae</li><li>• Cucurbitaceae</li><li>• Apiaceae</li><li>• Asteraceae</li></ul>
Week 3, Day 1-6, 15-20 January 2018
Study the Angiospermic family <ul style="list-style-type: none"><li>• Euphorbiaceae,</li><li>• Asclepiadaceae</li><li>• Lamiaceae</li><li>• Solanaceae</li></ul>
Week 4, Day 1-6, 22-27 January 2018
Study the Angiospermic family <ul style="list-style-type: none"><li>• Liliaceae</li><li>• Poaceae</li></ul> Study the anatomy of Angiospermic family <ul style="list-style-type: none"><li>• T.S. Dicot stem</li></ul>
Week 5, Day 1-6, 29 January- 3 February 2018
Study the anatomy of Angiospermic family

<ul style="list-style-type: none"> <li>• T.S. Monocot stem</li> </ul>
<p>Week 5, Day 1-6, 5-10 February 2018</p> <p>Study the anatomy of Angiospermic family</p> <ul style="list-style-type: none"> <li>• T.S. Dicot root and monocot root</li> </ul>
<p>Week 6, Day 1-6, 12-17 February 2018</p> <p>Study the anatomy of Angiospermic family</p> <ul style="list-style-type: none"> <li>• T.S. Dracaena stem</li> <li>• T.S. Boerhaavia stem</li> </ul>
<p>Week 7, Day 1-6, 18-24 February 2018</p> <p>Study the anatomy of Angiospermic family</p> <ul style="list-style-type: none"> <li>• T.S. Achyranthes stem</li> </ul> <p>Study the embryology of Angiospermic family</p> <ul style="list-style-type: none"> <li>• T.S. Young Anthers</li> <li>• T.S. Mature Anthers</li> </ul>
<p>Week 8, Day 1-6, 26 February-3 march 2018</p> <ul style="list-style-type: none"> <li>• Study the dissected out heart/ globular shaped embryo</li> </ul>
<p>Week 9, Day 1-6, 5-10 march 2018</p> <ul style="list-style-type: none"> <li>• Study the plant anatomy of cycas</li> </ul>
<p>Week 10, Day 1-6, 12-17 march 2018</p> <ul style="list-style-type: none"> <li>• Study the plant anatomy of Pinus</li> </ul>
<p>Week 11, Day 1-6, 19-24 march 2018</p> <ul style="list-style-type: none"> <li>• Study the plant anatomy of Ephedra</li> </ul>
<p>Week 12, Day 1-6, 26-31 march 2018</p> <p>Study the morphology of Angiosperms</p> <ul style="list-style-type: none"> <li>• Root and stem modifications</li> </ul>
<p>Week 13, Day 1-6, 2-7 April 2018</p> <ul style="list-style-type: none"> <li>• Study the morphology of Leaf and its modifications</li> </ul>
<p>Week 14, Day 1-6, 9-14 April 2018</p> <ul style="list-style-type: none"> <li>• Study the morphology of inflorescence</li> </ul>
<p>Week 15, Day 1-6, 16-21 April 2018</p> <ul style="list-style-type: none"> <li>• Practice for spot identification</li> </ul>
<p>Week 16, Day 1-6, 23-28 April 2018</p> <ul style="list-style-type: none"> <li>• Practice for spot identification</li> </ul>
<p>Week 17, Day 1-6, 30 April-5 May 2018</p> <ul style="list-style-type: none"> <li>• Practice for spot identification</li> </ul>
<p>Week 18, Day 1-6, 7-12 May 2018</p> <ul style="list-style-type: none"> <li>• Discussion on test</li> </ul>

