

Programme	BS	Course Code	Bot-205L	Credit Hours	1
Course Title	Plant Anatomy and Embryology (Lab)				
Lab Course Contents					
<ul style="list-style-type: none">• Microscopy and interpretation of various parts of light microscope• Study of internal organization of various tissues of monocotyledonous and dicotyledonous stem, root and leaf by cutting of T.S and L.S sections• Study of organization of shoot and root meristem, different primary and secondary tissues from the living and preserved material in macerates and sections, hairs, glands and other secondary structures.• Study of abnormal/unusual secondary growth.• Peel and ground sectioning and maceration of fossil material.• Comparative study of wood structure of Gymnosperms and Angiosperms with the help of prepared slides.					
Teaching Learning Strategies					
<ul style="list-style-type: none">• Lectures• Group Discussion• Laboratory work• Seminar/ Workshop					
Assignments: Types and Number with Calendar					
<ul style="list-style-type: none">• Lecture Based Examination (Objective and Subjective)• Assignments• Class discussion• Quiz• Tests					