

PRAMUKH SWAMI SCIENCE & H.D.PATEL ARTS COLLEGE, KADI
DEPARTMENT OF BOTANY
BOTANY PRACTICAL INDEX
SEMESTER-1

Core Compulsory Course in Botany
PG-BOT-101
(Microbiology and Phycology)

Sr. No.	Name of Experiment	Page No.	Date	Signature
1.	To study viruses using electron micrographs / Models / Charts : TMV.			
2.	To study bacteria using electron micrographs / Models / Charts : Types of bacteria based on Flagella.			
3.	To study cell structure of Chlamydomonas through Chart/permanent slide.			
4.	To study the life history of Nostoc through : (a) Mountings - Thallus structure (b) Reproductive structure (c) Permanent Slides of - Thallus and Reproductive structure (Heterocyst)			

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5.	<p>To study the life history of Oedogonium through :</p> <p>(a) Mountings - Thallus structure</p> <p>(b) Reproductive structure</p> <p>(c) Permanent Slides of - Thallus, Cap cell, Sex organ - oogonium</p>			
6.	<p>To study the life history of Ectocarpus through :</p> <p>(a) Mountings - Thallus structure</p> <p>(b) Reproductive structure</p> <p>(c) Permanent Slides of - Thallus, Unilocular and Plurilocular sporangia</p>			
7.	<p>To study the life history of Batrachospermum through :</p> <p>(a) Mountings - Thallus and</p> <p>(b) Reproductive structure</p> <p>(c) Permanent Slides of - Thallus and cystocarp</p>			