



Academic Session: 2019-2020

Semester: I

Dept. of: Botany

Name of the Teacher: Mousumi Das

Hons. - CC	
Topics allotted	Mode of teaching (Project, lecture etc.)
<p>BOT-A-CC-I-I-TH</p> <p>Phycology</p> <ol style="list-style-type: none">1. General Account:2. Classification:3. Cyanobacteria: 3.1 Ultrastructure of Cell, 3.2 Heterocyst - structure and function, 3.3 Ecology4. Bacillariophyta: 4.1 Cell Structure, 4.2 Cell Division, 4.3 Auxospore formation in Centrales and Pennales5. Life History: 5.1 <i>Chlamydomonas</i>, 5.2 <i>Oedogonium</i>, 5.3 <i>Chara</i>, 5.4 <i>Ectocarpus</i>, 5.5 <i>Polysiphonia</i>, 5.6 Evolutionary Significance of <i>Pochloron</i>. <p>BOT-A-CC-I-I-P</p> <ol style="list-style-type: none">1. Work out: Algae2. Identification with reasons: (Algae)3. Classroom performance (Lab note book, submission, and permanent slides)4. Viva voce <p>Algae</p> <ol style="list-style-type: none">1. Work out o the following Algae with reproductive structures (Free hand drawing and drawing under drawing prism with magnification): <i>Oedogonium</i>, <i>Chara</i>, <i>Ectocarpus</i>.2. Study of (a) Permanent slides: <i>Gloeotrichia</i>, <i>Volvox</i>, <i>Vaucheria</i>, <i>Coleochaete</i>, <i>Polysiphonia</i>, Centric and Pennate Diatom, (b) Macroscopic Specimens : <i>Laminaria</i>, <i>Sargassum</i> .	
DSE	
Topics allotted	Mode of teaching (Project, lecture etc.)
Generic Elective / CC	
Topics allotted	Mode of teaching (Project, lecture etc.)



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BOT-G-CC-2-2-P

Work Out : Microscopic Preparation , Drawing, and Labelling of
Chlamydomonas, *Chara*, *Ectocarpus*, *Rhizopus*, *Ascobolus*.

Laboratory Records: Lab note book (regularly signed), and slides
(prepared in Class), are to be submitted.

At least one local excursion to be conducted to give an idea of plant
diversity, habitat of algae and fungi.

DSE

Topics allotted

Mode of teaching (Project, lecture etc.)

AECC / SEC

Topics allotted

Mode of teaching (Project, lecture etc.)



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Implementation Report:

For SEM I of 2018 2019 session the syllabus was implemented completely.