

2nd BOS Meeting
Venue: Department Botany, Daring College
Date: 20/12/2025 Time: 11am onwards, -

1. Prof. Bhaben Tanti
2. Dr. Surendra Ray
3. Dr. Keetoparna Kakati
4. Dr. Anupam Sharma
5. Munimoni Das
6. Dr. Sanjay Kumar Deka (HOD)
7. Dr. Bilham Borah
8. Dr. Akhil Banuah
9. Dr. Jandakhiram Chutia
10. Prof. Rajashree Borahloti
11. Dr. Dipanjali Devi
12. Dr. Kishore Deka
13. Bhagyashree Goswami
14. Parvati Kandulna
15. Nisha Mohahary

(online)

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 Munu M Das

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Suggestions

1. Dr. Keetoparna Kakati Maham suggested to include techniques for conservation / preservation of xerophytes, aquatic plants in theory paper ~~in~~ as herbarium preparation.

2a) Dr. Surendra Ray suggested to include plant aging, senescence among students as a general discussion under plant stress to develop curiosity among students, not to include in theory paper.

2b) Dr. Surendra Ray -

Inclusion of Safety regarding operations in Unit 2 of Major 3 papers Laboratory & field techniques in Plant Science.

Unit 3 - Basics and titration into Basics of titration.
 Unit 4 - Safety regarding chemicals in solutions & buffers to be included.

Unit 5 - To include microbial world in culture techniques.

Paper (Major 20 - Molecular Genetics & Cell Signalling)
8th semester

Unit 4 as Unit 6

Unit 5 as Unit 4

Unit 6 as Unit 5

Unit 4 - Include cancer cell and regulation of signalling pathways from Unit 5 to unit 4 (Cell signalling I), include second messengers also.

Unit 5 - Change the ~~top~~ heading into cell signalling in bacteria and include two component regulation.

Semester-8

Plant Growth & morphogenesis

Unit 5 - Include totipotency

Semester-9

Practical - student visit to polluted site
2nd paper Practical

⇒ Paper 26 - Microbial diversity into Microbiology
Unit 1 → Add Eubacteria & Archae

Practical 4th paper (Advanced Plant Physiology & Biochemistry)
⇒ Visit to cell biology & Biochemistry laboratory at TU or IIT Guwahati.

Po. Anyam Sannala

- ① Paper Morphology & Anatomy of Angiosperm (Sem 4)

Unit 1 - Delete Plant anatomy.

Add application "of anatomy" in systematics

Unit 6 - Exclude Adornetation & Inconstation

- ② Paper - Microbiology (Major 4) Semester 4

Unit 2 - Add Transmission of zoonotic diseases
(Viral disease)

- ③ Paper - Plant Resource & Economic Botany

Unit 5 - Exclude forest and forest products instead
add Bamboo, cane, spices & medicinal
plants.

Exclude forest types of Assam & their conservation
strategies, community forests and add ~~into~~
their importance of NTEP

Munimori Das

4 semester

(Plant Resource & Economic Botany)

Unit 2 - Add food adulteration ~~is~~
Add Bhoot chilli in Spice

Unit 3 - Add Gonchana Kori in Unit 3.

9 semester

(Applied microbiology)

Practical

Add fermented Rice

(Semester 8)

Dr. Akhil Kumar

Paper - Exploring Cryptogams & Gymnosperms

(1) Add algal flagella and reproduction, thallus, structures and exclude phylogeny and interrelationships among different groups. Post fertilisation stage of Algae.

(2) Unit 2 - Exclude ecological importance in different habitats

(3) Unit 4 - Include evolution of stele

(4) Unit 6 - Exclude Taxale

Dr. Dipanjali Devi

Semester 7 (Research Methodology)

Unit 1 - Exclude understanding the scientific questions, novelty of research in support of existing literature -

Dr. Bidhan Barah

Unit 3 - Exclude ^{and data & validation} ~~MRTA~~ instead include Post-hoc Analysis &

Dr. Dipanjali Devi

Unit 4 - Exclude notes, monographs, popular articles.

Dr. Reetoparna Kakali

Ma'am suggested some points

Paper 6 - Myology & Phytopathology

Disease resistance can be included.

Paper 7 - Microbiology

Microbial metabolism can be added.

Paper 8 - Plant Resources & Economic Botany

IPR - laws & legislation of IPR in India

Paper 14 - Gene mutation can be included

Paper 15 - Unit 2 - Synthetic acids

Paper 17 - Role of remote sensing (RS)
and GIS in biodiversity conservation