

**Department of Botany
Mangaldai College, Mangaldai**

Notice

Date: 17-04-2024

It is for your information that a seminar is organised as per the G.U. Botany Syllabus for B.Sc 6th Semester (HC) & 4th Semester (HC) students at the department on 22-04-2024 (Monday). It is compulsory for all the students to participate in the seminar with their power point presentation.

Date of Seminar: 22-04-2024 (Monday)

Venue: Digital Classroom, Department of Botany

Time: 10.00 AM onwards

Topics with assigned Roll numbers are given below-

B.Sc. 6th Semester (HC)

Sl. No.	Topics	Roll Numbers (US-211-250-)
1	Mechanism of ATP synthesis	0083, 0136
2	Agrobacterium mediated gene transfer	0001, 0091, 0107
3	Screening of microorganisms for industrial application	0042, 0113, 0123
4	Role of microbes in sewage and domestic waste water treatment systems	0037, 0054, 0103
5	Cyclic and non-cyclic photophosphorylation	0035, 0076, 0119
6	Protoplast isolation, culture and fusion	0043, 0089, 0120

B.Sc. 4th Semester (HC)

Sl. No	Topics	Roll numbers (US-221-250-)
1	DNA replication in Prokaryotes	0028, 0080, 0100
2	Pedogenesis	0033, 0108, 0151
3	Hydrological Cycle	0044, 0191, 0195
4	Systematic position, characteristics features affinity and economic importance of the family Solanaceae	0049, 0099, 0170
5	Biotic Interaction in Ecosystem	0083, 0133, 0205
6	Concept and Functions of Plant Systematics	0093, 0102, 0196
7	Vegetation types of NE India with special reference to Assam	0103, 0135, 0193
8	Systems of Plant classification	0159, 0162, 0201, 0256

HoD
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