

Revised

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Date: 03/06/2015



NORTH - EASTERN HILL UNIVERSITY
Headquarter :: Shillong

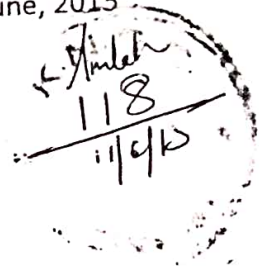
Dated 3rd June, 2015

No. F.3-3/Ex/Con/2015- 438

To,

The Principal,

Kiang Noy Sah Gout. college
Jowai




Subject: Revised Under Graduate Syllabus in BSc.(Botany) under the Semester System.

Sir/Madam,

Please find enclosed a copy of the Revised Under Graduate Syllabus of B.Sc.(Botany) under the Semester System with minor corrections for favour of your information and necessary action.

The earlier version of BSc.(Botany) Syllabus issued vide letter No.F.2-3/Exam/Con/2015-425, dt.23.3.2015 stands withdrawn.


3.6.15
Controller of Examination

Copy to :

1. Dr. S.K. Barik, Chairman, BoS in Botany, NEHU, Shillong for information.



Semester 3

Paper 3: Theory

Angiosperm taxonomy, Economic Botany, Ethnobotany and Phytogeography

Unit 1

1. Major systems of classification – artificial, natural and phylogenetic.
2. Bentham and Hooker's, and Hutchinson's system of classification.
3. I.C.N. – Principles of Botanical Nomenclature, Type method and typification, and Rules and limitations of Priority.
7 methods of Types.

Unit 2

1. Distinguishing features and economic importance of the following dicotyledonous families: Ranunculaceae, Fabaceae, Asteraceae, Solanaceae, Verbenaceae and Lamiaceae.
2. Distinguishing features and economic importance of the following monocotyledonous families: Liliaceae, Zingiberaceae, Orchidaceae and Poaceae.

Unit 3

1. Ethnobotany and its significance; Study of some ethnobotanical plants of north- eastern India having medicinal and food values.
2. Study of economically important plants – cereals, pulses, oil yielding, spices, condiments, fibres, ornamentals and aromatic (scientific names, families, and parts used of at least three plants under each category).
3. Characteristics, cultivation and uses of aromatic and medicinal plants (*Citronella* and *Rauwolfia*).
4. Characteristics, cultivation and uses of timber yielding plants (Teak and Sal).
5. Cultivation and processing of tea and rubber.

Unit 4

1. Floristic regions of India.
2. Continuous and discontinuous plant distribution in India: Factors and theories.
3. Centre of origin of plants (Primary and Secondary centres).
4. Barriers to plant migration.

Paper 3: Practical

Angiosperm taxonomy, Economic Botany, Ethnobotany and Phytogeography

1. Taxonomic studies of angiosperm plants belonging to both dicot and monocot families mentioned in Paper 3. Flower dissection, drawing and description in technical language, and identification upto Genera.
2. Qualitative detection of starch, protein, fat and cellulose in plant materials by chemical tests.
3. Spotting: Economically important plants or plant products prescribed in Paper 3.
4. Techniques for preparation of herbarium sheets of flowering plants and submission of at least 5 herbarium sheets.
5. Study of 5 plants having ethnobotanical importance.
6. One local field trip of botanical relevance.

Recommended Readings

- ✓ Naik, V.N. 2014. Taxonomy of Angiosperms. Tata McGraw Hill Publ. New Delhi.
- ✓ Lawrence, G.H.M. 1951. Taxonomy of Vascular Plants. Macmillan Company, New York.
- ✓ Puri, G.S. 1990. Forest Ecology Volume 1. Oxford IBH, New Delhi.
- ✓ Jain, S.K. 1981. Glimpses of Indian Ethnobotany. Oxford IBH, New Delhi.



BOTANY DEPARTMENT
LAILLUM . (22.12.2021)



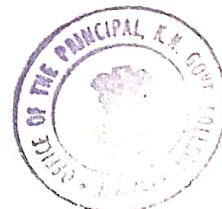
KIANG NANGBAH GOVERNMENT COLLEGE
BOTANY DEPARTMENT

ATTENDANCE FOR THE FIELD TRIP TO LAITLUM

CLASS: BSC 3RD SEM

Date: 22-12-2021

SL NO	UNIV ROLL NO	NAME OF STUDENT	Attendance
1	S2002301	JESSICA DAROIBHA KHONGSTIA	
2	S2002302	TIA CHYRMANG	Present.
3	S2002303	PYNMANLANGKI DKHAR	P
4	S2002304	EDITY PYRNGAP	P
5	S2002305	LALZAPARMOI THIAITE	P
6	S2002306	FAIRYCEFULL DHAR	P
7	S2002307	SMILINGFACE DHAR	P
8	S2002308	IWANMAI POHTAM	P
9	S2002309	MANDAROI LANGIAR	P
10	S2002310	AITILUT LANGSHIANG	P
11	S2002311	PYNJANAILANG SARIANG	P
12	S2002312	REMONSTAR SHYLLA	P
13	S2002313	PYNKMENLANGMIKI LAMARE	P
14	S2002315	RABIA SHYLLA	P
15	S2002316	SATISFY RYNGKLEM	P
16	S2002317	DAIA LANONG	P
17	S2002319	THARTY LAMURONG	P
18	S2002320	JEFFERSON NONGJIED	P
19	S2002321	SOOKI BAREH	P
20	S2002322	SEINI SARI	P
21	S2002323	ELADLANGKI DHAR	P
22	S2002325	RIWANIA I BHOI	P
23	S2002326	IVORY RYNGKHLEM	P
24	S2002328	SHANDAKABIANG SUCHIANG	P
25	S2002329	BALABANROI DHAR	P
26	S2002330	BAITYNNAD LAPASAM	P
27	S2002331	GLOWELCY POHTMI	P
28	S2002345	BAHUNLANG SHYLLA	P
29	S2002346	KERRIDALANG LAPASAM	P
30	S2002347	NISAIN WAR	P
31	S2002348	YOUWANKI SURONG	P
32	S2002349	ANXIOUSLY SYMPLI	P
33	S2002350	MEBANTEI JANAI BANG	P
34	S2002351	NACHWA TONGPER	P

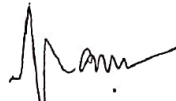



35	S2002352	DERICK BRANDON THUBRU	P
36	S2002353	JAMES ANDERSON THUBRU	P
37	S2002354	YOODARISA SIANGSHAI	P
38	S2002355	KONGKA PAPENG	P
39	S2002356	PLEASANT PHALANGKI	P
40	S2002357	ANJALI PASLIEN	P
41	S2002358	HOPPINGSTONE S MANNAR	P
42	S2002359	NGAITMI SARI	P
43	S2002360	DAKAPAIA POHLENG SHULLAI	ab
44	S2002361	AKMENLANG POHSHNA	P
45	S2002362	OHIWAN PDE	P
46	S2002363	SANJINA BANG	P
47	S2002364	KYRKHUMI IA I SHADAP	P
48	S2002365	CRITIC L PYRTUH	P
49	S2002366	VINCENT LAMARE	P
50	S2002367	SAMBHA SHAPHRANG LAMARE	P
51	S2002453	RIMI OO SYNNAH	P
52	S2002455	DAKINI PASLEIN	P
53	S2002456	PYNBAIT DA O SUSNGI	P
54	S2002458	RIMAYA SANA	P
55	S2002460	ESALAN MI THUBRU	P
56	S2002461	DAKAWANSHWA SHYLLA	P
57	S2002463	IDAIBATISHWA MAWLONG	P
58	S2002464	DANIEL BUONGPUI	P
59	S2002465	BANRILANG PDANG	P
60	S2002466	SHILPA SHYLLA	P
61	S2002467	BERNADINE TALANG	P
62	S2002468	STAYWITHME TONGPER	P
63	S2002469	MANDAKA CHYRMANG	P
64	S2002470	MESANKI PHAWA	P
65	S2002471	RELINGTON KAM	P
66	S2002472	CHEMI DKHAR	P
67	S2002473	MARBOOD TARIANG	P
68	S2002474	PYNSHAISKHEMBHA RYMBUI	P
69	S2002475	RUPAIA SUCHIANG	P
70	S2002476	IWANPYNTNGEN SHYLLA	P
71	S2002477	RIMAIA BAREH	P
72	S2002478	MANDAHAKA KYA	P
73	S2002479	PYNSHNGAINLANG DKHAR	P
74	S2002480	RITA SYMBLAI	P
75	S2002481	SOPHIA WANDAKA LALOO	P
76	S2002482	MERCYFUL HADIA	P
77	S2002483	EIMIDAKA SUCHIAG	P
78	S2002484	JEREMI KASSAR	ab
79	S2002485	EBIANGMIDAKA SYNDAL	P



80	S2002486	ME I BANHUN SHYLLA	P
81	S2002487	JEFFICA PALE	P
82	S2002488	EBHAMIKA PALE	P
83	S2002454	VANLAL ENISA NAMPUI	P
84	S2002462	BASHISHA SHYLLA	P

Escort Teachers :-


Signature of the HOD

- ① Dr (Mrs) B. Gashinga Bho
- ② Smt Jessica Akhar - 
- ③ Shri Laitphangchhuo Ksoo - 