

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Department of Botany has made provision in the structure of the programmes to give students experiential and participative learning experience.

Following are the student centric methods adopted by departments to provide Experiential and Participative Learning experience:

1. Laboratory Practical classes in Science Departments



Image plate1. Students performing experiments in practical classes

2. Organizing of Study tour to various places within and outside the state every year for MSc final semester students



Image plate 2: Study trip to Namdapha National Park, Arunachal Pradesh (2016-2017)



Image Plate 3. Study trip to Tawang, Arunachal Pradesh (2017-2018)



Image plate4. Study trip to Gangtok, Sikkim (2018-2019)



Image plate 4. Study trip to Menchukha, Arunachal Pradesh (2019-2020)

- 3. Conduct of Class Seminars as a part of curriculum (attached)**
- 4. Assigning Field survey and Project as a part of curriculum (attached)**



**DEPARTMENT OF BOTANY
RAJIV GANDHI UNIVERSITY**

RONO HILLS, DOIMUKH PHONE: 0360- 2278511

Tentative Class Time Table for M.Sc. BOTANY-2019
(W.E.F 02.08.2019)

Dated: 30.07.2019

M.Sc. First Semester

days	9:30-10:30	10:30-11:30	11:30-12:30	12:30-1:30	Practical 1:30-4:30
Mon	TR BOT 412	ODN BOT 411BOT	APD 413/414	Recess	RKS/TR BOT 415 Practical I
Tue	ST BOT 411	RKS BOT 412	TR BOT 412		HT/TW BOT 416 Practical II
Wed	HT BOT 413/414	ODN BOT 411	RKS BOT 412		ODN/HE BOT 415 Practical I
Thu	ODN BOT 411	HE BOT 411	TR BOT 412		APD/HT BOT 416 Practical II
Fri	HT BOT 413/414	APD BOT 414	TW BOT 413		Seminar/Tutorial TW

M.Sc. Third Semester

days	9:30-10:30	10:30-11:30	11:30-12:30	1:30-2:30	2:30-3:30	3:30-4:30
	Medicinal & Aromatic Plants BOT 534 C	Biotechniques, Biostatistics & Bioinformatics BOT 533 A	Plant Physiology & Biochemistry BOT 531	Open Elective BOT 535	Mushroom Cultivation BOT 534D	Fruit and Plantation Crops BOT 533 B
Mon	AVS	RKS	HE	ST	TR	ODN
Tue	APD/HT	TW	HE	HT	TR	ST
Wed	APD/HT	TW	AVS	APD	RKS	TW
Thu	HT	GF/RKS	AVS	APD	RKS	TW
Fri	Practical IV BOT 532 AVS			Practical IV BOT 532 HE		

RKS = Prof. Rajiv Kumar Singh

AVS = Dr. AyamVictor Singh

TR= Dr.Tenya Rina

APD = Prof. A. P. Das (Visiting Professor)

ST= Prof. Sumpam Tangjang

ODN = Dr.Oyi Dai Nimasow

TW = Dr. Tonlong Wangpan

HT = Dr. Hui Tag

HE= Dr. Heikham Evelin

Copy to:

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Head

(Dr. Hui Tag)

Rajiv Gandhi University
Department of Botany
Rono Hills, Doimukh (A-1)

DEPARTMENT OF BOTANY

SYLLABUS FOR M.Sc IN BOTANY

(CHOICE BASED CREDIT SYSTEM)

W.e.f. 2015-16



RAJIV GANDHI UNIVERSITY
RONO HILLS::DOIMUKH

Course Structure for CBCS in M.Sc. Botany (w.e.f 2015-2016)

Semester	Course Code	Course Title	Teaching Hours/wk (L:T:P)	Credits	Total Credit
I	BOT- 411	Phycology and Bryophytes	3:1:0	4	22
	BOT- 412	Mycology and Plant Pathology	3:1:0	4	
	BOT- 413	Pteridophytes, Gymnosperms and Palaeobotany	3:1:0	4	
	BOT- 414	Angiosperms	3:1:0	4	
	BOT- 415	Practical I	0:0:6	3	
	BOT- 416	Practical II	0:0:6	3	
II	BOT- 421	General Microbiology	3:1:0	4	22
	BOT- 422	Bioresources Utilization	3:1:0	4	
	BOT- 423	Ecology and Environment	3:1:0	4	
	BOT- 424	Cell Biology and Genetics	3:1:0	4	
	BOT- 425	Practical III	0:0:8	4	
	BOT- 426	Field Report	0:0:4	2	
III	BOT- 531	Plant Physiology and Biochemistry	3:1:0	4	20
	BOT- 532	Practical IV	0:0:8	4	
	BOT- 533	Departmental Elective I	3:1:0	4	
	BOT- 534	Departmental Elective II	3:1:0	4	
	BOT- 535	Open Elective Biodiversity and Sustainable Development ✓	3:1:0	4	
IV	BOT- 541	Molecular Biology	3:1:0	4	24
	BOT- 542	Plant Biotechnology	3:1:0	4	
	BOT- 543	Practical V	0:0:4	2	
	BOT- 544	Departmental Elective III	3:1:0	4	
	BOT- 545	Departmental Elective IV	3:1:0	4	
	BOT- 546	Departmental Elective V: Dissertation	0:0:12	6	
Total Credit					88