

“ Sheel, Sharir, Adhyayan ”
Aundh Shikshan Mandal, Aundh



Raja Shripatrao
Bhagawantrao
Mahavidyalaya, Aundh.
(Satara)

Department of Botany

Curricular Aspects

2021-2022

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Academic Calendar

Raja Shripatrao Bhagwantrao Mahavidyalaya, Aundh

Department of Botany

Academic Calendar (2021-22)



Month	Activity
July	Admission Process
August	Meeting with Principal, Teaching plan, Discussion on Departmental time table, And syllabus distribution, Entry Level test for B.Sc.I Students.
September	Unit test, Selection of slow and advanced learner, Extra coaching for slow learner. Discussion on formation of Students projects, Excursion tour for B.Sc.III students.
October	Seminars and home assignments for internal evaluation of B.Sc.III students, Celebration of Teachers Day, Extra Coaching for Slow and Advanced Learners, Flower arrangement competition.
November	Extra Coaching for Slow and advanced learner, Parents meeting, Revisional test for V semester.
December	Meeting with Principal, Preparation for Semester Exam. Exhibition of medicinal plants for college students.
January	Unit test, field visit- visit to lead botanical garden and visit to nursery
February	Botanical Excursion tour for B.Sc.I and B.Sc.II Students, unit test II for slow learners, Discussion on unit test II.
March	Submission of Home assignments, projects, Seminar subject distribution and arrangement, Celebration of national Science day.
April	Seminar, Discussion on arrangement of practical Examination and university examination.
May	Flower Rangoli and bouquet competition. Principal meeting, next year planning, Preparation of university examination.
June/July	University exam work, Paper Assesment work (Theory).summer vacation


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Department of BOTANY
Department of Botany


PRINCIPAL
Raja Shripatrao Bhagwantrao
Mahavidyalaya, Aundh (Satara)

Departmental Meeting



Raja Shripatrao Bhagwantrao Mahavidyalaya, Aundh

Department of Botany

Notice

Date: 12/08/2021

The faculties of Botany department are requested to attend the meeting on 18/08/2021 in the department at 3.30pm. to discuss some important issues.

Agenda of Meeting


1. To prepare annual plan
2. To prepare academic calendar
3. Syllabus and workload distribution for academic year 2021-22
4. To conduct course in Medicinal and Aromatic Plants
5. Any other important issues

Minutes of the meeting:

1. It is decided to prepare individual annual plan for syllabus completion and other departmental activities.
2. Paper wise/ Unit wise workload was distributed to all faculties
3. Discussion about preparation of academic calendar
4. It was decided to start a course of identification of medicinal plants
5. As there was no any other issue the meeting was concluded with vote of thanks.

Faculties:

1. Yadav U. A.
2. Dr. Ranteke P. K.
3. Dr. Moholkar S. M.
4. Padavi R. V.


Head of the Department
Department of BOTANY
R. B. M. Aundh.


PRINCIPAL
Raja Shripatrao Bhagwantrao
Mahavidyalaya, Aundh (Satara)

Aundh Shikshan Mandal Aundh
Raja Shripatrao Bhagwantrao Mahavidyalaya, Aundh.
Time table, Science faculty: 2021-22



Time	Class	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.30 TO 11.45	B.Sc.II Practical	CHEM1A2 BOT1B1, B2 PKR ZOO C1, C2AAM	CHEM1A2 BOT 1B1, B2 RVP ZOO C1C2 SHP	CHEM1B1, B2 BOT C1, C2, PKR PHY A1, A2 RGK STAT SMM	CHEM1B1, B2 BOT C1, C2UAY PHY A1, A2 RGK STAT SMM	CHEM1C1, C2 BOT A1, A2 RVP ZOO B1B2/AAM MATH- SGB	CHEM1C2 BOT A1, A2UAY ZOO- B1B2 SHP MATH- SGB PHY B.Sc. III RGK
10.00 to 10.45	B.Sc.I			P.E.SSK	P.E.SSK		
11.00 to 11.45	B.Sc.I	PHY/304RGK	BOT 304 UAY MATH 211 SGB	CHEM304	PHY304JGN	ENG-304SJB	ZOO-304 - AAM STAT SVM-211
11.00 to 11.45	B.Sc.III	Eng 209SJB	CHEM209 BOT208-SMM PHY 101-RGK	ENG-209SJB	ENG-209SJB	CHEM209 RMR BOT208-RVP PHY 101-RGK	CHEM209 BOT208UAY PHY 101
11.45 to 12.30 pm	B.Sc.I	ZOO-304 PSH MATH-211 SGB	PHY 304RGK	Eng-304SJB	BOT-304PKR MATH-211SGB	PHY 304JGN	CHEM-304 GRB
	B.Sc.II	CHEM-303 RMR	BOT 303RVP STAT SVM-211	BOT 303RVP STAT 211SMM	CHEM 303	CHEM 303DGK	BOT 303 SMM STAT 211 SMM
12.30 to 12.40	B.Sc.III	CHEM209GRB BOT208UAY PHY 101JGN	CHEM209RMR BOT208PKR PHY 101JGN	CHEM209 GRB BOT208 SMM PHY 101 JGN	CHEM209 DGK BOT208 SMM PHY 101	CHEM209 BOT208 UAY PHY 101	CHEM209RMR BOT208PKR PHY 101
	SHORT RECESS						
12.40 to 1.25	I	ENG-304 SJB	CHEM 304GRB	PHY/304RGK	CHEM 304GRB	ZOO-304 PSH STAT 211SMM	ENG-304 SJB
	II	BOT 303 SMM STAT 211 SMM	PHY302JGN ZOO303AAM MATH-211SGB	CHEM 303	BOT303 RVP MATH 211 SMM	PHY302RGK ZOO303PSH MATH-209SGB	PHY302RGK ZOO303PSH MATH-209SGB


PRINCIPAL
 Raja Shripatrao Bhagwantrao
 Mahavidyalaya, Aundh (505 003)



	III	CHEM209 BOT208PKR PHY 101RGK	ENG209SJB	CHEM209 BOT208RVP PHY 101	CHEM209 BOT208RVP PHY 101	BOT SMM 304 MATHSMM 209	BOT SMM 304 MATHSMM 209
1.25 to 2.10	I	CHEM 304 DGK	ZOO PSH 304 STAT SMM 211	BOT RVP 304 STAT SMM 209	ZOOAAM 304 STAT SMM 209	BOT SMM 304 MATHSMM 209	BOT SMM 304 MATHSMM 209
1.25 to 2.10	II	ZOO 303AAM MATH 211SGB PHY302 JGN	CHEM303	PHY 302 JGN ZOO 303AAM MATH 211SGB	PHY 302RGK ZOO 303SHP STAT 211SGB	BOT303PKR STAT211SMM	CHEM303
2.10 to 2.55	II	Env303	Env303	Env303	Env303		
1.30 to Onwards Practical	B.Sc.III	PHY		CHEM. A1A2,A3 BOT B1,B2SMM, PHY	CHEM. A1A2 A3 BOT B1,B2SMM, PHY	CHEM. A1A2 A3 BOT B1,B2UAY,	CHEM. A1A2 A3 BOT B1,B2PKR
2.10 to Onwards Practical	B.Sc.I	CHEM. C1C2 BOT. B1,B2 ZOO D1,D2. SHP STAT A SMM	CHEM. B1,B2, BOT. C1,C2UAY MATH A SMM	CHEM. A1,A2 BOT.D1,D2RVP PHY C1C2IGN ZOO B1B2. AAM	Chem. D1 D2 Phy A1,A2 ZooC1C2AAM	Phy B1,B2IGN	Phy D1,D2

RGK-R.G.KOKALE, JGN-J.G. NANAWARE, DGK-D.G.KALEKAR, RMK-R.M. KHARATMOL,GRB-G.R. BHUJABAL, UAY-U.A. YADAV,SMM-S.M. MOHOLKAR, PKR-
P.K.RAMTEKE, RVP R.V. PADAVI,PSH- POL S.H,MAA-A.A. MULLA, SGB-S.G.BARGE, SMM-S.M.MOMIN, SIB-S.J.BHANDARE,SSK-S.S.KUMIKAR

HEAD
Department of BOTANY
R. M. M. Aundh.

Principal
Rajawade Sanshodhan Mandal
Raja Shripastur Shagwantrao
Mahavidyalaya, Aundh(Salera)

Raja Shripatrao Bhagwantrao Mahavidyalaya, Aundh.
Time table, department of Botany: 2021-22

Aundh Shikshan Mandal Aundh



Time	Class	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.30 TO 11.45	B.Sc.II Practical	BOT B1.B2 PNR	BOT B1.B2 RVP	BOT C1,C2, PNR	BOT C1,C2UAY	BOT A1,A2 RVP	BOT A1,A2UAY
10.00 to 10.45	B.Sc.I			P.E.SSK	P.E.SSK		
11.00 to 11.45	B.Sc.I		BOT 304 UAY				
11.00 to 11.45	B.Sc.III		BOT208-SNM			BOT208-RVP	BOT208UAY
11.45 to 12.30 pm	B.Sc.I				BOT-304PNR		
	B.Sc.II		BOT 303RVP	BOT 303RVP			BOT 303 SNM
	B.Sc.III	BOT208UAY	BOT208PNR	BOT208 SMM	BOT208 SMM	BOT208 UAY	BOT208PNR
12.30 to 12.40		SHORT RECESS					
12.40 to 1.25	I						
	II	BOT 303 SNM			BOT303 RVP		
	III	BOT208PNR			BOT208RVP		
1.25 to 2.10	I			BOT 208RVP		BOT SNM 304	
1.25 to 2.10	II			BOT RVP 304		BOT303PNR	BOT SNM 304
2.10 to 2.55	II						
1.30 to Onwards Practical	B.Sc.III						
2.10 to Onwards Practical	B.Sc.I	BOT. B1.B2	BOT. C1.C2UAY	BOT.D1.D2RVP			

UAY-U.A. YADAV, SMM-S.M. MOHOLKAR, PNR-P.K.RAMTEKE, RVP R.V. PADAVI,

Raja Shripatrao
Sr. PRINCIPAL
Rajendra Kumar
Bhagwantrao
Mahavidyalaya, Aundh (Satara)

HEAD
Department of BOTANY
R. B. M. Aundh.

Raja Shripatrao Bhagwantrao Mahavidyalaya, Aundh.

Time table, department of Botany: 2021-22

Personal Time table: Yadav UA.



Time	Class	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.30 TO 11.45	B.Sc.III Practical				BOT C1,C2UAY		BOT A1,A2UAY
10.00 to 10.45	B.Sc.I						
11.00 to 11.45	B.Sc.I		BOT 304 UAY				
11.00 to 11.45	B.Sc.III						BOT208UAY
11.45 to 12.30 pm	B.Sc.I						
	B.Sc.II						
	B.Sc.III	BOT208UAY				BOT208 UAY	
12.30 to 12.40		SHORT RECESS					
12.40 to 1.25	I						
	II						
	III						
1.25 to 2.10	I						
1.25 to 2.10	II						
2.10 to 2.55	II						
1.30 to Onwards Practical	B.Sc.III					BOT B1,B2UAY	
2.10 to Onwards Practical	B.Sc.I		BOT C1,C2UAY				
UAY-U.A. YADAV,							


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R. B. M. Aundh.



Work load distribution, 2021-22

Department of Botany



**Aundh Shikshan Mandal's
Raja Shripatrasa Mahavidyalaya, Aundh**

Name: Dr. Purushottam Khetri Ramteke

Designation: Asso. Professor

Department: Botany

Sr. No.	Name of Teacher	Class	Semester	Paper/Units
1	Vaidya U. A.	B.Sc. I B.Sc. II B.Sc. III	I II IV V VI	Paper II DSC 14A Unit 1 a, 2 b Paper IV DSC 14B Unit - 2 a, 2 b Paper V DSC C13 Unit 1 a, 1 b Paper VII DSC D 13 Unit 1 a, 1 b Paper XI DSC E 27 Cytology and technique in Biology Paper XVI DSE F 28 Biofertilizer and Herbal Drug Technology
2	Dr. Moholkar S. M.	B.Sc. I B.Sc. II B.Sc. III	I II III IV V VI	Paper I DSC 13A Unit 1 a, 1 b Paper III DSC 13B Unit 2 a, 2 b Paper VI DSC C 14 Unit 2 a, 2 b. Paper VIII DSC D 14 Unit 2 a, 2 b. Paper IX DSE E 25 DSE F 26
3	Dr. Ramteke P. K.	B.Sc. I B.Sc. II B.Sc. III	I II III IV V VI	Paper I DSC 13A, Unit 2 a, 2 b. Paper III DSC 13A, Unit 1 a, 1 b. Paper III DSC C 14 Unit 1 a, 1 b. Paper VIII DSC D 14 Unit 1 a, 1 b. Paper X DSE E 26 Paper XV DSE F 27
4	Pudavi R. V.	B.Sc. I B.Sc. II B.Sc. III	I II III IV V VI	Paper II DSC 14 A, Unit 1 a, 2 a. Paper IV DSC 14B Unit 1 a, 1 b. Paper V DSC C 13 Unit 2 a, 2 b. Paper VII DSC D13 Unit 2 a, 2 b. Paper XII DSE E 28 Paper XIII DSE F 25

Workload for 2021-22

Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.30 to 11.45am	Practical BSc. II	-	Practical BSc. II	-	-	-
10.00 to 10.45am	-	-	-	-	-	-
11.00 to 11.45am	-	-	-	-	-	-
11.45 to 12.30pm	-	Lecture BSc. III	Lecture B.Sc. II	Lecture B.Sc. I	-	Lecture BSc. III
12.30 to 12.40pm	-	-	Short Recess	-	-	-
12.40 to 1.25pm	Lecture BSc. III	-	-	-	-	-
1.25 to 2.10pm	-	-	-	-	Lecture BSc. II	-
1.30 to onwards	-	-	-	-	-	Practical BSc. III
2.10 to onwards	-	-	-	-	-	-

[Signature]
HEAD BOTANY
Department of Botany
N. R. M. Aundh.

[Signature]
Raja Shripatrasa Mahavidyalaya Aundh(Satara)

[Signature]

Workload Distribution

Prof. Yadav U.A.
Department of Botany
R.S.B.M. Aundh

Office
02161262324
Head
R.S.B.M. Aundh (Satara)

To,
The Principal,
R.S.B.M. Aundh.

**Subject : Workload Distribution Report Department of Botany, Sem II
Academic Year 2021-22**

Respected Sir,

Here I am submitted workload Distribution Report of Department of Botany for
Semester II Academic year 2021-22.

Yadav U.A. – B.Sc. I , Paper IV , Unit II
B.Sc. II , Paper VII , Unit I b

B.Sc. III , Paper XIII , Unit III , Paper XVI Complete

Dr.Ramteke P.K.- B.Sc. I , Paper III , Unit I a & b

B.Sc. II , Paper VII , Unit I b

B.Sc. III , Paper XIII , Unit IV , Paper XV Complete

Dr.Moholkar S.M. – B.Sc. I, Paper III , Unit II a,b

B.Sc. II , Paper VIII , Unit I a

B.Sc.III , Paper XIII , Unit II , Paper XIV complete

Vaikul A.B. – B.Sc. I Paper IV , Unit I

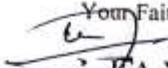
B.Sc. II , Paper VIII , Unit II a

B.Sc. III , Paper XIII , Unit I

Padavi R.V.- B.Sc. II – Paper VII , Unit II a,b

Attar H.R. –B.Sc. II – Paper VII , Unit I a , Paper VIII , Unit II b

Please accept the same.

Your Faithfully,

U.A. Yadav,
HEAD - Head,
Department of Botany
R. S. B. M. Aundh.


PRINCIPAL
Raja Shripatrao Bhagwantrao
Mahavidyalaya,Aundh(Satara)

Distribution of Practical work
Department of Botany
2021-2022



Sr. No.	Name of the Teacher	Class	Batches
1	Yadav U. A.	B.Sc. I	Batch D1 D2
		B.Sc. II	Batch A1 A2
		B.Sc. III	Practical III
2	Dr. Ramteke P. K.	B.Sc. I	Batch B1 B2
		B.Sc. II	Batch A1 A2
		B.Sc. III	Practical I
3	Dr. Moholkar S. M.	B.Sc. I	-----
		B.Sc. II	Batch B1 B2
		B.Sc. III	Practical II, IV
4	Padavi R. V.	B.Sc. I	Batch C1, C2
		B.Sc. II	Batch C1, C2
		B.Sc. III	-----


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Raja Shripatrao Bhagwantrao
Mahavidyalaya, Aundh (Satara)

Teaching Plan

Yadav U.A.

Assist. Prof.

Department of Botany

Annual Teaching Plan 2021-22




B.Sc. I, Sem I, Paper II, DSC 14 A

Sr. No.	Month	Name of the Topic
1	August	1a. General Characters of Bryophyta, Adaptation to land habit, Classification, Alternation of Generation.
2	September	1a. Life cycle of Riccia
3	October	1a. Life cycle of Funaria
4	November	2b. Morphology, Anatomy and Life cycle of Gnetum
5	December	Sem I Exam

B.Sc. I, Sem II, Paper IV, DSC 14 B

Sr. No.	Month	Name of the Topic
1	February	2a. Salient features of Angiosperm, Types of Classification
2	March	2a. Bentham and Hookers Classification
3	April	2b. Family: Nyctaginaceae, Family: Caesalpinaceae, Family: Solanaceae
4	May	Family: Liliaceae
5	June	Annual Practical Exam and Sem II Exam


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Mahavidyalaya, Aundh (Satara)

Yadav U.A.

Assist. Prof.

Department of Botany
Annual Teaching Plan 2020-21



B.Sc. II, Sem III, Paper V, DSC C13

Sr. No.	Month	Name of the Topic
1	August	1a. 1.1 Concept of flower, Typical Flower 1.2 Structure of Anther, Tetra sporangiate Anther
2	September	1a. 1.3 Typical Gynoecium, Typical Ovule, Types of Ovule
3	October	1b. 1.4 Pollination, Types of Pollination and Mechanism 1.5 Microsporogenesis, Pollen germination and Male Gametophyte
4	November	1b. 1.6 Megasporogenesis and Female Gametophyte 1.7 Fertilization, Double Fertilization and Triple Fusion
5	December	Sem III Exam

B.Sc. II, Sem IV, Paper VII, DSC D 13

Sr. No.	Month	Name of the Topic
1	January	1a. 1.1 Plant Organs 1.2 Development of Plant Body 1.3 Internal Organization
2	February	1.4 Meristem, Classification of Meristem, Theories of Structural Development
3	March	1.5 Permanent Tissues, Simple Tissues – Parenchyma, Collenchyma, Sclerenchyma
4	April	1.5 Complex Tissues- Xylem and Phloem 1.6 Types of V.B.
5	May	Annual Practical Exam and Sem IV Exam

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Mahavidyalaya, Aundh (Satara)



Yadav U.A.

Assist. Prof.

Department of Botany
Annual Teaching Plan 2021-22

B.Sc. III, Sem V, Paper XI, DSEE27

Sr. No.	Month	Name of the Topic
1	August	Unit 1- 1.1. Cell Theory, Pro and Eukaryotic cells 1.2. Cell Cycle and Apoptosis. 1.3. Cell Division Meosis and Mitosis
2	September	Unit 2- 2.1 Nucleus 2.2 Mitochondria 2.3 Chloroplast 2.4 Ribosome
3	October	Unit 3- 3.1 Endoplasmic Reticulum 3.2 Peroxisome and Glyoxysomes 3.3 Cell Membrane 3.4 Types of membrane and permeability
4	November	Unit 4- 4.1 Microscopy, Light, Fluorescence and Electron Microscopy 4.2 Colourimetry, Spectrophotometry, Micrometry, Photomicrography 4.3 IPR Concept and IMP. 4.4 Patents- Objective, Procedure and Working
5	December	Sem V Exam


#C PRINCIPAL
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Mahavidyalaya, Aundh(Satara)



B.Sc. III, Sem VI, Paper XVI, DSC F28 Biofertilizers and Herbal Drug Technology

Sr. No.	Month	Name of the Topic
1	January	Unit- 1.1 a) Study of Bacterial Fertilizer b) Blue green Algae Fertilizer c) Mycorrhizal Association. VAM. d) Fungal fertilizer – Trichoderma
2	February	Unit- 1.2 Organic Manure a) Farm Yard, Green Manure, Compost. b) Vermicompost Unit- 2.1 Definition and Importance of Herbal Medicine 2.2 Classification of Crude drug 2.3 Identification, Authentication, Collection, Process, Storage of Medicinal Plants
3	March	2.4 Method of Extraction, Isolation, and Purification Of Phytoconstituent. Unit- 3.1 Application of Herbs in Cosmetics, Shampoo, Hair dye. 3.2 Face mask, Bath Oil, Perfume
4	April	Unit- 4.1 Definition and Introduction of Pharmacognosy 4.2 Medicinal use of Tulsi, Ginger, Methi and Amla 4.3 Adulteration of Drugs 4.4 Plant Antioxidants
5	May	Annual Practical Exam and Sem VI Exam


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Department of BOTANY
R. B. M. Aundh.


PRINCIPAL
Raja Shripatrao Bhagwantrao
Mahavidyalaya, Aundh (Satara)

RAJA SHRIPATRAO BHAGWANTRAO MAHAVIDYALAYA, AUNDH

Name: Dr. Purushottam Khetri Ramteke

Designation: Asso. Professor

DEPARTMENT OF BOTANY

Teaching plan 2021-22



B.Sc. I Semester – I Paper – I (Biodiversity of microbes, Algae and Fungi)

Sr. No.	Month	Name of Topic/points
1	September 2021	Admission Process
UNIT-I		
2	October 2021	Algae: General characters, classification (as per G.M. Smith) up to classes and economic importance
UNIT-II		
3	November 2021	Algae: Important features and life history (excluding developmental stages) of following types: a) <i>Nostoc</i>
4	December 2021	b) <i>Spirogyra</i>
5	January 2022	Fungi: Characters, classification, economic importance, <i>Mucor</i> and <i>Penicillium</i>
6	February 2022	Shivaji University Examination

Semester – II Paper – III (Plant Ecology)

Sr. No.	Month	Name of Topic/points
UNIT-I		
7	March 2022	Ecological factors: Edaphic factors
UNIT-II		
8	April 2022	Climatic factors
9	May 2022	Plant communities: introduction, general characters; Forms and structure
10	June 2022	Raunkier's life forms; Ecological pyramids
11	July 2022	Shivaji university Examination (Practical) Shivaji university Examination (Theory)


PRINCIPAL
Raja Shripatrao Bhagwantrao
Mahavidyalaya, Aundh (Salara)



RAJA SHRIPATRAO BHAGWANTRAO MAHAVIDYALAYA, AUNCH

Name: Dr. Purushottam Khetri Ramteke

Designation: Asso. Professor

DEPARTMENT OF BOTANY

Teaching plan 2021-22



B.Sc. II Semester – III Paper – VI (Plant Physiology)

Sr. No.	Month	Name of Topic/points
1	September 2021	Admission Process
2	October 2021	UNIT-I Plant water relationship: Important of water, water transport process, transpiration
3	November 2021	UNIT-II Mineral nutrition: Macro and micronutrients, criteria of essentiality, nutrient uptake
4	December 2021	Role and deficiency disorders of macronutrients (P,K, Ca, Mg) and micronutrients (Fe, Mn) in plants
5	January 2022	Recovery of macronutrients and micronutrients
6	February 2022	Shivaji University Examination

Semester – IV Paper – VIII (Plant Metabolism)

Sr. No.	Month	Name of Topic/points
7	March 2022	UNIT-I Nitrogen metabolism: Introduction, asymbiotic and symbiotic nitrogen fixation,
8	April 2022	UNIT-I Mechanism, nif genes, nitrate reduction, ammonia assimilation
9	May 2022	UNIT-II Respiration: types, glycolysis, formation of acetyl CoA
10	June 2022	TCA cycle, ETS in mitochondria, fermentation
11	July 2022	Shivaji university Examination (Practical) Shivaji university Examination (Theory)


PRINCIPAL
Raja Shripatrao Bhagwantrao
Mahavidyalaya, Aunch (Satabhambur)



RAJA SHRIPATRAO BHAGWANTRAO MAHAVIDYALAYA, AUNDH

Name: Dr. Purushottam Khetri Ramteke

Designation: Asso. Professor

DEPARTMENT OF BOTANY

Teaching plan 2021-22



B.Sc. III Sem. – V Paper – X (Microbiology, Plant pathology and Mushroom Culture Technology)

Sr. No.	Month	Name of Topic/points
1	September 2021	Admission Process
		UNIT-I & UNIT-II
2	October 2021	Microbiology: Microorganisms in biological world, phytoplasma and actinomycetes features, Methods in microbiology, Transformation and transduction in bacteria Industrial microbiology: Synthesis of antibiotics (Penicillin), Organic acids (Lactic acid) and alcohol (Ethyl alcohol)
		UNIT-III
3	November 2021	Plant Pathology: Classification, Transmission of pathogens, Prevention and control-physical, chemical and biological, role of quarantine, plant diseases
		UNIT-IV
4	December 2021	Mushroom Technology: Types, cultivation technology
5	January 2022	Values of mushroom, storage
6	February 2022	Semester – V Shivaji University Examination

Principal
Raja Shripatrao Bhagwantrao
Mahavidyalaya, Aundh (Satara)

RAJA SHRIPATRAO BHAGWANTRAO MAHAVIDYALAYA AUNDH

Name: Dr. Parashottam Keshri Rautade

Designation: Asst. Professor

DEPARTMENT OF BOTANY

Teaching plan 2021-22

B.Sc. III Semester – VI Paper – XV (Plant Biotechnology and Paleobotany)



Sl. No.	Month	Name of Topic/papers
7	March 2022	Plant Biotechnology: History, scope and importance, biotechnology in India UNIT-I UNIT-II
8	April 2022	Recombinant DNA Technology: Introduction and principle, enzymes evolved in recombinant DNA technology, cloning vectors- prokaryotic: plasmid, lambda phage and cosmid, eukaryotic- YAC (Yeast Artificial Chromosomes), Blotting techniques- Southern and Northern and its applications, molecular probes, DNA fingerprinting- RFLP, RAPD, PCR, DNA sequencing and concept of gene bank UNIT-III
9	May 2022	Plant Tissue Culture Principles and technologies, Micro- propagation, embryogenesis, somaclonal variations UNIT-IV
10	June 2022	Paleobotany: General account, process of fossilization, types of fossils, Geological time scale Study of following form genera with reference to systematic position, external morphology and affinities- <i>Agynopteris</i> and <i>Enzingeroyua</i> . Application of paleobotany- role of microfossils in oil and coal exploration
11	July 2022	Shriaji university Examination (Practical) Shriaji university Examination (Theory)

Prashant
Raja Shripatrao Bhagwantrao Mahavidyalaya Aundh, Satara

RAJA SHRIPATRAO BHAGWANTRAO MAHAVIDYALAYA AUNDH
DEPT OF BOTANY

NAME OF ASST. PROFESSOR- DR. MOHOLKAR S.M.

CLASS- B.Sc -I/II/III

Academic planning: 2021-22

SEMESTER- III/II/I/IV



Month	Class	Semester	First week	Second week	Third week	Fourth week
June	B.Sc.I	I		Admission Process	Admission Process	Admission Process
	B.Sc.II	III		Admission Process	Admission Process	Admission Process
	B.Sc.III	V		Admission Process	Admission Process	Admission Process
July	B.Sc.I	I				
	B.Sc.II	III				
	B.Sc.III	V				
August	B.Sc.I	I				
	B.Sc.II	III				
	B.Sc.III	V				
September	B.Sc.I	I	1.a VIRUSES Discovery, characters general	structure of viruses	Types of viruses	DNA virus
	B.Sc.II	III	2.a: Photosynthesis 2.1: Introduction	2.2: Photosynthetic pigments (Chlorophylls, Carotenoids and Phycobillins)	2.3: Mechanism of Photosynthesis: Light reaction- Photolysis of water	Photosystem I and Photosystem II,
	B.Sc.III	V	Unit 1: Mendelism.1.1 Introduction, Definition and Basic terminologies in genetics	1.2 Principles of inheritance a) Law of Dominance	b) Law of Segregation	c) Law of independent assortment
October	B.Sc.I	I	T-phage	RNA virus –TMV	Economic importance of viruses	Unit test -I
	B.Sc.II	III				
	B.Sc.III	V	1.3 Gene Interaction-a) Complementary gene interaction	b) Supplementary gene interaction		

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November	B.Sc.I	I	1. b BACTERIA Discovery, characters General	Cell structure	Types Modes of reproduction Vegetative	Asexual
	B.Sc.II	III	Electron transport and Photophosphorylation- Cyclic and Non-cyclic.	Dark reaction: C3	C4 Cycle	CAM pathways of carbon fixation.
	B.Sc.III	V				
December	B.Sc.I	I	Sexual- Conjugation	Economic Importance	Unit test-2	C.I.E. Examination
	B.Sc.II	III	Significance of photosynthesis	Unit test: 1		
	B.Sc.III	V				
January	B.Sc.I	II	Ecological Adaptations; Ecological adaptations in, Hydrophytes.	Xerophytes	Epiphytes and parasites	Unit test-3
	B.Sc.II	IV	I.e: Enzymes I.1 : Introduction	I.2 : Classification of enzymes	Nomenclature of enzymes	I.3 : Structure and properties of enzymes
	B.Sc.III	VI				
February	B.Sc.I	II	Plant Succession Characters and Process	types - Hydrosere	Xerisere.	Physogeographical regions as per Chatterji and Masi
	B.Sc.II	IV	I.4 : Mechanism of enzyme action- Lock and Key hypothesis	Induced fit hypothesis.	I.5: Factors affecting enzyme activitytemperature and pH.	I.6: Enzyme inhibition
	B.Sc.III	VI				
March	B.Sc.I	II	Unit test	C.I.E	Second Semester Exam starts	Second Semester Exam
	B.Sc.II	IV	Unit test	C.I.E	Fourth Semester Exam starts	
	B.Sc.III	VI				
April	B.Sc.I	II	Second Semester Exam	Exam Continues	Exam Continues	Exam Continues
	B.Sc.II	IV				
	B.Sc.III	VI				
May			Summer Vacation	Summer Vacation	Summer Vacation	Summer Vacation

[Signature]
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Mahavidyalaya Aundh(Satara)

[Signature]
C. B. NADKAR (M)

[Signature]
Department of BOTANY
R. B. M. Aundh.

[Signature]
PRINCIPAL
Raja Shriprasad Bhagwantrao
Mahavidyalaya Aundh(Satara)

B.Sc. I, Sem I, Paper II, DSC 14 A

Sr. No.	Month	Name of the Topic	Remark
1	August	1a. General Characters of Bryophyta, Adaptation to land habit, Classification, Alternation of Generation.	Completed
2	September	1a. Life cycle of Riccia	Completed
3	October	1a. Life cycle of Funaria	Completed
4	November	2b. Morphology, Anatomy and Life cycle of Gaucium	Completed
5	December	Sem I Exam	

Yadav U.A.
Assist. Prof.
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B.Sc. I, Sem II, Paper IV, DSC 14 B

Sr. No.	Month	Name of the Topic	Remark
1	January	Vaccination	
2	February	2a. Salient features of Angiosperm, Types of Classification	Completed
3	March	2b. Family: Mycogonaceae, Family: Casuarinaceae, Family: Solanaceae	Completed
4	April	Family: Liliaceae	Completed
5	May	Annual Practical Exam and Sem II Exam	Completed

Syllabus Completion Report

Yadav U.A.
Asstt. Prof.

Department of Botany
Syllabus Completion Report 2021-22



Yadav U.A.
Asstt. Prof.

Department of Botany
Syllabus Completion Report 2021-22



B.Sc. II, Sem III, Paper V, DSC C13

Sr. No.	Month	Name of the Topic	Remark
1	August	1a. 1.1 Concept of flower, Typical Flower 1.2 Structure of Anther, Tetra sporangiate Anther	Completed
2	September	1a. 1.3 Typical Gynoecium, Typical Ovule, Types of Ovule	Completed
3	October	1b. 1.4 Pollination, Types of Pollination and Mechanism 1.5 Microsporogenesis, Pollen germination and Male Gametophyte	Completed
4	November	1b. 1.6 Megasporogenesis and Female Gametophyte 1.7 Fertilization, Double Fertilization and Triple Fusion	Completed
5	December	Sem III Exam	

B.Sc. II, Sem IV, Paper VII, DSC D 13

Sr. No.	Month	Name of the Topic	Remark
1	January	Vaccation	
2	February	1a. 1.1 Plant Organs 1.2 Development of Plant Body 1.3 Internal Organization 1.4 Meristem, Classification of Meristem, Theories of Structural Development	Completed
3	March	1.5 Permanent Tissues, Simple Tissues - Parenchyma, Collenchyma, Sclerenchyma	Completed
4	April	1.5 Complex Tissues- Xylem and Phloem 1.6 Types of V.B.	Completed
5	May	Annual Practical Exam and Sem IV Exam	

Yadav U.A.
Asstt. Prof.

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Raja Sirsagar Bhagwanrao
Maharajalaya, Aurang(Satara)

Yadav U.A.
Asstt. Prof.

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Raja Sirsagar Bhagwanrao
Maharajalaya, Aurang(Satara)

B.Sc. III, Sem V, Paper XI, DSRE27

Sr. No.	Month	Name of the Topic	Remark
1	August	Unit 1- 1.1. Cell Theory, Pro and Eukaryotic cells 1.2. Cell Cycle and Apoptosis.	Completed
2	September	1.3. Cell Division Meiosis and Mitosis Unit 2- 2.1 Nucleus 2.2 Mitochondria 2.3 Chloroplast 2.4 Ribosome	Completed
3	October	Unit 3- 3.1 Endoplasmic Reticulum 3.2 Peroxisome and Glyoxysomes 3.3 Cell Membrane 3.4 Types of membrane and permeability	Completed
4	November	Unit 4- 4.1 Microscopy, Light, Fluorescence and Electron Microscopy 4.2 Colourimetry, Spectrophotometry, Micrometry, Photo micrography 4.3 IPR Concept and IMP 4.4 Parents- Objective, Procedure and Working	Completed
5	December	Sem V Exam	To be Completed

Yadav U.A.
Asstt. Prof.

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Maharajalaya, Aurang(Satara)

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Maharajalaya, Aurang(Satara)

B.Sc. III, Sem VI, Paper XVI, DSC P28 Biofertilizers and Herbal Drug Technology



Sr. No.	Month	Name of the Topic	Remark
1	January	Vacation	
2	February	Unit- 1.1 a) Study of Bacterial Fertilizer b) Blue green Algae Fertilizer c) Mycorrhizal Association. VAM. d) Fungal fertilizer – Trichoderma Unit- 1.2 Organic Manure a) Farm Yard, Green Manure, Compost. b) Vermicompost Unit- 2.1 Definition and Importance of Herbal Medicine 2.2 Classification of Crude drug 2.3 Identification, Authentication, Collection, Process, Storage of Medicinal Plants 2.4 Method of Extraction, Isolation, and Purification Of Phytoconstituent. Unit- 3.1 Application of Herbs in Cosmetics, Shampoo, Hair dye. 3.2 Face mask, Bath Oil, Perfume	Completed
3	March	2.4 Method of Extraction, Isolation, and Purification Of Phytoconstituent. Unit- 3.1 Application of Herbs in Cosmetics, Shampoo, Hair dye. 3.2 Face mask, Bath Oil, Perfume	Completed
4	April	Unit- 4.1 Definition and Introduction of Pharmacognosy 4.2 Medicinal use of Turai, Ginger, Methi and Avala 4.3 Adulteration of Drugs 4.4 Plant Antioxidants	Completed
5	May	Annual Practical Exam and Sem VI Exam	To be completed


R. S. M. Kumbhar
Department of BOTANY


Raja Shriparvati Bhagwantrao Mahavidyalaya, Auradh (Solapur)

To
The Principal,
Raja Shriparvati Bhagwantrao Mahavidyalaya,
Auradh Tal. Khatav, Dist. Solapur
Pinc. 415510

Subject: Syllabus completion report

Respected Sir,

With reference to above subject the following workload is allotted to me in departmental meeting. I have successfully completed work load allotted to me during 2021-2022.

Class	Semester	Name of Paper	Paper no.	Name of topic	Remark
B.Sc. I	I	Biodiversity of microbes, Algae and Fungi	I	Algae Fungi	Completed
B.Sc. II	III	Plant physiology	VI	Plant water Relationship Mineral nutrition	Completed
B.Sc. III	V	Microbiology. Plant pathology and Mushroom Culture Technology	X	Microbiology Industrial Microbiology Plant Pathology Mushroom Technology	Completed

Please accept the same.

Thanking you


(Ramnik P.S.)


Raja Shriparvati Bhagwantrao Mahavidyalaya, Auradh (Solapur)

Dr. Ramnik P.S.
Department of Botany
Raja Shriparvati
Bhagwantrao
Mahavidyalaya, Auradh
Date: 24-01-2022





Dr. Ranitke P.K.
 Department of Botany
 Raja Shrinagar
 Bhatwadyaya,
 Aundi,
 Dist. Solapur
 Maharashtra, India
 Pin: 415510

To
 The Principal,
 Raja Shrinagar Bhatwadyaya, Aundi,
 Dist. Solapur,
 Maharashtra,
 India
 Pin: 415510

Subject: Syllabus completion report

Respected Madam,

With reference to above subject the following workload is allotted to me in departmental meeting. I have successfully completed work load allotted to me during 2021-2022.

Class	Semester	Name of Paper	Paper no.	Name of topic	Remark
B.Sc. I	II	Plant Ecology	III	Ecological factors, Plant Communities	Completed
B.Sc. II	IV	Plant metabolism	VIII	Nitrogen metabolism Respiration	Completed
B.Sc. III	VI	Plant Biotechnology and Palaeobotany	XV	Plant Biotechnology Recombinant DNA Technology Plant Tissue Culture Palaeobotany	Completed

Please accept the same.
 Thanking you

Ranitke
 (Ranitke P.K.)
 Dr. Ranitke P.K.
 Principal
 Raja Shrinagar Bhatwadyaya,
 Aundi,
 Dist. Solapur,
 Maharashtra, India

Asst. Prof. Dr. Mohanar Subhan Mohan
 Department of Botany
 Raja Shrinagar B. Bhatwadyaya, Aundi
 Dist. Solapur
 Maharashtra
 India
 Pin: 415510



To
 The
 Principal,
 Raja Shrinagar B. Bhatwadyaya, Aundi
 Dist. Solapur,
 Maharashtra,
 India
 Pin: 415510

Subject: Syllabus completion report....

Respected Sir,

With reference to above subject the following workload is allotted to me in departmental meeting. I have successfully completed work load allotted to me.

Class	Semester	Name of Paper	Workload allotted /Name of topic	Remark
B.Sc. I	I	Botany Paper I: DSC- II A: Biodiversity of Microbes, Algae And Fungi	a. Viruses b. Bacteria	Completed
B.Sc. II	III	Botany Paper VI: DSC- C14: Plant Physiology	2. Photosynthesis	Completed
B.Sc. III	V	Paper- IX DSE- E25 Genetics and Plant Breeding	Unit No. 1: Mendelism: Unit No. 2 Linkage and Recombination Unit No. 3: Chromosomes structure and Variation Unit No. 4: Plant Breeding	Completed

Please accept the same.
 Thanking you

Mohanar
 (Mohanar Subhan Mohan)
 Dr. Mohanar Subhan Mohan
 Assistant Professor
 Department of Botany
 Raja Shrinagar Bhatwadyaya,
 Aundi,
 Dist. Solapur,
 Maharashtra, India

Asst. Prof. Keshavar Sahani Mishra
Department of Botany
Raja Shivapratap B. Mahavidyalaya, Aunthi
Date: 21.08.2022



To
The
Principal,
Raja Shivapratap B. Mahavidyalaya, Aunthi
Pin: 433510

Subject: Syllabus completion report...

Respected Sir,
With reference to above subject the following workload is allotted to me in departmental meeting. I have successfully completed work allotted to me.

Class	Semester	Name of Paper	Workload allotted /Name of topic	Remark
B.Sc-I	II	Biology Paper III: DSC -13 B: Plant Ecology	1. Ecological Adaptations: Ecological adaptations in: Hydrophytes, Xerophytes, Epiphytes and parasites Plant Succession: Characters and Process and Types -Hydroseres, Xerose, Phyto-geographical regions as per Chabrill and Mauit 1.a: Enzymes	Completed
B.Sc-II	IV	Botany Paper VIII: Dsc D14: Plant Metabolism	Unit 1 Bioinformatics Unit No. 2: Bioratistics	Completed
B.Sc-III	VI	Paper XIV DSE -F26: Biostatistics and Economic Botany	Unit No. 3 Economic Botany: Cereals, Legumes and Oils Unit No. 4 Economic Botany: Spices, Beverages and Fibres	Completed
		Practical-II (Based on Paper No. IX and XIV)		Completed
		Practical-IV (Based on Paper No. XII and XIII)		Completed

Please accept the same.

Thanking you

(Signature)
C. Anand Kumar (S.N)

HEAD
Department of BOTANY
R. B. K. Aunthi.

(Signature)
Raja Shivapratap Bhaugantrao Mahavidyalaya, Aunthi (Saurai)

Syllabus completion Report 2021-2022
B.Sc. I sem I paper B DSC 1A A



Asst. Prof. Pooja Heming Verma (CHB)
Department of Botany
Raja Shivapratap B. Mahavidyalaya, Aunthi
Date: . 2022

To
The
Principal,
Raja Shivapratap B. Mahavidyalaya, Aunthi
Pin: 433510

Subject: Syllabus completion report....

Respected maam
With reference to above subject the following workload is allotted to me in departmental meeting. I have successfully completed work allotted to me.

Month	Paper/Topic/Unit	Subunit Planned.	Remark
NOVEMBER	Phanerogamy	General characters, classification, G.M Smith to order Morphology and anatomy	Completed
NOVEMBER	Bryophyte	Life cycle: Excluding developmental stages: Flowering types	Completed
DECEMBER	Phanerogamy	Lifecycle of Selaginella	Completed
JANUARY	Phanerogamy	Lifecycle of ferns.	Completed
JANUARY	Sem I exam	Sem I exam	Completed

HEAD
Department of BOTANY
R. B. K. Aunthi.

(Signature)
Raja Shivapratap Bhaugantrao Mahavidyalaya, Aunthi (Saurai)



Syllabus completion Report 2021-2022
B.Sc. I sem II paper IV OSC 14 B

Asst. Prof. Pado Remeing Wista (CHB)
Department of Botany
Raja Sripartono B. Mahadikarya, Amuth
Date: . . . 2022

To
The
Principal,
Raja Sripartono B. Mahadikarya, Amuth
Pn. 415510

Subject: Syllabus completion report....

Respected mam

With reference to above subject the following workload is allotted to me in departmental meeting. I have successfully completed work allotted to me.

Month	Paper/Topic/Unit	Subunit Planned.	Remark
March	Introduction Taxonomy, ICBN, Botanical Gardens.	Introduction, Importance of taxonomy Functions of Taxonomy Identification Nomenclature	Completed
April	Introduction Taxonomy, ICBN, Botanical Gardens.	Binomial Nomenclature, Classification, ICBN Salient feature of ICBN	Completed
May	Herbarium	Introduction Role Of Herbarium Significance	Completed
June	Botanical Garden	Introduction Role of significance, I.C. Bope botanical garden Cakuda Lead Botanical garden Suk.	Completed
JANUARY	Sem II exam	Sem II exam and annual practical exam	Completed

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Mahadikarya, Amuth(Surakarta)



Syllabus completion Report 2021-2022
B.Sc. II sem III paper V OSC C13

Asst. Prof. Pado Remeing Wista (CHB)
Department of Botany
Raja Sripartono B. Mahadikarya, Amuth
Date: . . . 2022

To
The
Principal,
Raja Sripartono B. Mahadikarya, Amuth
Pn. 415510

Subject: Syllabus completion report....

Respected mam

With reference to above subject the following workload is allotted to me in departmental meeting. I have successfully completed work allotted to me.

Month	Paper/Topic/Unit	Subunit Planned.	Remark
NOVEMBER	Embryo and endosperm development	Str and development of embryo in monocotyledons, Dicotyledons embryo	Completed
NOVEMBER	Embryo and endosperm development	Development of endosperm Type of Endosperm	Completed
DECEMBER	Polypembryony and apomixis	Polypembryony Introduction Types Causes of polypembryony Significance.	Completed
JANUARY	Polypembryony and apomixis	Apomixis Introduction Causes Types Significance	Completed
JANUARY	Sem II exam	Sem III exam	Completed

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Syllabus completion Report 2021-2022
B.Sc. I sem IV paper VI

Asst. Prof. Padik Ramesh Veera (CHB)
Department of Botany
Raja Sirigatreao B. Mahavidyalaya, Aunth
Date: . 2022

To
The
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Raja Sirigatreao B. Mahavidyalaya, Aunth
Pin: 415510

Subject: Syllabus completion report....

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With reference to above subject the following workload is allotted to me in departmental meeting. I have successfully completed work allotted to me.

Month	Paper/Topic/Unit	Subunit Planned.	Remark
March	Primary and secondary structure of plant body and tissue culture.	Primary set of monocot and dicots plants Root, stem, leaves, normal secondary growth dicot plant root, stem.	Completed
April	Primary and secondary structure of plant body and tissue culture.	Anomalous sec. growth thigmoria and diarchia	Completed
May	Primary and secondary structure of plant body and tissue culture.	Peridermis and lenticels Lenticular tissue system	Completed
June	Tissue system	Secondary tissue sys. Mechanical tissue sys.	Completed
June	Sem II exam	Sem. IV exam and annual practical exam	Completed

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Aunth (S.M.S.)



Syllabus completion Report 2021-2022
B.Sc. III Semester V paper XII
Asst. Prof. Padik Ramesh Veera (CHB)
Department of Botany
Raja Sirigatreao B. Mahavidyalaya, Aunth
Date: . 2022

To
The
Principal,
Raja Sirigatreao B. Mahavidyalaya, Aunth
Pin: 415510

Subject: Syllabus completion report....

Respected man
With reference to above subject the following workload is allotted to me in departmental meeting. I have successfully completed work allotted to me.

Month	Paper/Topic/Unit	Subunit Planned.	Remark
NOVEMBER	Importance and division of horticulture.	Introduction and importance of horticulture. Division of horticulture.	Completed
NOVEMBER	Nursery	Def., Objectives, Infrastructure for nursery. Propagation practices. Sexual And Asexual.	Completed
DECEMBER	Nursery.	Sexual propagation Asexual propagation	Completed
JANUARY	Landscape gardening	Indoor garden and outdoor garden	Completed

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Aunth (S.M.S.)



Syllabus completion Report 2021-2022

B.Sc. III Semester VI paper VIII

Asst. Prof. Pooja Ramang Vesta (CAS)

Department of Botany

Raja Shriprasad B. Mahawadeya, Auradh

Date: . 2022

To
The
Principal,
Raja Shriprasad B. Mahawadeya, Auradh
Pin: 415510

Subject: Syllabus completion report...

Respected main
With reference to above subject the following workload is attached to me in departmental meeting. I have successfully completed work allotted to me.

Subject: - Plant Biochemistry and Molecular Biology.

Month	Paper/Topic/Unit	Subunit Planned	Remark
MARCH	Carbohydrate	Introduction classification, size and properties, Significance, Isomerism.	Completed
APRIL	Lipid	Introduction, Structure, Classification Properties, Types of fatty acids significance.	Completed
APRIL	Protein.	Introduction, Structure, Classification of amino acids Properties, Biosynthesis of protein, Protein synthesis in eukaryotes.	Completed
MAY	Nucleic acids	Introduction, Structure and composition DNA, Watson and crick model DNA replication in eukaryotes, Types of RNA.	Completed
JUNE		Annual practical exam and sem vi exam.	Completed

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Department of BOTANY
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Principal
Raja Shriprasad Bhaugwarde
Mahawadeya, Auradh(Satara)

नाम अभिनव गवाडेकर महाविद्यालय, औरध
तर्फे देण्यात येणाऱ्या दस्तऐवजावर विचार
२०२१-२२



- १) वनस्पतीशास्त्र विभागाचे २०२१-२२ वर्षीय गणना तयारकरून अंतिमपत्र व संपुर्णपत्र पत्रालीने पूर्ण केला.
- २) विभागाचे योग्येकी unit test चोम्या व B.sc I आणि inhy level test चोगून slow & Advanced learner scheme अर्वाविशी.
- ३) विभागाचे १९ एडिट २०२२ योगी- शरदशास्त्र विभागाच्या अहकावनि- विशारयाफाति- Plant Biodiversity of Western Ghats या विशारय- तक विद्याये National Workshop अर्वाविज केले. योगी- flower decoration व flower योगीकी- अर्वावि विशारयाफाति अर्वाविज केले.
- ४) विभागाचे २०२१-२२ वर्षीय विशारयाफाति देवधेरी (field visit) तसेच Herbal & Cosmetic institute, koyanagar योगी- योगी- अर्वाविज केले.
- ५) वनस्पतीशास्त्र विभागाचे विविध कर्वाकाम अर्वाविज करून वि. २४ फेब्रुवारी योगी- Science day यात्रा-केला- ११ दि. २४/२५/२६/२७/२८/२९/३०/३१/३२/३३/३४/३५/३६/३७/३८/३९/४०/४१/४२/४३/४४/४५/४६/४७/४८/४९/५०/५१/५२/५३/५४/५५/५६/५७/५८/५९/६०/६१/६२/६३/६४/६५/६६/६७/६८/६९/७०/७१/७२/७३/७४/७५/७६/७७/७८/७९/८०/८१/८२/८३/८४/८५/८६/८७/८८/८९/९०/९१/९२/९३/९४/९५/९६/९७/९८/९९/१००/१०१/१०२/१०३/१०४/१०५/१०६/१०७/१०८/१०९/११०/१११/११२/११३/११४/११५/११६/११७/११८/११९/१२०/१२१/१२२/१२३/१२४/१२५/१२६/१२७/१२८/१२९/१३०/१३१/१३२/१३३/१३४/१३५/१३६/१३७/१३८/१३९/१४०/१४१/१४२/१४३/१४४/१४५/१४६/१४७/१४८/१४९/१५०/१५१/१५२/१५३/१५४/१५५/१५६/१५७/१५८/१५९/१६०/१६१/१६२/१६३/१६४/१६५/१६६/१६७/१६८/१६९/१७०/१७१/१७२/१७३/१७४/१७५/१७६/१७७/१७८/१७९/१८०/१८१/१८२/१८३/१८४/१८५/१८६/१८७/१८८/१८९/१९०/१९१/१९२/१९३/१९४/१९५/१९६/१९७/१९८/१९९/२००/२०१/२०२/२०३/२०४/२०५/२०६/२०७/२०८/२०९/२१०/२११/२१२/२१३/२१४/२१५/२१६/२१७/२१८/२१९/२२०/२२१/२२२/२२३/२२४/२२५/२२६/२२७/२२८/२२९/२३०/२३१/२३२/२३३/२३४/२३५/२३६/२३७/२३८/२३९/२४०/२४१/२४२/२४३/२४४/२४५/२४६/२४७/२४८/२४९/२५०/२५१/२५२/२५३/२५४/२५५/२५६/२५७/२५८/२५९/२६०/२६१/२६२/२६३/२६४/२६५/२६६/२६७/२६८/२६९/२७०/२७१/२७२/२७३/२७४/२७५/२७६/२७७/२७८/२७९/२८०/२८१/२८२/२८३/२८४/२८५/२८६/२८७/२८८/२८९/२९०/२९१/२९२/२९३/२९४/२९५/२९६/२९७/२९८/२९९/३००/३०१/३०२/३०३/३०४/३०५/३०६/३०७/३०८/३०९/३१०/३११/३१२/३१३/३१४/३१५/३१६/३१७/३१८/३१९/३२०/३२१/३२२/३२३/३२४/३२५/३२६/३२७/३२८/३२९/३३०/३३१/३३२/३३३/३३४/३३५/३३६/३३७/३३८/३३९/३४०/३४१/३४२/३४३/३४४/३४५/३४६/३४७/३४८/३४९/३५०/३५१/३५२/३५३/३५४/३५५/३५६/३५७/३५८/३५९/३६०/३६१/३६२/३६३/३६४/३६५/३६६/३६७/३६८/३६९/३७०/३७१/३७२/३७३/३७४/३७५/३७६/३७७/३७८/३७९/३८०/३८१/३८२/३८३/३८४/३८५/३८६/३८७/३८८/३८९/३९०/३९१/३९२/३९३/३९४/३९५/३९६/३९७/३९८/३९९/४००/४०१/४०२/४०३/४०४/४०५/४०६/४०७/४०८/४०९/४१०/४११/४१२/४१३/४१४/४१५/४१६/४१७/४१८/४१९/४२०/४२१/४२२/४२३/४२४/४२५/४२६/४२७/४२८/४२९/४३०/४३१/४३२/४३३/४३४/४३५/४३६/४३७/४३८/४३९/४४०/४४१/४४२/४४३/४४४/४४५/४४६/४४७/४४८/४४९/४५०/४५१/४५२/४५३/४५४/४५५/४५६/४५७/४५८/४५९/४६०/४६१/४६२/४६३/४६४/४६५/४६६/४६७/४६८/४६९/४७०/४७१/४७२/४७३/४७४/४७५/४७६/४७७/४७८/४७९/४८०/४८१/४८२/४८३/४८४/४८५/४८६/४८७/४८८/४८९/४९०/४९१/४९२/४९३/४९४/४९५/४९६/४९७/४९८/४९९/५००/५०१/५०२/५०३/५०४/५०५/५०६/५०७/५०८/५०९/५१०/५११/५१२/५१३/५१४/५१५/५१६/५१७/५१८/५१९/५२०/५२१/५२२/५२३/५२४/५२५/५२६/५२७/५२८/५२९/५३०/५३१/५३२/५३३/५३४/५३५/५३६/५३७/५३८/५३९/५४०/५४१/५४२/५४३/५४४/५४५/५४६/५४७/५४८/५४९/५५०/५५१/५५२/५५३/५५४/५५५/५५६/५५७/५५८/५५९/५६०/५६१/५६२/५६३/५६४/५६५/५६६/५६७/५६८/५६९/५७०/५७१/५७२/५७३/५७४/५७५/५७६/५७७/५७८/५७९/५८०/५८१/५८२/५८३/५८४/५८५/५८६/५८७/५८८/५८९/५९०/५९१/५९२/५९३/५९४/५९५/५९६/५९७/५९८/५९९/६००/६०१/६०२/६०३/६०४/६०५/६०६/६०७/६०८/६०९/६१०/६११/६१२/६१३/६१४/६१५/६१६/६१७/६१८/६१९/६२०/६२१/६२२/६२३/६२४/६२५/६२६/६२७/६२८/६२९/६३०/६३१/६३२/६३३/६३४/६३५/६३६/६३७/६३८/६३९/६४०/६४१/६४२/६४३/६४४/६४५/६४६/६४७/६४८/६४९/६५०/६५१/६५२/६५३/६५४/६५५/६५६/६५७/६५८/६५९/६६०/६६१/६६२/६६३/६६४/६६५/६६६/६६७/६६८/६६९/६७०/६७१/६७२/६७३/६७४/६७५/६७६/६७७/६७८/६७९/६८०/६८१/६८२/६८३/६८४/६८५/६८६/६८७/६८८/६८९/६९०/६९१/६९२/६९३/६९४/६९५/६९६/६९७/६९८/६९९/७००/७०१/७०२/७०३/७०४/७०५/७०६/७०७/७०८/७०९/७१०/७११/७१२/७१३/७१४/७१५/७१६/७१७/७१८/७१९/७२०/७२१/७२२/७२३/७२४/७२५/७२६/७२७/७२८/७२९/७३०/७३१/७३२/७३३/७३४/७३५/७३६/७३७/७३८/७३९/७४०/७४१/७४२/७४३/७४४/७४५/७४६/७४७/७४८/७४९/७५०/७५१/७५२/७५३/७५४/७५५/७५६/७५७/७५८/७५९/७६०/७६१/७६२/७६३/७६४/७६५/७६६/७६७/७६८/७६९/७७०/७७१/७७२/७७३/७७४/७७५/७७६/७७७/७७८/७७९/७८०/७८१/७८२/७८३/७८४/७८५/७८६/७८७/७८८/७८९/७९०/७९१/७९२/७९३/७९४/७९५/७९६/७९७/७९८/७९९/८००/८०१/८०२/८०३/८०४/८०५/८०६/८०७/८०८/८०९/८१०/८११/८१२/८१३/८१४/८१५/८१६/८१७/८१८/८१९/८२०/८२१/८२२/८२३/८२४/८२५/८२६/८२७/८२८/८२९/८३०/८३१/८३२/८३३/८३४/८३५/८३६/८३७/८३८/८३९/८४०/८४१/८४२/८४३/८४४/८४५/८४६/८४७/८४८/८४९/८५०/८५१/८५२/८५३/८५४/८५५/८५६/८५७/८५८/८५९/८६०/८६१/८६२/८६३/८६४/८६५/८६६/८६७/८६८/८६९/८७०/८७१/८७२/८७३/८७४/८७५/८७६/८७७/८७८/८७९/८८०/८८१/८८२/८८३/८८४/८८५/८८६/८८७/८८८/८८९/८९०/८९१/८९२/८९३/८९४/८९५/८९६/८९७/८९८/८९९/९००/९०१/९०२/९०३/९०४/९०५/९०६/९०७/९०८/९०९/९१०/९११/९१२/९१३/९१४/९१५/९१६/९१७/९१८/९१९/९२०/९२१/९२२/९२३/९२४/९२५/९२६/९२७/९२८/९२९/९३०/९३१/९३२/९३३/९३४/९३५/९३६/९३७/९३८/९३९/९४०/९४१/९४२/९४३/९४४/९४५/९४६/९४७/९४८/९४९/९५०/९५१/९५२/९५३/९५४/९५५/९५६/९५७/९५८/९५९/९६०/९६१/९६२/९६३/९६४/९६५/९६६/९६७/९६८/९६९/९७०/९७१/९७२/९७३/९७४/९७५/९७६/९७७/९७८/९७९/९८०/९८१/९८२/९८३/९८४/९८५/९८६/९८७/९८८/९८९/९९०/९९१/९९२/९९३/९९४/९९५/९९६/९९७/९९८/९९९/१०००

HEAD
Department of BOTANY
R. B. M. Auradh.



Department of Botany

R. S. B. M. Anandh

Date - 27/04/2022

To,

The principal

R. S. B. M. Anandh

Subject: - Report on departmental activities during year 2021-2022.

Respected madam,

As per notice dated 25/04/2022, Here I am submitted report on departmental activities conducted and to be conducted for year 2021-2022

Sr No	Name of the activity	Date	Remark
1	State level workshop on biodiversity of plants.	18/04/2022	Conducted
2	Hands on training for B.Sc. III students about horticultural practices	27/04/2022	Conducted
3	Field visits for B.Sc. I & II	May 2022	To be conducted
4	Nursery and lead garden visit B.Sc. II	May 2022	To be conducted
5	Visit to Pharma and Cosmetic Industry B.Sc. III	May 2022	To be conducted.
6	Mushroom cultivation workshop.	June 2022	To be conducted.
7	Seminar for B.Sc III students	May 2022	To be conducted

Please accept the same

Dr. M. Anand
Head of Department
Department of Botany
R. S. B. M. Anandh

Yours faithfully,
HEAD
Department of BOTANY
R. S. B. M. Anandh