



**SNJB (Jain Gurukul's)**  
**K.K.H. Abad Arts, S.M.G. Lodha Commerce & S.P.H. Jain Science College**  
**Neminagar, Chandwad-423101, Dist.-Nashik, Maharashtra**

Establishment  
27/11/1928

---

(Affiliated to Savitribai Phule Pune University) Id. No.PU/NS/AC/015/1970

---

(02556) Off. 252125 Res.252126 Tel. Fax:02556-252125

• P. O. Box No.: 6 • E-mail : [alccchandwad@yahoo.co.in](mailto:alccchandwad@yahoo.co.in)

• Website : [www.acschandwadcollege.com](http://www.acschandwadcollege.com)

DST-FIST Funded (2018-19)

UGC-NSQF Courses (B.Voc. & CC)

Best College Award by Savitribai Phule Pune University (2015-16)

---

## MSc. II Botany

<b>Sr. No.</b>	<b>Document Name</b>	<b>Page No.</b>
<b>1</b>	<b>Syllabus Copy</b>	<b>02</b>
<b>2</b>	<b>Project Certificate</b>	<b>05</b>
<b>3</b>	<b>Student List</b>	<b>06</b>



**Savitribai Phule Pune University**

*(Formerly University of Pune)*

**Two Year Degree Program in Botany**

**(Faculty of Science & Technology)**

Revised Syllabi for

**M.Sc. (Botany) Part-II**

**(For Colleges Affiliated to Savitribai Phule Pune University)**

**Choice Based Credit System Syllabus**

**To be implemented from Academic Year 2020-2021**

**Title of the Course: M.Sc. Botany**

**Structure for M. Sc. Botany Second Year:**

<b>Year</b>	<b>Semester</b>	<b>Course Type</b>	<b>Course code</b>	<b>Course Name</b>	<b>Credits</b>
2	3	Core Compulsory Theory paper	BOUT 231	<b>Botany Theory Paper 1- Computational Botany</b>	4
			BOUT 232	Botany Theory Paper 2- <b>Developmental Botany</b>	4
			BOUT 233	Botany Theory Paper 3- <b>Plant Physiology-</b>	4
		Choice Based optional paper	BODT 234 (Any one)	Botany Theory Paper 4 <b>a. Mycology</b> <b>b. Angiosperm Taxonomy-</b> <b>c. Plant Ecology</b> <b>d. Plant Biotechnology</b> <b>e. Genetics and Plant breeding</b> <b>f. Seed science</b>	2
			BODP 234	Botany Practical Paper based on BODT 234	2
		Core Compulsory practical paper	BOUP 235	Botany Practical Paper <b>based on BOUT 231, BOUT 232, BOUT 233</b>	4
		2	4	Core Compulsory Theory paper	BOUT 241
BOUT 242	Botany Theory Paper 2- <b>Advanced Ecology</b>				4
Choice Based optional paper	BODT 243 (Any one)			Botany Theory Paper 3- <b>a) Applied Mycology</b> <b>b) Advanced Medicinal Botany</b> <b>c) Advanced Plant Physiology</b> <b>d) Industrial Biotechnology-</b> <b>e) Seed Technology</b>	2
	BODP 243			Botany Practical paper based on BODT 243	2
	BODT 244 (Any one)			Botany Theory Paper 4- <b>a) Plant Tissue culture Technology</b> <b>b) Herbal Technology</b> <b>c) Research Methodology</b>	2

			BODP 244	Botany Practical Paper based on BODT 244 Or PG Dissertation	2
		Core Compulsory practical paper	BOUP 245	Botany Practical paper based on BOUT 241 and BOUT 242	4



ESTD - 1928

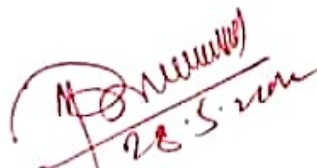
### CERTIFICATE

This to certified that the work incorporated in the project entitled "**FLORISTIC DIVERSITY OF FAMILY FABACEAE FROM SATMALA HILLS OF NASHIK DISTRICT, MAHARASHTRA**" being submitted by **MR. BHUSHAN N. PAWAR** for the award of M.Sc. degree in botany from SPPU, Pune during the year 2021-2022 was carried out under the guidance and supervision of **MR. SWAPNIL D. WAGH**.

The matter embodied in this project as not been submitted to any other University for award of any degree. The material obtained from other sources has been duty acknowledgement in project.

  
27.5.2022

Mr. Swapnil D. Wagh  
Project Guide

  
28.5.2022

Examiner

  
27.05.2022

Dr. Manoj T. Patil  
Head of Department  
**HEAD**

Department of Botany  
SNJB's K.K.H.A.Arts, S.M.G.L. Commerce  
& S.P.H.J. Science College,  
Chandwad-423 101 Dist-Nashik



## Guide wise list of Project students M.Sc II 2021-22

Name: Dr. Manoj T. Patil

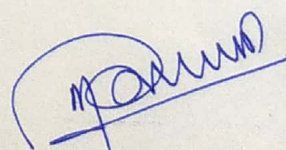
### List of Project Students (2021-22)

Sr. No	Name of the Students	PG Dissertation Title	Remark
1	Momin Fatema Firdaus Shafique Anwer	Survey of medical plant of Malegaon region of Nasik District	
2	Deore Kaveri Dattu	Effect of sodium azide on germination parameters of <i>Vigna unguiculata</i> L.	
3	Gole Snehal Raosaheb	Phytochemical Screening and TLC profiling of <i>Abrus precatorius</i> (L) seeds.	
4	Shinde Shweta Madhukar	Antimicrobial activities of <i>Helicteres Isora</i> Fruits	
5	Kolhe Shubham Prakash	Biochemical estimation of Cowpea seeds ( <i>Vigna unguiculata</i> )	

Name: Dr. Sudin C. Dalave

### List of Project Students (2021-22)

Sr. No	Name of the Students	PG Dissertation Title	Remark
1	kale Jagdish Kailas	To study the growth response of <i>Chlorophytum borivilianum</i> L. medicinal plant in different soil conditions.	
2	More Priyanka Nanaji	In vitro Regeneration of valuable medicinal plant <i>Centella asiatica</i> (L) Urban	
3	Deore Swapnaja Vinod	In vitro Regeneration of valuable medicinal plant <i>Chlorophytum borivilianum</i> (L)	
4	Shirode Bhagyashri Sharad	Estimation of protein content from popularly grown selected wheat varieties of Jalgoan district.	
5	Aishwarya Vilas Jadhav	Estimation of protein content from popularly grown selected wheat varieties of Jalgoan district.	
6	Ashwin Sunil Borate	In vitro propagation studies in <i>Bacopa monnieri</i> a valuable medicinal plant.	

  
**HEAD**

Department of Botany  
SNJB's K.K.H.A.Arts, S.M.G.L. Commerce  
& S.P.H.J. Science College,  
Chandwad-423 101 Dist-Nashik



Name: Mr. Swapnil D. Wagh

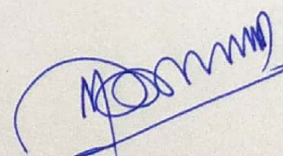
List of Project Students (2021-22)

Sr. No	Name of the Students	PG Dissertation Title	Remark
1	Purkar Sushma Manohar	Floristic diversity of family Asteraceae from Satmala ranges of Nashik district.	
2	Pawar Bhushan Nivrutti	Floristic Diversity of family Fabaceae from chandwad hills, satmala ranges, Nashik.	
3	Gawali Chaitali Ramesh	Florestic Diversity of family Lamiaceae and Malvaceae from chandwad hills ,satmala ranges of Nashik District.	
4	Thakare Anuradha Babaji.	Floristic diversity of family Poaceae from Satmala ranges of Nashik district.	
5	Shinde Vaibhav Valmik	Floristic Diversity of family Acanthaceae from chandwad hills, satmala ranges, Nashik.	

Name: Dr. Mayur S. Patil

List of Project Students (2021-22)

Sr. No	Name of the Students	PG Dissertation Title	Remark
1	Pawar Ashwini Nivrutti	Biochemical evaluation in <i>Caesalpinia bonduc</i> L	
2	Bhavar Tejashri Sharad	Preliminary biochemical characterization of <i>Cassia siamea</i> .L	
3	Marziya Irfan Ahmed	Qualitative and quantitative determination of phytochemical content of <i>Albizia lebbeck</i> .	
4	Deore Shubhangi Gajanan	Qualitative and quantitative Determination of Phytochemical content of <i>Leucaena leucocephala</i> .L	
5	Bambale Pooja Ravindra	Nutritional Prospective of <i>Bauhinia variegata</i> .L	
6	Hilal Pramod Raosaheb	Nutritional potential of <i>Pithecellobim dulce</i> (Rox) benth.	



HEAD

Department of Botany  
SNJB's K.K.H.A.Arts, S.M.G.L. Commerce  
& S.P.H.J. Science College,  
Chandwad-423 101 Dist-Nashik