

Jr. College Regn. No. H.S.C/1074R-10T : 8-8-1976
Jr. College Ufide No. 23-09-002
Jr. College Ufide No. 27341301006
AISHE Code : C-11055



"ज्ञान, विज्ञान अपि कुलस्वा वासुदेवी विह्वल प्रसात"
-सिखनपर्वी डॉ. बापूजी सायुंभे

**Shri Swami Vivekanand Shikshan Sanstha's
VIVEKANAND COLLEGE, KOLHAPUR**

(AN EMPOWERED AUTONOMOUS INSTITUTE)
2130, 'E' ward, Taralva Park, Kolhapur Tal. Karveer, Dist. Kolhapur - 416003
Affiliated to Shivaji University, Kolhapur (MS.)
NAAC Reaccredited : 'A+' (C.G.P.A. - 3.29)
College with Potential for Excellence by U.G.C., New Delhi
"Star College" by D.B.T Govt. of India
ISO 9001 : 2015



Ph : 0231-2658612 Fax : 0231-2658840 Res : 0231-2453962 Website : www.vivekanandcollege.ac.in E-mail : info@vivekanandcollege.org

Founder Dr. Bapuji Salunkhe D.LX	President Hon. Chandrakant Dada Patil Member Higher Secondary Education, Department of Education	Chairman Prin. Abhaykumar Salunkhe M.A.	Secretary Prin. Mrs. Shobhanga Gawade M.Sc. B.Ed.	Principal Dr. R. R. Kumbhar M.Sc. M.Phil. Ph.D.
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"Continuous Internal Evaluation"

Organized by

Department of Botany

On

Academic Year

2025 -2026

Continuous Internal Evaluation 2025-2026



Department of Botany

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A. College Regd. No. H.S.C./10749-10T-8-8-1998
B. College Udyog No. 23-09-002
C. College Udyog No. 2734/1301006
ASHE Code : C-11009

“ज्ञानं, विद्यां अपि सुखेन वाचसी विद्यां व्रत”
- विष्णुगोपी शं. नटुली मठ

Estd. June 1964

Shri Swami Vivekanand Shiksha Sanstha's
VIVEKANAND COLLEGE, KOLHAPUR
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2136, 'K' ward, Tarabai Park, Kolhapur, Tal. Karveer, Dist. Kolhapur - 414003
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Founder Dr. Bapuji Salunkhe O.S.	President Hon. Chandrakant Dada Patil Jyotiraj, Higher Secondary Education, Karmaveer Award	Chairman Prin. Abhaykumar Salunkhe M.A.	Secretary Prin. Mrs. Shubhangi Sawade M.Sc. B.Ed.	Principal Dr. B. R. Kumbhar B.Sc. MPhil Ph.D.
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“Home Assignment & Internal Examination”

Organized by

Department of Botany
Of

B.Sc. III

On

Academic Year

2025 -2026

Continuous Internal Evaluation 2025-2026



Department of Botany

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"Dissemination of Education for Knowledge, Science and Culture"
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Shri Swami Vivekanand Shikshan Sanstha's
Vivekanand College, Kolhapur
(An Empowered Autonomous Institute)
Department of Botany

Date: 13/02/2026

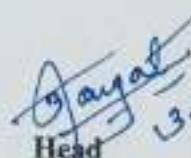
NOTICE

All the students of B.Sc. III (Minor) Botany are hereby informed that the Internal Examination of B.Sc. III (Minor) Botany will be conducted online through Google Form (M.C.Q. Basis). The examination is scheduled to be held on 21/02/2026 and will commence at 11.30 a.m. at Room No. 310. Students are required to complete and submit the examination within a duration of 15 minutes only as no extra time will be granted.

Instructions for Students:

1. Students must log in using their **registered Gmail ID only**.
2. The Google Form link will be shared on the **official WhatsApp group**
3. Ensure a **stable internet connection** during the examination.
4. The exam must be completed **within the given time limit**; late submissions will not be accepted.
5. Once the form is submitted, **no changes** will be allowed.
6. Any form of **unfair means or malpractice** will lead to disqualification.
7. Students should attempt the examination **seriously and honestly**.




Head
13.02.26
Department of Botany

Vivekanand College Kolhapur (An Empowered Autonomous Institute)

Department of Botany

B.Sc. III (Minor)

2025-26

Sub: Botany

Date:

Time:

Teacher's Sign:

Roll No.	Sign	Roll No.	Sign	Roll No.	Sign	Roll No.	Sign	Roll No.	Sign
8203	<u>Chavan</u>	8215	<u>Patil</u>	8335	<u>EM</u>	8347	<u>Vasnet</u>	8380	<u>Sachdev</u>
8204	<u>Sachdev</u>	8216	<u>S.B. Patil</u>	8336		8352	<u>Patil</u>	8381	✓
8205	<u>Sachdev</u>	8217	<u>Patil</u>	8337	<u>Sachdev</u>	8353	✓	8382	✓
8206	<u>N.S. Dandekar</u>	8218	<u>Patil</u>	8338	<u>Muskar</u>	8354	<u>Shripad</u>	8383	<u>Sachdev</u>
8207	<u>Chavan</u>	8319		8339	<u>Patil</u>	8355	✓	8449	<u>Sachdev</u>
8308	<u>Patil</u>	8220	<u>Patil</u>	8340	<u>Patil</u>	8356	✓	8461	<u>Sachdev</u>
8209	<u>Chavan</u>	8221	<u>Patil</u>	8341		8357	<u>Patil</u>	8219	<u>Patil</u>
8210	<u>Fambhara</u>	8222	<u>Patil</u>	8342	<u>Patil</u>	8358	<u>Patil</u>	8434	<u>Patil</u>
8311	<u>Patil</u>	8223	<u>Patil</u>	8343	<u>Patil</u>	8359	<u>Patil</u>	8444	<u>Patil</u>
8212	<u>Patil</u>	8332	<u>Patil</u>	8344	<u>Patil</u>	8360	<u>Ritesh</u>	8448	<u>Patil</u>
8213	<u>Patil</u>	8333	<u>Patil</u>	8345	<u>Patil</u>	8361	<u>Patil</u>	8433	<u>Patil</u>
8214	<u>Patil</u>	8334	<u>Patil</u>	8346	<u>Patil</u>	8362		8439	<u>Patil</u>

8441 Chavan

8431 Patil

8432 Patil



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10/10 Chandanshive Yash L.
10/10 Shinde Bhakti B.

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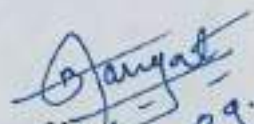
Department of Botany

Date- 09/02/2026

Notice

All B. Sc. III Major Students hereby informed that, you have to submit the given Home Assignment of Botany for Paper XII : **Fundamentals of plant taxonomy** , Paper XIII : **Cytology and Genetics**, Paper XIV: **Molecular Biology and Biotechnology** and Paper DSC II: **Research Technique in Botany** till on 16/02/2026. Write down the assignment on full-scale and submit before mentioned date in Botany department.




Head
09.02.26
Department of Botany

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Department of Botany

B.Sc. III Sem. VI Assignment

DSC-XII: DSC03BOT61: Fundamentals of Plant Taxonomy

Total Marks: 10

Date- 09/02/2026

Q.1 Attempt any one of the following

(06M)

1. Write in details the morphological characters of family Fabaceae.
2. Explain Botanical garden with respect to history, role and special types.

Q.2 Attempt any one of the following

(04M)

1. Importance and future of Taxonomy
2. ICBN



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Department of Botany

B.Sc. III Sem. VI Assignment

DSC-XIII: DSC03BOT62: Cytology and Genetics

Total Marks: 10

Date- 09/02/2026

Q.1 Attempt any one of the following

(06M)

1. Explain in detail different models of Plasma membrane.
2. Define linkage and explain its types.

Q.2 Attempt any one of the following

(04M)

1. Multiple Alleles
2. Golgi complex



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Department of Botany

B.Sc. III Sem. VI Assignment

DSC-XIV: DSC03BOT63: Molecular Biology and Biotechnology

Total Marks: 10

Date- 09/02/2026

Q.1 Attempt any one of the following

(06M)

1. Explain Agrobacterium mediated gene transfer method.
2. Explain cloning vector in detail.

Q.2 Attempt any one of the following

(04M)

1. Embryogenesis
2. DNA replication



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VIVEKANAND COLLEGE, KOLHAPUR (EMPOWERED AUTONOMOUS)

2130, E Ward, Tarabai Park, Kolhapur, Maharashtra 416003

Subject Wise Student Blank Marks Entry

Subject: FUNDAMENTALS OF PLANT TAXONOMY
(DSC03BOT51)

Session: NEP 1.0 MAR - APR 2026

Stream: B.Sc.

Standard: B.Sc. - TY

Semester: SEM - VI

Print Date : 18-03-2026

Sub-Subject: CIE

Max Marks: 10

Page No : Page 1 of 1

SrNo	PRN	SeatNo	GRNos	RollNo	Mob. No	StudentName	Marks
1	A202507650	600050	3000630	8464	9021703211	KHADE SANIKA MAHADEV	10
2	A202507652	600064	3000631	8465	9579909917	PATEL PRADNYA RANGRAO	9
3	2023037427	600069	3000691	7847	9511858459	SIRSAT SHRAVANI AMRUT	10
4	2023037426	600247	3000249	7846	9527964535	PATIL AISHWARYA BABURAO	9
5	2023037428	600248	3000225	7848	9970506365	VIBHUTE PRERANA PRAKASH	8
6	2023037431	600249	3011546	7845	8857804146	MASAL MANASI DEEPAK	9



[Handwritten signature]

Shri Swami Vivekanand Shikshan Sanstha's

VIVEKANAND COLLEGE, KOLHAPUR (EMPOWERED AUTONOMOUS)

2130, E Ward, Tarabai Park, Kolhapur, Maharashtra 416003

Subject Wise Student Blank Marks Entry

Subject: CYTOLOGY AND GENETICS (DSC03BOT62)

Session: NEP 1.0 MAR - APR 2028

Stream: B.Sc.

Standard: B.SC. - TY

Semester: SEM - VI

Print Date : 18-03-2026

Sub-Subject: CIE

Max Marks: 10

Page No :Page 1 of 1

SrNo	PRN	SeatNo	GRNos	RollNo	Mob. No	StudentName	Marks
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3	2023037427	600069	3008891	7847	9511858459	SIRSAT SHRAVANI AMRUT	10
4	2023037426	600247	3009249	7846	9527954635	PATIL AISHWARYA BABURAO	9
5	2023037428	600248	3008525	7848	9970566365	VIBHUTE PRERANA PRAKASH	10
6	2023037431	600249	3011546	7845	8857804146	MASAL MANASI DEEPAK	10



Dr. M. N. Desai

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Department of Botany

Date- 15/09/2025

Notice

All B. Sc. III Major Students hereby informed that, you have to submit the given Home Assignment of Botany for Paper XI: **Plant Anatomy**, and Paper XII: **Plant Physiology and Metabolism** till on 20/09/2025. Write down the assignment on full-scale and submit before mentioned date in botany department.



[Signature]
Head 15.9.25
Department of Botany
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DEPARTMENT OF BOTANY
VIVEKANAND COLLEGE, KOLHAPUR
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Department of Botany

Date- 15/09/2025

Notice

All B. Sc. III Major Students hereby informed that, you have to submit the given Home Assignment of Botany for Paper IX: **Mycology and Plant Pathology** and Paper X: **Plant Ecology** till on 20/09/2025. Write down the assignment on full-scape and submit before mentioned date in botany department.



[Signature]
Head 15.9.25
Department of Botany
HEAD
DEPARTMENT OF BOTANY
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Department of Botany

B.Sc. III Sem. V Assignment

Paper DSE-I: DSE03BOT51: Plant Physiology and Metabolism

Total Marks: 10

Date - 15/09/2025

Q.1 Rewrite the following sentence by choosing the correct alternative. (02M)

1. The non cyclic photophosphorylation is also called as
a) z scheme b) b scheme c) y scheme d) f scheme

2. is the site for photosynthetic light reaction.
a) Thylakoid b) Stroma c) Matrix d) Grand lamellae

Q.2 Attempt any one of the following (08M)

1. What is permeability? Enumerate passive and active uptake absorption.

OR

2. Describe in brief glycolysis.



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Department of Botany

B.Sc. III Sem. V Assignment

Paper DSC-XI: DSE03BOT53: Plant Anatomy

Total Marks: 10

Date- 15/09/2025

Q.1 Rewrite the following sentence by choosing the correct alternative. (02M)

1. of the following is NOT the element of Xylem.

- | | |
|--------------------|-----------------|
| a) Companion cells | b) Tracheids |
| c) Vessels | d) Xylem fibers |

2. A tissue that does not contain lignin

- | | |
|-----------------|-----------------|
| a) Collenchyma | b) Parenchyma |
| c) Sclerenchyma | d) Chlorenchyma |

Q.2 Attempt any one of the following (08M)

1. Explain normal secondary growth in dicot stem and root.

OR

2. Define tissue and explain in detail permanent tissue.



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Department of Botany

B.Sc. III Sem. V Assignment

Paper DSC-X: DSE03BOT52: Plant Ecology

Date: 15/09/2025

Total Marks: 10

Q.1 Rewrite the following sentence by choosing the correct alternative. (02M)

1. Ecological pyramid of is always upright.

- a) Energy b) Number c) Biomass d) None of the above

2. coined the term Ecosystem.

- a) A. G. Tansley b) Charles Elton
c) Alexander Van Humboldt d) Ernst Haeckel

Q.2 Attempt any one of the following (08M)

1. Explain type of Succession- Hydrosere.

OR

2. Give biotic and abiotic components of Ecosystem.



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Department of Botany

B.Sc. III Sem. V Assignment

Paper DSC-IX: DSE03BOT51Mycology and Plant Pathology

Total Marks: 10

Date- 15/09/2025

Q.1 Rewrite the following sentence by choosing the correct alternative. (02M)

1. The plant Quarantine Headquarters in India is situated at

- a) Faridabad b) Hyderabad c) Mumbai d) Delhi

2. The period of plant quarantine is for days.

- a) 40 b) 20 c) 30 d) 35

Q.2 Attempt any one of the following (08M)

1. Explain in detail classification of plant diseases based on pathogen, crops and symptoms.

OR

2. Give classification of Fungi according to Ainsworth (1973).



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Department of Botany

Date- 15/09/2025

Notice

All B. Sc. III Minor Students hereby informed that, you have to submit the given Home Assignment of Botany Paper: **Plant Pharmaceutical Industry** till on 20/09/2025. Write down the assignment on full-scape and submit before mentioned date in botany department.



B. Jangale
Head 15.9.25
Department of Botany
HEAD
DEPARTMENT OF BOTANY
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Department of Botany

B.Sc. III Sem. V Assignment

MIN-IX: MIN03BOT51 Plant Pharmaceutical Industry

Total Marks: 10

Date- 15/09/2025

Q.1 Rewrite the following sentence by choosing the correct alternative. (02M)

1. *Azadirachta indica* belongs to family

a) Meliaceae

b) Fabaceae

c) Asteraceae

d) Solanaceae

2. The scientific name of Punarnava is

a) *Boerhavia diffusa*

b) *Azadirachta indica*

c) *Ocimum sanctum*

d) *Riccia fluitans*

Q.2 Attempt any one of the following

(08M)

1. Give classification of crude drugs on the basis of morphological characters..

OR

2. Describe in brief dermal *tissue system*

