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"ज्ञान, विज्ञान आणि सुसंस्कार यांसाठी शिक्षण प्रसार"
-शिक्षणमहर्षी डॉ. बापूजी साळुंखे

ESTD June 1964
AISHE Code : C-11059
DTE Code : 16125

Shri Swami Vivekanand Shikshan Sanstha's
VIVEKANAND COLLEGE, KOLHAPUR
(AN EMPOWERED AUTONOMOUS INSTITUTE)
2130, 'E' Tarabai Park, Kolhapur, Tal. Karveer, Dist. Kolhapur -416003
Affiliated to Shivaji University, Kolhapur (M.S.)
NAAC Reaccredited : "A+" (CGPA3.29)
College with Potential for Excellence by U.G.C., New Delhi
"Star College" by D.B.T Govt. of India
ISO 9001 : 2015

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Dr. Bapuji Salunkhe
D.Lit.

President
Hon. Chandrakant Dada Patil
M.L.A

Chairman
Prin. Abhaykumar Salunkhe
M.A.

Principal
Dr. Milind S. Hujare
M.Sc., Ph.D.
Joint Secretary (Finance) &
Life Member, Member Management Body
Shri Swami Vivekanand Shikshan Sanstha, Kolhapur

Study Tour at

"Gargoti, Bhudargad Fort and Patgaon"

Organized by

Department of Botany

On

28th September 2026

Vivekanand College, Kolhapur (An Empowered Autonomous Institute) ESTD JUNE 1964

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Vivekanand College, Kolhapur

(An Empowered Autonomous Institute)

Department of Botany

B.Sc. III & II (Major)

"Study Tou r at Gargoti, Bhudargad Fort and Patgaon"

28th September, 2026

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Head
Department of Botany

HEAD
Department of Botany
Vivekanand College, Kolhapur
(An Empowered Autonomous Institute)

Principal
Vivekanand College, Kolhapur
(An Empowered Autonomous Institute)

Vivekanand College, Kolhapur
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"Dissemination of Education for Knowledge, Science and Culture"

Shikshanmaharshi Dr. Bapuji Salunkhe

Shri. Swami Vivekanand Shikshan Sanstha, Kolhapur

VIVEKANAND COLLEGE, KOLHAPUR

(AN EMPOWERED AUTONOMOUS INSTITUTE)

DEPARTMENT OF BOTANY

Date: 25/09/2026

To,

The Principal,

Vivekanand College (An Empowered Autonomous Institute),

Kolhapur.

Subject: Permission for the Study tour at Gargoti, Bhudargad Fort and Patgaon adjoining areas....

Respected Sir,

As per curricular of B.Sc. II (Major) and III, our department has organized a study tour at Gargoti, Bhudargad Fort and Patgaon adjoining areas on Monday, 28th September 2026. I kindly request you to give the permission for the same.

Thanking you.

Staff:

1. Dr. Abhijeet R. Kasarkar
2. Dr. N. K. Dahiphale

25/9/26

सहलीसाठी विद्यार्थी पाठवण करणे

25/9/26

Head

Department of Botany

25.9.26

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HEAD
Department of Botany
Vivekanand College, Kolhapur
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VIVEKANAND COLLEGE, KOLHAPUR

(AN EMPOWERED AUTONOMOUS INSTITUTE)

DEPARTMENT OF BOTANY

Date: 25/09/2025

NOTICE

All the students of B.Sc. III and B.Sc. II (Major) Botany are here by informed that, our department is going to organize study tour at Gargoti, Bhudargad Port and Patgaon adjoining areas on Monday, 28th September 2026 at 7:30 am. All are requested to attend the same.

Head 25.9.26

Department of Botany

HEAD
Department of Botany
Vivekanand College, Kolhapur
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(AN EMPOWERED AUTONOMOUS INSTITUTE)

DEPARTMENT OF BOTANY

Date:- 28/09/2026

Study tour at Gargoti, Bhudargad Fort and Patgaon

Sr. No.	Name of the student	Gender	Class	Signature
1.	Aditi Namdev Kamble	Female	B.Sc. II	
2.	Darshan Ramesh Bhoi	Male	B.Sc. II	
3.	Shrutika Suryakant Pujari	Female	B.Sc. II	
4.	Mahesh Ashok Shinde	Male	B.Sc. II	
5.	Janhavi Sandesh Kambli	Female	B.Sc. II	
6.	Hansika Yuvraj Patil	Female	B.Sc. II	
7.	Vaidehi Rajendra Vayadonda	Female	B.Sc. II	
8.	Sakshi Kundan Patil	Female	B.Sc. II	
9.	Pradnya Vijay Parit	Female	B.Sc. III	
10.	Akanksha S. Kadam	Female	B.Sc. III	
11.	Samruddhi U. Petkar	Female	B.Sc. III	
12.	Sanika M. Ambi	Female	B.Sc. III	
13	Pradnya S. Mohite	Female	B.Sc. III	
14	Vrushali M. Patil	Female	B.Sc. III	
15	Vivek S. Mane	Male	B.Sc. III	

Staff:-

1) Dr. A. R. Kasarkar - Kasarkar

2) Dr. N. K. Dafiphale

Head

Department of Botany

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B. Sc. II year Experimental Learning Tour at Gargoti, Bhudargad Fort and Patgaon on Monday, 28th September 2026.

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Botany B.Sc. III & II (Major)

Exam. No.

Botanical Excursion

Report

At

Gargoti &

Patgaon

Date: 28/09/2026Monday

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Vivekanand College (An Empowered Autonomous Institute), Kolhapur department of Botany has arranged an excursion tour of B.Sc. III and B.Sc. II (Major) students at Gargoti, Bhudargad Fortand Patgaonfor one day.

- Date: 28/09/2026Monday
- Total number of students participated in tour : 15
- Tour Incharge: Dr. A. R. Kasarkar and Dr. N. K. Dahiphale
- Time of Departure: 7.30 am from Central bus stand, Kolhapur
- Time of Arrival: 7.40 pm. same day
- Tour Route: Kolhapur → Gargori → Bhudargad Fort→Patgaon→Kolhapur.
- Sites visited: Patgaon Dam , Bhudargad Fort and Surrounding Forest

The main objectives of botanical excursions are to study the plant habits & habitats, vegetation type, flora & fauna, topography, soil type, climatic conditions etc. Maharashtra is one of the states in india having vast biodiversity. It is famous for Western Ghats, Kokan area with endemic and rare endangered plants.

We have started our journey at 7.30 am from central bus stand and reached atGargoti, Patgaon Dam and BhudargadFort where observed different plants specimens.

- **Locality**: Gargoti, Bhudargad Fortand PatgaonDistance from Kolhapur: 100 km.
- **Taluka:**, Bhudargad
- **Altitude:**940 meter above sea level
- **Latitude:** 16^0 1253"N
- **Longitude:**13^0 9459"E
- **Annual rainfall**: 5,500 mm/year
- **Soil Type**: Latrite
- **Climate:** Tropical monsoon pleasant and healthy.
- **Vegetation:**Tropical Semi evergreen, Semi evergreen
- **Speciality:**PatgaonDam, Bhudargar Fort and Devrai (Swayambhucgi and HanumantachiRai) **Patgaon** referred to as the " Honey Village".

Along the road side Patgaon village,Bhudargar Fort and Patgaondam were observed and collected some of the plant specimens. After that we have visited Raiand collected some of the bryophyte and pteridophyte material. We have reached at Kolhapur 7.40 pm on the same day. Students should aware of the fact that flora & fauna is being destroyed day by day due to ill practices. There is urgent need to protect and propagate the endangered, rare plants and save the biodiversity in nature.

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Following plant materials observed and collected from these places.

Algae:

- *Spirogyra sp.*
- *Nostoc sp.*

Fungi:

- *Polyporus sp.*
- *Ganoderma sp.*

Bryophytes:

- *Plagiochasma sp.*
- *Anthoceros sp.*
- *Funaria sp.*
- *Riccia sp.*

Pteridophytes

- *Adiantumhispidulum*
- *Selaginella sp.*
- Fern sp.

Epiphytes

- *Dendrobiumsp.* and *Lichens* (Usnea, crustose, foliose)

Angiosperms

Botanical Name	Family
*Indigoferapulchella*Roxb.	Fabaceae
Randiadumetorum L.	Rubiaceae
Plectranthusstocksii Hook.	Lamiaceae
*Cynotiscristata*Schlt.	Commelinaceae
*Woodfordia floribunda*Salisb.	Lythraceae
Seneciograhami Hook.	Astraceae
*Smithia hirsute*Daiz.	Fabaceae
*Strobilanthessessilis*Nees.	Acanthaceae
Vignavagilata L.	Fabaceae

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• *Argyreiaspeciosa*Sweet.	Convolvulaceae
• *Adhatodazeylanica* L.	Acanthaceae
• *Physalisminima* L.	Solanaceae
• *Pogosteminrotundatus* Wt.	Lamiaceae
• *Indigoferadalzellii* Cooke.	Fabaceae
• *Impatiens lawii* H.	Geraniaceae
• *Impatiens pulcherrima*Dalz.	Geraniaceae
• *Urticadioecia* L.	Urticaceae
• *Utricularia albo-Coerulea*Dalz.	Lentibulariaceae
• *Lasiosiphoneriocephalus* Dec.	Thymeliaceae
• *Terminaliaarjuna* W& A.	Combretaceae
• *Clematis gouriana*Roxb.	Ranunculaceae
• *Leucasstelligera* Wall.	Lamiaceae
• *Dalbargiasissoo*Roxb.	Fabaceae
• *Erythrinaindica*Lam.	Fabaceae
• *Ipomoea nil* L.	Convolvulaceae
• *Droseraindica* L.	Droseraceae
• *Rotala species* L.	Lythlraceae
• *Clerodendronserratum* Spr.	Verbenaceae
• *Eucalyptus globosa* L.	Myrteaceae
• *Sansevieriatrifasciata* L.	Agavaceae
• *Mallotusphilippinensis* Lam.	Euphorbiaceae
• *Emblicaofficinalis*L.	Euphorbiaceae
• *Acacia senegal*Willd.	Mimosaceae
• *Mirabilis jalapa* L.	Nyctaginaceae
• *Mucunapruriens* D.L.	Fabaceae
• *Mussandafrondosa* L.	Rubiaceae
• *Canscoradiffusa* Br.	Gentianaceae
• *Dysophyllastellata*Bth.	Lamiaceae
• *Artocarpusintegrifolia* L.	Moraceae
• *Dendrocalamusstrictus* L.	Poaceae
• *Heliotropiumzeylanicum* L.	Boraginaceae
• *Nothapodytesnimmoniana*Grah.Icacinaceae	

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• *Colebrookeaoppositifolia* J. E. Smith	Lamiaceae
• *Cyanotis species* Don.	Commelinaceae
• *Dioscoreapentaphylla*L.	Dioscoreaceae
• *Woodfordia floribunda* Salisb.	Lythraceae
• *Zingibercernum*Dalz.	Zingiberaceae
• *Costus speciosus*J. E. Smith	Costaceae
• *Zingiberzerumbet*(L.) Rosc.	Zingiberaceae
• *Begonia crenata* Drynad	Begoniaceae
• *Rotala fimbriata* Wt.	Lythraceae
• *Exacumlawii*Cl.	Gentinaceae
• *Lecas species*	Lamiaceae
• *Persicariabarbata* L.	Polygonaceae
• *Lobelia nicotianaefolia* Roth.	Lobeliaceae
• *Clerodendrumviscosum* Vent.	Verbenaceae
• *Curcuma inodora* Blatt.	Zingiberaceae
• *Eriocaulon eurypeplon* Koern.	Eriocaulaceae
• *Dendrobium species* L.	Orchidaceae
• *Caryota urens* L.	Palmae

TOUR IN CHARGE

HEAD

HEAD
Department of Botany
Vivekanand College, Kolhapur
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ACTIVITY REPORT

1. Basic Information

Academic Year	2026-27
Department	Botany
Activity	Study Tour
Date	28th September 2026
Venue	Gargoti, Bhudargad Fort & Patgaon
Participants	15 Students

2. Quality Mapping

NAAC Attribute	Extended Curricular Engagement
NEP 2020	Environmental Education, Experiential Learning, Multidisciplinary exposure, Holistic development, Skill adapts.
UGC	Environmental Education, Experiential Learning, Multidisciplinary exposure, Holistic development,
SDG	SDG 8, SDG 11,SDG 17

3. Need Assessment

	Study tour is essential for botany students to bridge the gap between textbook theory and real-world application. These excursions teach practical skills such as identifying local flora, understanding climate-vegetation interactions, collecting and preserving plant specimens for herbariums and recognizing ecological threats.

4. Objectives

Objective 1	To observe and know the plant diversity.
Objective 2	To understand natural habitats and ecology.
Objective 3	To explore economic and medicinal important plants.
Objective 4	To develop research temperament.
Objective 5	To know filed and lab skills integration.

5. Activity Description

	Report is attached.

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6. Outcomes

Learning Outcomes	After the activity, students will be able to: 1. Know regional climatic conditions, soil compositions and natural vegetation patterns. . 2. Observe plant species like angiosperms, gymnosperms, bryophytes and Pteridophytes. 3. Gain practical skill in ethically collecting, pressing and cataloguing plant specimens for submission and herbarium records. 4. Understand the importance of biodiversity conservation. 5. Learn to identify plants with known therapeutic, agriculture and commercial value. 6. Compiling and submitting a detailed study tour report.
Impact	The activity increased students' awareness about direct plant identification, herbarium preparation, understanding ecosystem and biodiversity, conservation of biodiversity, Ethnobotanical knowledge.

7. Evidence Checklist

Attach	Permission letter, Notice, Attendance, Photos and Activity report.

8: APPROVALS

Coordinator	Dr. Abhijeet R. Kasarkar Dr. Nagnath K. Dahiphale	
HOD	Dr. B. T. Dangat	
Attribute Coordinator	Dr. K. D. Tiwade	
IQAC Coordinator	Dr. B. T. Dangat	
Principal	Dr. M. S. Hujare	

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Vivekanand College, Kolhapur
(An Empowered Autonomous Institute)
Department of Botany

2026-2027

One page Report

On 28th September 2026, the department of Botany organized a one-day study tour to Gargoti, Bhudargad Fort and Patgaon accompanied by 15 students and faculty members including Dr. Abhijeet R. Kasarkar and Dr. Nagnath K. Dahiphale. The primary objective of excursion was to bridge theoretical classroom knowledge with practical filed observations, focusing on local plant diversity, morphological adaptations and ecological interactions. During the field visit, students explored various vegetation zones, identified diverse angiosperms, pteridophytes and medicinal plants and documented key structural features such as phyllotaxy, inflorescence types etc. Field specimens were carefully collected for herbarium preparation and live ecological adaptations were discussed on-site under the guidance of the faculty. The tour successfully enhanced our understanding of plant taxonomy and conservation, concluding with a group data recording session and a safe return to the campus at 7:30 pm. The study tour was highly informative, engaging and successful.

Head
Department of Botany

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Department of Botany
Vivekanand College, Kolhapur
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