

Estd

1958



Shri Shivaji Education Society's
Board for Higher Education Vidyanagar, Karad



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

CRITERION-I

CURRICULAR ASPECTS

1.3 CURRICULUM ENRICHMENT

1.3.2

Field Work / Study Visit

Reports

2022-23



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YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

CRITERION-I

CURRICULAR ASPECTS

1.3 CURRICULUM ENRICHMENT

1.3.2 Field Work/Study Visit Reports

Index

2022-23

Sr. No.	Name of Activity	Department	Year
1	Study Visit to Gadre Marine Pvt. Ltd. Ratnagiri	Biotechnology (B.Sc. III)	2022-23
2	Geological Field visit to Chunakolvan, Kankavali and Achara.	Geology (B.Sc. III)	2022-23
3	Study Tour to Rajaram Bapu Institute of Technology, Islampur	Mathematics(B.Sc. III)	2022-23
4	Study Local Visit to Sahyadri Sahakari Sakhar Karkhana Ltd., Yashwantnagar, Karad	Microbiology (B.Sc. II)	2022-23
5	Study Visit to National Research Centre for Grapes, Manjari, Pune	Microbiology (M.Sc. I)	2022-23
6	Study Tour to Vasantdada Sugar Institute, Manjari, Pune	Microbiology (M.Sc. I)	2022-23
7	Study Tour to Vasantdada Sugar Institute, Manjari, Pune	Microbiology (B.Sc. III)	2022-23
8	Study Visit to National Research Centre for Grapes, Manjari, Pune	Microbiology (B.Sc. III)	2022-23
9	Study Visit to Gadre Marine Industry, Ratnagiri	Microbiology (M.Sc. II)	2022-23
10	Field Visit to Aesthetic Garden Visit, Karad	Botany (B.Sc. III)	2022-23
11	Study tour to Mahabaleshwar, Satara	Botany (B.Sc. II)	2022-23
12	Study Visit to Bhaskar Ayurvedic Aushdhalaya, A43 MIDC, Kadegaon, Sangli	Botany (B.Sc. III)	2022-23
13	Field Visit to Yashwantrao Chavan College of Science Botanical Garden, Karad	Botany (B.Sc. III)	2022-23
14	Field Visit to Yashwantrao Chavan College of Science Botanical Garden, Karad	Botany (B.Sc. I, II)	2022-23
15	Industrial visit at BIYANI TECHNOLOGIES PVT Ltd, Kolhapur	B.Sc. CS Optional III and B.Sc. CS Entire III	2022-23



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Shri Shivaji Education Society's
Board for Higher Education Vidyanagar, Karad



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Sr. No.	Name of Activity	Department	Year
16	Study Visit to Innovhub System Private Limited, GH House Society, Karad	Electronics (B.Sc. III)	2022-23
17	Study Visit to Innovhub System Private Limited, GH House Society, Karad	Electronics (B.Sc. II)	2022-23
18	Study tour visit to Dr Babasaheb Sawant kokan Krishi Vidhyapith, fishery college, Shiragav Ratnagiri	Zoology (B.Sc. II)	2022-23
19	Study tour visit to Hame and Karde Beech.	Zoology (B.Sc. III)	2022-23
20	Study tour visit to MadhuSagar, Mahabaleshwar apiculture center	Zoology (B.Sc. III)	2022-23
21	Study tour to wind mill park for vankusavde and Light house for Anjanvel.	Physics (B.Sc. II & III)	2022-23
22	Study tour to Mahabaleshwar, Satara	Pollution (B.Sc. II)	2022-23
23	Study Visit to Sahyadri Sahakari Sakhar Karkhana Ltd., Yashwantnagar, Karad.	Chemistry B.Sc. II Biochemistry	2022-23
24	Educational Tour to Ratnagiri, Ganpatipule and Vijaydurg	Chemistry (M.Sc. II)	2022-23

Coordinator,
Internal Quality Assurance Cell (IQAC),
Yashwantrao Chavan College
of Science, Karad



Principal
Yashwantrao Chavan College
of Science, Karad.



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YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, KARAD - 415 124 Dist. Satara (Maharashtra)

☎ 02164 - 271356, Fax : 02164-271356, e-mail : ychavan@bsnl.in, prinyccsk@gmail.com

Reaccredited B Level by NAAC, Bangalore

AN ISO 9001-2008 CERTIFIED COLLEGE REG. NO. : RQ91/5237

Ref. No. / /2022-23

Date: 21/ 01/ 2023

To
The Manager,
Gadre Industries Ratnagiri,
Ratnagiri. Maharashtra.

Sub: - Request for permission to visit your fish product industry and prawn culture farm.

Respected Sir

As a part of educational tour, B.Sc. III Biotechnology (15) from our college accompanied by two faculty members, wish to visit your reputed organization (fish product industry and prawn culture farm) on 24/01/2023.

I request you to grant the permission for visit.

Thanking You.

Regards


Teacher in-charge




Principal
Yashwantrao Chavan College of Science
Karad
Dr.S.B.Kengar

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD
DEPARTMENT OF BIOTECHNOLOGY

B. Sc. III – Study tour

Date: 23.01.2023

The students of B.Sc. III (Biotechnology) are here by informed that two day's study tour is arranged to **Gadre Industries Pvt. Ltd., Ratnagiri** on **Tuesday, 24th & 25th January 2023.**

All should come with Identity Card, note book & Pen. Study tour is **compulsory** as per university syllabus.

All concerned should note and follows

S.S. Nalawade

Teacher in charge
(Mrs. S. S. Nalawade)

S.S. Nalawade

Course Co-ordinator,
Department of Biotechnology



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Study tour 2022-2023 (24-01-2023 to 25-01-2023)

- 1) **Name of the Department** :- Biotechnology
- 2) **Class & Subject for which Tour is arranged** :- B.Sc. Part III Biotechnology
- 3) **No. of Students accompanying** :- 15
- 4) **Place of visits and approximate Distance of traveling** :- 150 Km.
Place :- Ratnagiri
Total Distance :- 300 km. (approx)
- 5) **Date of departure and arrival**
 - a) Departure from Karad (24 Jan) :- 06.00 a.m.
 - d) Arrival at Ratnagiri (24 Jan) :- 10.30 p.m. (approx)
 - e) Arrival at Gadre Industry & Aquarium. (24 Jan) :- 11.30 a.m.
 - f) Arrival at Gadre Prawn Culture. (24 Jan) :- 02.30 a.m.
 - g) Departure from Ratnagiri (25 Jan) :- 4.00 p.m.
 - h) Arrival at Karad. (25 Jan) :- 8.00 p.m. (approx)
- 6) **Mode of Journey** :- Hired vehicle
- 7) **Name of the Staff** :- Mrs.S.S.Nalwade
- 8) **Name of non-teaching staff accompanying tour** :- Mr. S.S. Nikam



(Tour in-charge)



Yashwantrao Chavan College of Science, Karad.
Department of Biotechnology
B.Sc. III Study tour 2022-23
Students and Staff List
Study tour to Ratnagiri.

Sr. No.	Roll No.	Name of the student
1	3361	JAGDALE PRANAV ANANDRAO
2	3362	MUJAWAR ARSH AMIR
3	3363	PAWAR GAURI SAMBHAJI
4	3364	VIBHUTE PRANALI SAYAJI
5	3365	MAHAJAN SAKSHI VINAYAK
6	3366	JADHAV RUTUJA ARUN
7	3367	SHINDE POOJA DATTATRAY
8	3368	JADHAV ANUSHKA SANTOSH
9	3369	SAWAKHANDE SHREYA SIDHARTH
10	3370	THORAT SHIVTEJ VISHWAJIT
11	3371	LADE PIYUSHA PRAVIN
12	3372	PATIL ANKITA ARUN
13	3373	PATIL SARTHAK ANANDRAO
14		NIKAM AKANKSHA ASHOK
15		JADHAV OMKAR SHARAD
		 [Staff] Mrs. S.S. Nalawade
		[Staff]



Yashwantrao Chavan College of Science, Karad
Department of Biotechnology
B.Sc. III Study tour 2022-23

UNDERTAKING

Date: - 24/01/2023

We the undersigned students of B.Sc. III (Biotechnology) travelling in the study tour (as per syllabus) on our own risk. Further we declare that, we will follow the time schedule, maintain the discipline and obey the orders of the in charge of the study tour throughout the tour.

Sr. No.	Roll No.	Name of the student	Mob. No. of Student	Mob. No. of Parents	Student Sign.
1	3361	JAGDALE PRANAV ANANDRAO	9607775627	9156131814	P Jagdale
2	3362	MUJAWAR ARSH AMIR	9373168592	8275367786	Mujawar
3	3363	PAWAR GAURI SAMBHAJI	9730708330	7350335928	Pawars
4	3364	VIBHUTE PRANALI SAYAJI	7397890601	9096136600	Pranali
5	3365	MAHAJAN SAKSHI VINAYAK	8530496948	8888954162	Sakshi
6	3366	JADHAV ARUN RUTUJA	8080906983	9518743526	Rutuja
7	3367	SHINDE POOJA DATTATRAY	9529277109	9922899303	Pooja
8	3368	JADHAV ANUSHKA SANTOSH	7620385990	8788465433	Anushka
9	3369	SAWAKHANDE.SHREYA SIDHARTH	9923904002	9823031307	Sawakhande
10	3370	THORAT SHIVTEJ VISHWAJIT	9024489030	9767157266	Thorat
11	3371	LADE PIYUSHA PRAVIN	8862039038	9049573778	Pade
12	3372	PATIL ANKITA ARUN	7841045832	7842045833	Patil
13	3373	PATIL SARTHAK ANANDRAO	7666328021	9545565016	Patil
14		NIKAM AKANKSHA ASHOK	7350417413	7875967413	Nikam
15		JADHAV OMKAR SHARAD	8767100716	9373112077	Jadhav



S.S. NATAWADE

Teacher In-charge

(MRS. S.S. NATAWADE)



[Signature]

Principal
Principal

Yashwantrao Chavan College of Science
Karad

Yashwantrao Chavan College of Science, Karad

Department Of Biotechnology

STUDY TOUR PROGRAMME

LAB/F-17

Year 2022-2023

CLASS: B.Sc. III

TOTAL NUMBER OF STUDENTS:15

DATES OF STUDY TOUR: 24/01/2023 and 25/01/2023

PLACES OF VISIT: 1) Gadre Marine Pvt. Ltd. Ratnagiri

2) Gadre Shrimp Farm, Ratnagiri

MODE OF JOURNEY: Private Traveller Bus.

NAMES OF THE TEACHERS ACCOMPANYING: Mrs. Nalawade S. S.

Mr. Nikam S.S.

DATES & TIME OF DEPARTURE FROM KARAD: 24/01/2023 Time:- 06:30 am

DATES & PLACES OF VISIT:


1) 24/01/2023 Gadre Marine Pvt. Ltd. Ratnagiri.

2) 24/01/2023 Gadre Shrimp Farm, Ratnagiri.

3) 25/01/2023 Devbag Island, Malvan.

4) 25/01/2023 Tarkarli Beach, Malvan.

DATES & TIME OF ARRIVAL AT KARAD:- 25/01/2023 Time:- 11:45pm


Teacher in- Charge


Head
Dept of Biotechnology


Chairman
Tour Committee



Yashwantrao Chavan College of Science, Karad

Department Of Biotechnology

STUDY TOUR REPORT

Year:-2022-2023

LAB/F-
18

CLASS: B.Sc. III

TOTAL NUMBER OF STUDENTS: 15

DATES OF STUDY TOUR:24/01/2023 and 25/01/2023

PLACES OF VISIT:1) Gadre Marine Pvt. Ltd. Ratnagiri

2) Gadre Shrimp Farm, Ratnagiri

MODE OF JOURNY:Private Traveller Bus.

NAMES OF THE TEACHERS ACCOMPANYING:Mrs. Nalawade S. S.

Mr. Nikam S.S.


DATES & TIME OF DEPARTURE FROM KARAD:24/01/2023 Time:- 06:30 am

DATES & PLACES OF VISIT:

DATE OF VISIT	PLACE OF VISIT	HIGHLIGHTS OF VISIT
24/01/2023	Gadre Marine Pvt. Ltd. Ratnagiri.	Surimi Process Unit, Crab Stick manufacturing Unit
24/01/2023	Gadre Shrimp Farm, Ratnagiri.	Unit of Prawn Culture
25/01/2023	DevbagMalvan.	Island
25/01/2023	TarkarliMalvan	Beach

DATE & TIME OF ARRIVAL AT KARAD:25/01/2023 Time:- 11:45pm


Teacher in-charge


Head
Department of Biotechnology





TRIP 2022-2023 (Gadre Industries Pvt. Ltd, Ratnagiri- Prawn Culture)



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AN ISO 9001-2015 CERTIFIED COLLEGE REG. NO. : RQ91/5237

Date: 11 /02/2023

To,
The Principal,
Yashwantrao Chavan College of Science, Karad.
Karad.

Subject: Permission for B.Sc. III students to go on a study tour to Chunakolvan, Kankavali and Achara.

Respected Sir,

I am writing to request your permission to organize study tour to Chunakolvan, Kankavali and Achara for B.Sc. III geology students of our college. As you are aware, study tours are part of syllabus and essential part of a students learning experience. We are organizing this study tour to provide a wonderful opportunity to obtain practical understanding about numerous aspects of rock science, structural geology and Indian geology. We plan to take about 08 students of B.Sc. III geology along with three faculty members on 17th February 2023. Please allow for the same.

This visit will be conducted under guidance of following faculty members-

1. Dr. R.V. Desai (Study tour Incharge)
2. Mr. A.A. Lole
3. Ms. P. K. Madane

Thanking You,



Prindipal

Yashwantrao Chavan College of Science
Karad



Yours Faithfully



Head

Department of Geology
Yashwantrao Chavan College of Science
Karad.



Yashwantrao Chavan College of Science, Karad

Department of Geology

Notice

Study Tour B.Sc.-III 2022-23

Date- 11/02/2023

Students of B.Sc. III (Geology) are hereby informed that two-day study tour is arranged to Chunakolvan, Kankavali and Achara on 17th February 2023. Purpose of this excursion is to study and know various types of rocks and structures present with in rocks. Study tour area is enriched with variety of Precambrian rocks. f

Study tour is compulsory as per syllabus of Shivaji University, Kolhapur. All students should enroll their name to study tour in-charge Dr. R.V. Desai.

This is for the information to all concern students of B.Sc. III (Geology).



R. Desai

HEAD
Department of Geology
Yashwantrao Chavan College of Science,
Karad

A handwritten signature in blue ink, appearing to be "R. Desai".



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Vidyanagar, KARAD - 415 124 Dist. Satara (Maharashtra)

☎ 02164 - 271356, 271357 e-mail : prinyccsk@gmail.com

UDISE Code - 27310207715 Index No. J 21.02.002

Reaccredited B⁺⁺ Level by NAAC, Bangalore

AN ISO 9001-2015 CERTIFIED COLLEGE REG. NO. : RQ91/5237

Date-14.02.2023

To,

Whomsoever it may Concern

Respected Sir,

Seven students (02 Boys and 05 Girls) of B.Sc. – III Geology of our college are on their Geological study tour to Chunakolvan, Kankavali, Achara on 17th February 2023.

They are accompanied by Dr. R. V. Desai and Prof A. A. Lole .

Please kindly co-operate them wherever necessary.

Student List is enclosed herewith.

Thanking you

Sr.No.	Roll No	Name of the Students
1.	3341	Jagdale Gayatri Dattatray
2.	3342	Alat Sunita Balu
3.	3343	Gade Rajani Shivaji
4.	3344	Gurav Babynanda Mahadev
5.	3345	Thantharate Ansh Ravindra
6.	3346	Jadhav Kalyani Sagar
7.	3347	Vetal Omkar Shivaji



Your Faithfully

Principal,

Yashwantrao Chavan College
of Science, Karad

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DATE: 01.07.2015

REF. NO.: YCCSK/LAB/F - 15

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REV. NO.: 00

STUDY TOUR PROGRAMME

Year 2022 - 2023

Class: B.Sc. III

Total Number of Students: 07

Dates of Study Tour: 17/02/2023

Places of Visit: Chunakolvan, Kanakavali and Achara

Mode of Journey: Cruiser

Names of The Teachers Accompanying: Dr. R. V. Desai

Mr. A. A. Lole


Miss P. K. Madane

Date & Time of Departure From Karad: 17/02/2023; 05:30 am

Dates & Places of Visit: Date - 17/02/2023


1. Chunakolvan
2. Kanakavali
3. Achara

Date & Time of Arrival at Karad: 17/02/2023; 09:00 pm


Teacher in-charge




Head
Department of Geology
Yashwantrao Chavan College of Science,
Karad.


Principal
Yashwantrao Chavan College
of Science, Karad.

Yashwantrao Chavan College of Science, Karad

Department of Geology

Study Tour B.Sc.-III 2022-23

Date of Study Tour- 17th February 2023

Attendance

Sr. No.	Name of the Students	17/02/2023
1.	Jagdale Gayatri Dattatray	P
2.	Alat Sunita Balu	P
3.	Gade Rajani Shivaji	P
4.	Gurav Babynanda Mahadev	P
5.	Thantharate Ansh Ravindra	P
6.	Jadhav Kalyani Sagar	P
7.	Vetal Omkar Shivaji	P



Principal
Yashwantrao Chavan College
of Science, Karad.



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DATE: 01.07.2015	REF. NO.: YCCSK/LAB/F - 15
PAGE 1 OF 1	REV. NO.: 00

STUDY TOUR REPORT

Year 2022 - 2023

Class: B.Sc. III

Total Number of Students: 07

Dates of Study Tour: 17/02/2023

Places of Visit: Chunakolvan, Kanakavali and Achara

Mode of Journey: Cruiser

Names Of The Teachers Accompanying: Dr. R. V. Desai

Mr. A. A. Lole

Miss P. K. Madane

Date & Time of Departure From Karad: 17/02/2023; 05:30 am

Dates & Places of Visit:

DATE OF VISIT	PLACE OF VISIT	HIGHLIGHTS OF VISIT
17/02/2023	Chunakolvan, Kanakavali and Achara	Nodular limestone, slate, Autoclastic Conglomerate, Ripple marks were studied on the trip

Date & Time of Arrival At Karad: 17/02/2023; 09:00 pm


Teacher in-charge


HEAD
Head of the Department
Department of Geology
Yashwantrao Chavan College of Science,
Karad





Principal
Yashwantrao Chavan College
of Science, Karad.

**YASHWANTRAO CHAVAN COLLEGE OF
SCIENCE, KARAD**

DEPARTMENT OF GEOLOGY
STUDY TOUR REPORT


B.Sc. III

Feb. 17, 2023


Name and Sign of Tour Incharge:


Head of Department:
Department of Geology
Yashwantrao Chavan College of Science,
Karad.




Principal
Yashwantrao Chavan College
of Science, Karad.

Acknowledgement:

My sincere thanks to **Dr. S.B. Kengar Sir** (Principal, Yashwantrao Chavan College of Science, Karad) for their kind permission for this field work.

It is a very great pleasure to express my deep sense of gratitude to **Dr. R. V. Desai sir** for arranging study tour to Kanakavali. I am extremely grateful for his invaluable guidance, moral support, encouragement, and good wishes throughout this field work.

I reserve my special thanks to **Prof. A.A. Lole sir** for their guidance and help in field work.

My sincere thanks are also due to **Prof. A.V. Shelar Sir, Prof. S.M. Thorat Sir** and **Prof. S. Mule Sir** for their active help.

I'm also thankful to Lab Asst. of my department **Shri Dhanaji Bhosale sir**.

Last but not the least; I want to express my deepest gratitude to my **Family** for giving permission to participate in this study tour.



A handwritten signature in blue ink, appearing to be 'S. B. Kengar', written in a cursive style.

Principal
Yashwantrao Chavan College
of Science, Karad.

Introduction:

This year we had been to Kankavali for our geological field study. During this we have visited number of places of Geological interest.

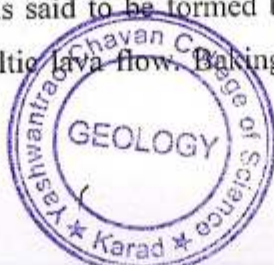
We carried out field work at and around Rajapur (District Ratnagiri) and Kankavali of Sindhudurg district of Maharashtra. The region consist of number of hills & valleys The Gad river flows near Kankavali & join Arabian Sea towards Sea towards west. The general stratigraphy of Kankavali is given below.

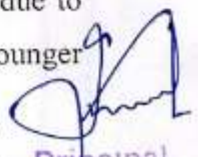


Field Work At Amba Ghat:

The younger laterite is occurring on the top of most of hills. It is typical residual rock of sedimentary origin. It is derived from basaltic lava flows on account of differential chemical weathering of basalt under tropical climates i.e. high rainfall, high temperature and high humidity in this region. It is nothing but the residue left after chemical weathering it is reddish iron rich pores rock. It is used in Konkan area for preparation of bricks for building purpose. It is pores & permeable rock.

In the Amba ghat section different lava flows of basalt of Cretaceous to Paleocene age are exposed. Two lava flows are separated by red clayey layer which is called as 'Red Bole'. It is said to be formed by baking of sediments formed due to weathering of older basaltic lava flow. Baking effect because of upcoming younger




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Yashwantrao Chavan College
of Science, Karad.

lava imparts red colour to sediments (Plate 1). Basalt is gray in colour, hard and compact with fractures. Joints are interconnected with each other which are helpful for groundwater movement and also increase secondary porosity of the rock. Spheroidal weathering is also observed at many places in ghat section.

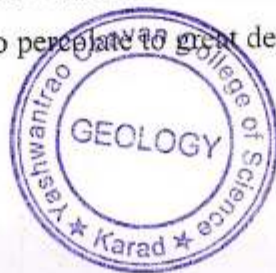
Field Work At Chunakolvan:

Metamorphic rock slate (Plate 2) is best exposed in the stream cutting near Chunakolvan of Ratnagiri district. Slate of Chunakolvan are of Proterozoic in age and equivalent to or its an extension of Kaladgis of Karnataka. Slates are formed by cataclastic metamorphism of argillaceous rock like shale. Strike direction of slate bed is E-W with 30 deg. dip towards south.

Unhale Hot Spring:

One interesting feature of Konkan coastal belt is the presence of hot water springs arranged in a fairly narrow linear belt from north of Mumbai to Ratnagiri area in the south. They occur somewhat midway between the Western Ghat Escarpment and the coast. Few names from north to south- Vajreshwari, Akoli kund, Ganeshpuri, Pali, Dasgaon, Unhere, Tural, Aaravali, Rajapur. During our field visit we came across one of these hot spring known as Unhale (Rajapur) hot spring. Unhale hot water spring is located in the Unhale village near Rajapur city. This hot water spring is on the floodplain of Kondavi river.

Water temperatures are between 50 deg C to 75 deg C. Interestingly, analysis shows significant levels of radon gas at measured sites near Tural. Presence of radon gas hints at the reason why there are hot springs here. It points to deep circulation of water. The crust in this region is made up of a foundation of older Precambrian age granitic rocks overlain by several hundred meters of younger basalt of Late Cretaceous to Paleocene age (67-65 million years old). Radon forms by radioactive decay of uranium. The Deccan Basalts contain only tiny amounts of uranium. Granites on the other hand are enriched in uranium. Radon emission here imply that these fractures cut through the basalt pile and penetrate the 2 billion years and older granitic rocks underlying these basalts. Such fracture systems have provided a passageway for groundwater to penetrate to great depths. Cool water comes in contact




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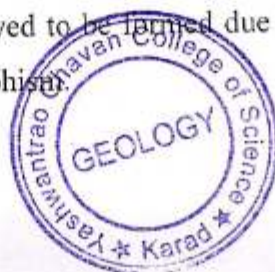
with hot rocks deep below and gets heated. This warmer buoyant water then rises to the surface, forming a hydrothermal circulation system.


Field Work Around Janavali:

Janavali is the tributary of Gad river flow in east- west direction. The Banded Hematite Quartzite (BHQ) (**Plate 3**) are very well exposed at small hillock along bank of Janavali river. The separate bands of hematite and Quartzite's are clearly observed in this rock. This rock is the product of regional metamorphism of ferruginous sandstone.

Field Work Around Kanakavali:

- 1] **Granite Gneiss:** Near kankavali town gray coloured granite gneiss is exposed in Gad river (**Plate 4**). It is well crystalline & show gneissose structure. It often contains, well marked bands of micaceous mineral. It is well jointed. Pot holes are common in the river bed in this rock. Intrusion of dolerite dyke into granite gneiss & it is seen well exposed in Gad river. It is about 40 feet thick & is well jointed, The margin of dykes show chilling effect with a finer grain size. The grain size of dolerite increases towards center.
- 2] **Hornblende Schist:** The rock is well exposed in Gad river near village Pise Kamthe. These rocks are also called as amphibolite (**Plate 5**). The rocks strike N-S & show high angle dip. Strong folding is also observed in this rocks. Hbl schist are black coloured rocks with marked schistose structure.
- 3] **Pegmatite intrusion:** Amphibolite rock is intruded by number of pegmatites material along schistose planes & converted amphibolites at place into granitic nature. Pegmatite veins are mostly leucocratic pink in colour with coarse grained crystals of quartz and orthoclase. Ptygmatic folding is very common in all the veins (**Plate 6**).
- 4] **Autoclastic conglomerates:** The rocks are well exposed in Gad river bed near village Gothane (**Plate 7**). Here the lenticular or ablong little flatten rod's of Quartzites are mixed in a hbl schist or amphibolitic giving rise to conglomeratic nature. The Quartzite rods show common orientation parallel to schistose. The autoclastic conglomerates is believed to be formed due to flattening & elongation of Quartzitic blocks during metamorphism.




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Eparchean Unconformity near Shravan:

Well known Eparchean Unconformity is observed near Shravan in Gad river (Plate 8). Unconformity separates older Archean rocks and younger Proterozoic rocks. Archean rocks like hornblende schist are of Dharwar Supergroup while Proterozoic sandstone is from Kaladagi Supergroup. Basal conglomerate is marked between two rock formations. Ripple marks are also found on the top of younger strata of sandstone (Plate 9).



A handwritten signature in blue ink, appearing to be 'A. S. Chavan', written over a horizontal line.

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Plate 1: Basalt and Red bole contact exposed at Amba Ghat, Dist. Kolhapur.



(Plate 2): Slates of Chunakolvan, Dist. Ratnagiri.




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**(Plate 3): Banded Hematite Quartzite (BHQ) exposure at Janavali,
Dist. Sindhudurg.**



**(Plate 4): Contact of Granite Gneiss and Pegmatite dyke near
Kankavali, Dist. Sindhudurg.**




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(Plate 5): Hornblende Schist outcrop at Pise Kamathe, Dist. Sindhudurg.



(Plate 6): Intrusion of Pegmatite veins in Hornblende Schist at Pise Kamathe, Dist. Sindhudurg.




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(Plate 7): Autoclastic conglomerate at Gothane, Dist. Sindhudurg.




(Plate 8): Eparchean Unconformity near Shravan, Dist. Sindhudurg.




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(Plate 9) Ripple marks in Sandstone near Shravan, Dist. Sindhudurg.




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Yashwantrao Chavan College of Science, Karad
Department Of Mathematics
List of Students
Tour (2022-23)

Roll No.	Name of the Student
3421	Jadhav Punam Ashokrao
3422	Mane Nayan Rajendra
3423	Nangare Sayali Sanjay



Principal

Yashwantrao Chavan College of Science, Karad



HEAD
Department of Mathematics
Yashwantrao Chavan College of Science,
Karad



**YASHWANTRAO CHAVAN COLLEGE OF
SCIENCE, KARAD**

DEPARTMENT OF MATHEMATICS

B.Sc. III (2022-23)

"A TOUR REPORT"

Submitted by

Name – JADHAV PUNAM ASHOKRAO

Roll No.- 3421

EXAM SEAT NO.-

Examiner

16/11/23



Head

HEAD

Department of mathematics

**Yashwantrao Chavan College of Science,
Karad**

Principal



REPORT

It's my great pleasure that I got a chance for study tour arranged by the department of mathematics to Rajaram Bapu Institute of Technology (RIT), Islampur, Dist-Sangli on 13 December 2022.

Aim: To know the student about RIT facilities and faculty in RIT, some information of library and librarian.

1) Introduction by Krushnaji Patil, Give details about scheduled during the day 2) Head of MBA Dept: Hemalata Gaikwad Madam (Business Analysis 11 R Research, Market)

She tells about Human Resource Management. She told that everybody have different learning and teaching ability. For this he showed the story of a peacock in the land of Penguins. Further she said that in the today's life there must be multitasking skill. E.g. Mother play multitasking role as a financial, inventory and management. Also she told that when you working then observe skills and implement our self then organization will develop. Student must test how they can learn. Also show video of movie "3 Idiots" about how to learn and how to teach? To develop analytical skills a course about Microsoft started for in-campus and off-campus students. If you leadership position then you have more skills working people below you. Student must learn about time management skill.

i) Communication ii) Office skill iii) Domain knowledge software lab

MBA Dept has SPSS Software.

Research Lab 1) software Lab 2) MS-Excel Lab 3) Language Lab

• Krushnaji Patil

Dealing with exam stress

Everybody in life face exams to prove himself for his skills graph of result from 10th onwards in downwards.


Principal



1) Learn through experience video of 3 Idiots 2) Listen and observe the things 3) How can be avoid carelessness 4) How to be tension and stress free Video 5) Relaxation- Mr Bean Video about exam 6) Concluded by prepare for exam very well and get success in life .3

• Career Guidance Program (Madhav Tilve)

Give lecture on Career Guidance Program

Career Option after the Graduation-1) Jobs/PVT 2) Higher Education 3) Business small large 4) Free lancing

- 1) Career options after B.Sc.
- 2) Benefits of M.B.A.
- 3) Stages in admission process of MBA.
- 4) About entrance examination of M.B.A.
- 5) Give information about RIT

Visit to Management Dept:

Lab: 4 labs KS Patil discussed about labs, software Microsoft office specialist Tab

Visit to Library-

2 floors-study Rooms

Reference book section

Off campus student also use library facility.




Principal

Yashwantrao Chavan College of Science, Karad

**YASHWANTRAO CHAVAN COLLEGE OF
SCIENCE, KARAD**

DEPARTMENT OF MATHEMATICS

B.Sc. III (2022-23)

"A TOUR REPORT"

Submitted by

Name – MANE NAYAN RAJENDRA

Roll No.- 3422

EXAM SEAT NO.- 28966

Mane Nayan
16/05/23
Examiner



Mane Nayan
Head

Department of Mathematics
Yashwantrao Chavan College of Science,
Karad

Mane Nayan
Principal

Yashwantrao Chavan College of Science, Karad



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YASHWANTRAO CHAVAN COLLEGE OF
SCIENCE, KARAD

DEPARTMENT OF MATHEMATICS

B. Sc. III (2022-2023)

"A TOUR REPORT"

Submitted by

Name : Nangare Sayali Sanjay

Roll No : 3423

Exam Seat No : 38515

Examiner

16/05/23



[Signature]

Principal

Yashwantrao Chavan College of Science, Karad

For Head

Department of Mathematics
Yashwantrao Chavan College of Science,
Karad

[Signature]

[Signature]



REPORT

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Estd. 1958

|| Be One with the downtrodden and the underprivileged ||
Shri Shivaji Education Society Karad, Board For Higher Education's

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, KARAD - 415 124 Dist. Satara (Maharashtra)

☎ 02164 - 271356, 271357 e-mail : prinyccsk@gmail.com

UDISE Code - 27310207715

Index No. J 21.02.002

Reaccredited B** Level by NAAC, Bangalore

AN ISO 9001-2015 CERTIFIED COLLEGE REG. NO. : RQ91/5237

Ref No. : Micro/01 /2022-23

Date: - 31/03/2023

To,

**The Managing Director,
Sahyadri Sahakari Sakhar Karkhana Ltd.,
Yashwantnagar, Karad.**

Subject: - Educational visit of B.Sc. Part - II Microbiology students.

Sir,

As a part of educational tour a group of B.Sc. Part II Microbiology students One Hundred Six (106) from this college accompanied by their teachers (3) wish to visit your industry on **Tuesday, 11th April, 2023.**

I request you to kindly grant them permission to visit alcohol industry and waste treatment plant in your industry.

Thanking you,

Yours faithfully,

Principal

Yashwantrao Chavan College
of Science, Karad

11/4/2023
सहाद्री सहकारी साखर कारखाना लि;
यशवंतनगर, ता. कराड, जि. सातारा



11/4/2023
Distillery In-Charge
Sahyadri S. S. K. Ltd.
Yashwantnagar, Tal. Karad,
Dist. Satara
Principal
Yashwantrao Chavan College,
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF MICROBIOLOGY

B. Sc. II – Study tour

Date: - 08/04/2023

The students of B. Sc. II (Microbiology) are hereby informed that one day study tour in Microbiology is arranged to Sahyadri Sahakari Sakhar Karkhana Ltd., Yashwantnagar, Karad on **11th April, 2023**. All should remain present in college near Microbiology department at **10.00 a.m.**

All should come with Identity Card, Notebook, pen and Tiffin. Study tour is **compulsory** as per university syllabus.

All concerned should note and follow.




HEAD,
DEPARTMENT OF MICROBIOLOGY
Department of Microbiology

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.
Study tour 2022-2023

- 1) **Name of the Department** :- Microbiology
- 2) **Class & Subject for which** :- B.Sc. Part II
Tour is arranged
- 3) **No. of Students accompanying** :- 106
- 4) **Place of visits and approximate Distance**
Place :- Sahyadri Sahakari Sakhar
Karkhana Ltd., Yashwantnagar.
Distance :- 8 k.m. + 8 k.m. (Approx.)
Total Distance :- 16 k.m. (approx)
- 5) **Date of departure and arrival** :- 11th April, 2023
- a) **Departure from Karad** :- 10.00 a.m.
- b) **Visit to Sahyadri Sahakari Sakhar Karkhana Ltd., Distillery Section** :- 10.30 a.m.
- c) **Lunch Break** :- 01.00 p.m.
- d) **Visit to Waste Treatment Plant** :- 02.00 p.m.
- e) **Departure from S.S.Sakhar Karkhana Ltd., Yashwantnagar:-** 03.30 p.m.
- f) **Arrival at Karad** :- 04.00 p.m.
- 6) **Mode of Journey** :- S.T. Bus
- 7) **Name of the Staff accompanying tour** :- Miss. Lohar S. A.
Miss. Shinde S. S.
Mr. Sutar K. A.



(Tour in-charge)



HEAD
DEPARTMENT OF MICROBIOLOGY



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Yashwantrao Chavan College
of Science, Karad.

Yashwantrao Chavan College of Science, Karad
DEPARTMENT OF MICROBIOLOGY

B.Sc. II (2022-2023)

UNDERTAKING

We the undersigned students of B.Sc. II (Microbiology) are attending an educational tour with our teachers to Sahyadri Sahakari Sakhar Karkhana Ltd, Yashwantnagar from 11/04/2023 (10.00 a.m.) till arrival at Karad to visit places of educational interest. We are traveling on our own risk and we further declare that we all will follow the time schedule & obey the orders of the incharge throughout the tour.

Roll No.	Name of the Student	Phone Number	Signature
P P 2151	BHANDAVALE ANIKET VISHWANATH	7499334072	Bhandvale
2152	CHANDANSHIVE TEJASWINI ROHIDAS	ABSENT	
2153	CHAVAN PRATHAMESH DHANAJI	ABSENT	
2154	DESHMUKH ANIKET BAPURAO	ABSENT	
2155	DIVASKAR VIVEK RAJENDRA	ABSENT	
PP 2156	KADAM PRATHAMESH DATTATRAY Prashant	53082568	Prashant
PP 2157	MALI SONALI RAJARAM	9370904155	Sonali
PP 2158	NIKAM VEDANTIKA MAHESH	7378940522	Nikam
PP 2159	ROKADE SAURABH BAPURAO	9309958998	Saurabh
PP 2160	SHIKALGAR NILOPHAR RAJEKHAN	7885174528	Shikalgar
2161	TAWARE PRASHANT TANAJI	ABSENT	
PP 2162	THORAT PRITI PANDURANG	9307299794	Priti
PP 2163	THORAT SNEHAL BHASKAR	9021593014	Snehal
PP 2171	AUNDHAKAR VAISHNAVI SATISH	8378912219	Vaishnavi
PP 2172	ANGARAKHE GAURAV TANAJI	8766701831	Gaurav
PP 2173	CHAVAN SAKSHI SHIVAJI	8767367966	Sakshi
PP 2174	DESAI ALISHA SALIM	9960410495	A.S.Desai
PP 2175	DESAI PRIYANKA BALASO	8623995153	P.B.Desai
PP 2176	DESHMUKH SUPRIYA SANJAY	8489559185	Supriya
PP 2177	DESHMUKH TILOTTAMA SANJAY	9561000499	T.S.Deshmukh
PP 2178	DISALE SANDHYA PANDURANG	7498315705	Sandhya
2179	INAMDAR SHADAB JAMAL	ABSENT	
PP 2180	JADHAV KANCHAN MANSING	9130780053	Kanchan
PP 2181	JADHAV PRASAD SHRIMANT	7620205446	Prasad
2182	JADHAV PRASAD VISHWANATH	ABSENT	
PP 2183	JADHAV TEJASHRI MADAN	8459845488	Tejashri
PP 2184	JANGAM ANUSHRI DILIP	7447881393	Anushri
PP 2185	KHALKAR ARYA NARAYAN	8378958773	Arya
PP 2186	KHANDAIT PRAJAKTA UMESH	8767204036	Prajakta
2187	KHOT KOMAL SHAMRAO	ABSENT	
PP 2188	MAGARE AVANTIKA DATTARAY	8459302114	A.D.Magare

Parents call



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PP	2189	PADALKAR SAGAR DADASO	9356493302	Salekar	P.C.
	2190	PANUGADE ANIKET RAJENDRA	ABSENT		
PP	2191	PATIL KRUPALI ASHOK	8080046531	Patil	
PP	2192	PATIL PRATHAMESH ANANDA	9130168002	Patil	P.C.
PP	2193	PATIL SANIKA PRAKASH	7757952111	Patil	
PP	2194	PATIL SANJANA TUKARAM	8767365519	Patil	
PP	2195	PATIL SHIVANI BALU	9579645027	Patil	
PP	2196	PHUKE SUSHANT UTTAM	9511785554	S.U. Phuke	P.C.
PP	2197	POL SAKSHI ANNASO	9604175354	Sakshi	P.C.
PP	2198	RANBHOR NEHA ULHAS	7498734063	Ran	P.C.
PP	2199	SANKPAL PRADNYA GANPAT	9757971195	P.G. sankpal.	
PP	2200	SARGAR SARIKA NAMDEV	9309552249	Sargar	
	2201	SHINDE KSHITIJA VIJAY *	ABSENT		
	2202	SHINDE SAMIKSHA PRAKASH	ABSENT		
PP	2203	VEER ROHINI SHANTARAM	8625824672	Veer	
PP	2204	WADKAR PANKAJ SHRIKANTH	7709746483	Wadkar	P.C.
PP	2205	WALEKAR SAVITA BALASAHEB	8975144624	Walekar	
PP	2206	YADAV DIPALI DILIP	8208044740	Yadav	
PP	2207	YADAV MOHINI MANSING	7821908841	Yadav	P.C.
PP	2208	YADAV NEHA VILAS	8010265846	N.N. Yadav	P.C.
PP	2209	YADAV ROHAN JAYWANT	9307382380	Yadav	
PP	2210	YEWALE SHUBHAMRAJ SANJAY	8625896224	Yewale	P.C.
	2301	FASALE MARUTI SAMPAT	ABSENT		
	2302	KOKANI RAJKUMAR RAJU	ABSENT		
PP	2303	MALI HARSH AJIT	7378537067	Mali	
PP	2304	MASUGADE MANASI KRISHNA	9158208392	Masugade	
	2305	MUJAWAR MUSKAN AJI	ABSENT		
	2306	NIKAM NEHALI NANDKUMAR	9657822003	Nikam	
	2307	PAWAR VAISHNAVI BALASAHEB	ABSENT		
PP	2311	BHINTANE SHANTANU SUYOG Tanmay	9307321996	Bhintane	
	2312	BODHAGIRE VIKRAM RAVSO	ABSENT		
PP	2313	CHAVAN PRADNYA RAJENDRA	7972133347	Chavan	
	2314	DESAI SHANTANU KANTILAL	ABSENT		
PP	2315	JAGTAP ANURADHA ASHOK	9146597066	Jagtap	
PP	2316	KADAM SUJATA SANJAY	7666980142	Kadam	
PP	2317	MALI ASHARANI SATISH	7798462386	Mali	
PP	2318	MANE SHRUTIKA SURESH	9529109282	Mane	
PP	2319	MULLA MOHASINA MAHAMMAD	9373167643	Mulla	
PP	2320	NALAWADE ATUL DHARMARAJ	8668878618	Nalawade	
	2321	PATIL SHUBHAMRAJ VISHWAS	ABSENT		
PP	2322	PAWAR PRERANA GANESH	9021500191	Pawar	
PP	2323	PAWAR VAISHNAVI BAPUSO	8767748008	Pawar	
PP	2324	SHAIKH KARINA RASHID	8010734324	Shaikh	
	2325	SHINDE AVINASH ASHOK	9834649844	Shinde	
PP	2326	SHINDE SANKET ASHOK	ABSENT		
PP	2327	SUTAR SUJIT ANIL	7821088712	Sutar	



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	* 2328	SWAMI SHREYAS DATTATRAY	9888910657	Ssuert	
	2329	TAKPIRE RUSHABH BALU	9888910657	ABSENT	
PP	2330	THORAT DURGA AMARSINH	9518800167	Thorat	
PP	2331	THORAT SANJIVANI SANTAJI	9021485035	Thorat	
	2332	ADSULE PRATHAMESH BHASKAR	9888910657	ABSENT	
PP	2333	BHOSALE HARSHVARDHAN VIJAY	8308478688	Bhosale	
	2334	CHAVAN SANJANA ANIL	9888910657	ABSENT	
PP	2335	JADHAV RUTUJA VIKRAM	9960572015	Jadhav	
PP	2336	KALE SANIYA DAYANAND	9322043054	S.D. Kale	
PP	2337	KOLHAPURE SAYALI VIDYASAGAR	9356826053	S.V. Kolhapure	
PP	2338	MANE RUGVED RAJENDRA	8956994972	R.R. Mane	P.C.
PP	2339	PATIL VEDASHRI SANJAY	9356042353	Patil	
PP	2340	SALUNKHE RUTUJA KRUSHNAT	7499095807	Salunke	
PP	2341	THORAT SHIVAM DATTATRAY	9359621782	Thorat	
PP	2342	VARPE RUTUJA SHIVAJI	8600807186	R. Varpe	
PP	2343	YADAV VAISHNAVI PRAKASH	9373821745	Yadav	
PP	2164	SHINDE SAISH ISHWAR	8888087682	S.S. Shinde	
PP	2166	PATIL SAKSHI SAMBHAJI	9657259885	Patil	P.C.
PP	2532	Kajave Shritef Rajaram	751793199	Kajave	
PP	2167	Shidruk Kajal Balaso	9623994757	Shidruk	P.C.
PP	2168	choemare Akshata Ashok	7030537356	Chomare	P.C.
PP	2211	Shevale Aishwarya sayaji	8921519013	Shevale	P.C.
PP	2212	Salunkhe Divyaranj Ashok	7219653601	Salunke	P.C.

Name of Accompanied staff

- 1) Shri. Kishor A. Sutar Kishor
- 2) Miss. S. A. Lohar Lohar
- 3) Miss. S. S. Shinde S.S. Shinde



[Signature]
HEAD
DEPARTMENT OF MICROBIOLOGY

[Signature]
Principal
 Yashwantrao Chavan College
 of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DATE:	REF. NO.: YCCSK/LAB/F -
PAGE :	REV. NO.: 00

STUDY TOUR REPORT

Year 2022-2023

CLASS: B. Sc. II Microbiology

TOTAL NUMBER OF STUDENTS: ⁷⁸106

DATES OF STUDY TOUR: 11th April, 2023

PLACES OF VISIT: Sahyadri Sahakari Sakhar Karkhana Ltd, Yashwantnagar

MODE OF JOURNEY: S. T. Bus

NAMES OF THE TEACHERS ACCOMPANYING: 1) Miss. Lohar S. A.
2) Miss. Shinde S. S
3) Mr. Sutar K. A.

DATE & TIME OF DEPARTURE FROM KARAD: 11th April, 2023; 10.30 a.m.

DATES & PLACES OF VISIT:

DATE OF VISIT	PLACE OF VISIT	HIGHLIGHTS OF VISIT
11 th April, 2023	Sahyadri Sahakari Sakhar Karkhana Ltd, Distillery Section, Yashwantnagar	Students gained knowledge about the distillation process and the role of microorganisms in the fermentation of alcohol.

DATE & TIME OF ARRIVAL AT KARAD: 11th April, 2023; 04.00 p.m.



Teacher in-charge



Head of the Department



HEAD
DEPARTMENT OF MICROBIOLOGY



Principal
Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD
DEPARTMENT OF MICROBIOLOGY
Field Visit/Study Tour Report
Academic Year (2022-23)
REPORT

Name of the activity:	Study visit to Sahyadri Sahakari Sakhar Karkhana Ltd, Yashwantnagar, Tal:- Karad, Dist:- Satara
Date	11 th April 2023
Purpose of Program	To enhance students' interest and awareness of sugarcane distillation process and acquire the knowledge of fermentation.
Study Tour Inchange	Mr. K. A. Sutar
Total Beneficiaries	106 B.Sc. II Year Students
No. of Teachers Participated	03
Program outcomes	Students learned how the microorganism converts the molasses into ethanol, as well as the process of sugar production.



Visit of B.Sc. III year student to Sahyadri Co-operative Sugar Industry, Yashwantnagar, Tal- Karad, Dist- Satara

(Signature)
 Tour Inchange



(Signature)
 Head of the Department
HEAD
 DEPARTMENT OF MICROBIOLOGY
(Signature)
 Principal
 Yashwantrao Chavan College
 of Science, Karad.

**Study visit to Sahyadri Sahakari Sakhar Karkhana Ltd, Yashwantnagar,
Tal:- Karad, Dist:- Satara**



Students Visit to Distillation Plant



Principal
Yashwantrao Chavan College
of Science, Karad.



Estd. 1958

|| Be One with the downtrodden and the underprivileged ||
Shri Shivaji Education Society Karad, Board For Higher Education's

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, KARAD - 415 124 Dist. Satara (Maharashtra)

☎ 02164 - 271356, Fax : 02164-271356, e-mail : ychavan@bsnl.in, prinyccsk@gmail.com

Reaccredited B Level by NAAC, Bangalore

AN ISO 9001-2008 CERTIFIED COLLEGE REG. NO. : RQ91/5237

Ref.No./ /2022-23

Date: 14/03/2023

To
The Director,
National Research Centre for Grapes,
Manjari, PUNE

Sub: - Request for permission to visit your organization...

Respected Sir

As a part of educational tour, M. Sc. I Microbiology students [52] from our college accompanied by two faculty members, wish to visit your reputed organization on 17th March, 2023

I request you to grant the permission for visit.

Thanking You.

Regards




Principal,
Yashwantrao Chavan College
of Science, Karad


Principal
Yashwantrao Chavan College
of Science, Karad.



Estd. 1958

|| Be One with the downtrodden and the underprivileged ||
Shri Shivaji Education Society Karad, Board For Higher Education's

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Vidyanagar, KARAD - 415 124 Dist. Satara (Maharashtra)

☎ 02164 - 271356, Fax : 02164-271356, e-mail : ychavan@bsnl.in, prinyccsk@gmail.com

Reaccredited B Level by NAAC, Bangalore

AN ISO 9001-2008 CERTIFIED COLLEGE REG. NO. : RQ91/5237

Ref. No. / 2022-23

Date: 14/03/2023

To
General Manager,
Vasantdada Sugar Institute,
Manjari, PUNE

Sub: - Request for permission to visit your organization...

Respected Sir

As a part of educational tour, M. Sc. I Microbiology students [52] from our college accompanied by two faculty members, wish to visit your reputed organization on 17th March, 2023

I request you to grant the permission for visit.

Thanking You. Sir,

Regards

your college students

visited VSI, Pune &

seen/discussed activities of

Institute on 03-23

Principal,
Yashwantrao Chavan College
of Science, Karad

Principal
Yashwantrao Chavan College
of Science, Karad.



BJS
B. J. Tanwar

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF MICROBIOLOGY

M. Sc. I – Study tour

Date: - 15/03/2023

The students of M. Sc. I (Microbiology) are hereby informed that one day study tour in Microbiology is arranged to Vasantdada Sugar Institute, Manjari, Pune and National Research Centre for Grapes, Pune on **17th March, 2023**. All should remain present in college near Microbiology department at **05.00 a.m.**

All should come with Identity Card, Notebook, and pen. Study tour is **compulsory** as per university syllabus.

All concerned should note and follow.



A handwritten signature in blue ink, appearing to be "A. J. ...".

A handwritten signature in blue ink above the title.

HEAD
DEPARTMENT OF MICROBIOLOGY

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.
Study tour 2022 - 23

- 1) **Name of the Department** :- Microbiology
- 2) **Class & Subject for which** :- M. Sc. Part I Microbiology
- Tour is arranged**
- 3) **No. of Students accompanying** :- 52
- 4) **Place of visits and approximate** :-
Distance of traveling :- 175 Km. + 175 Km.
Place :- PUNE
Total Distance :- 350 km. (approx)
- 5) **Date of departure and arrival** :- 17th March, 2023
- a) **Departure from Karad** :- 6.00 a.m.
- b) **Arrival at Manjari Pune** :- 10.00 a.m.
- c) **Visit to Vasantdada Sugar Ist.:-** 10.00 a.m. to 12.30 p.m.
- d) **Lunch Break** :- 12.30 p.m. to 1.30 p.m.
- e) **Visit to National Research** :- 2.30 p.m. to 5.30 p.m.
Center for Grapes
- f) **Departure from Pune** :- 6.00 p.m.
- g) **Arrival at Karad** :- 10.00 p.m.
- 6) **Mode of Journey** :- Private Hired Bus Vehicle
- 7) **Name of the Staff** :- Dr. A. A. Raut
Miss. K. A. Yadav
- 8) **Name of non-teaching** :- None
staff accompanying tour



(Tour in-charge)





HEAD
DEPARTMENT OF MICROBIOLOGY


Principal
Yashwantrao Chavan College
of Science, Karad.

Yashwantrao Chavan College of Science, Karad
Department of Microbiology
M.Sc. I Study tour 2022-23
Students and Staff List
Study tour to Hadapsar, Manjari.

Sr. No.	Roll No.	Name of the student	Signature
1	4001	Barapatre Yash Sandesh	
2	4002	Bhade Aadesh Rajendra	
3	4003	Desai Abhishek Sanjay	
4	4004	Desai Vinayak Ravindra	
5	4005	Gawali Shubhangi Ramchandra	
6	4006	Ghaste Trushanti Pratap	
7	4007	Gurav Mayuri Manohar	
8	4008	Gurav Ruchita Krishnat	
9	4009	Jadhav Dhairya Dhanaji	
10	4010	Jadhav Saloni Balu	
11	4011	Jadhav Shubham Dattatray	
12	4012	Kale Avishkar Mohan	
13	4013	Kavade Shubham Chandrakant	
14	4014	Khot Ashwini Shivaji	
15	4015	Lavate Shubham Annaso	
16	4016	Mali Shailaja S.	
17	4017	Mane Gokarna Balu	
18	4018	Patil Shamita Shital	
19	4019	Patil Shweta Santosh	
20	4020	Pawar Nageshwari Vikas	
21	4021	Powar Phulabai Prakash	
22	4022	Sagare Pallavi Arvind	
23	4023	Sakhalkar Veda Sunil	
24	4024	Salwankar Siddhi Dhananjay	
25	4025	Sawant Saniya Rajvardhan	
26	4026	Yadav Namrta Rajendra	
27	4027	Bhambure Gauri Raghunath	
28	4028	Bhingardeve Kajal Guntant	
29	4029	Bhokare Shraddha Rajaram	
30	4030	Bhosale Sakshi Rajendra	
31	4031	Dukkurwadkar Mayuri Krushna	
32	4032	Gaikwad Pranali Babaso	
33	4033	Gaikwad Vaishnavi Santosh	
34	4034	Gurav Prakash Sunil	
35	4035	Gurav Swapnali Vijay	
36	4036	Honmore Amit Prakash	
37	4037	Jadhav Mithali Bhargav	
38	4038	Jadhav Rutuja Ravindra	
39	4039	Jadhav Shraddha Rajaram	
40	4040	Jawale Renuka Dipak	
41	4041	Kadam Akanksha Rajaram	
42	4042	Kadam Shilpa Prakash	
43	4043	Khedekar Sharayu Vivek	
44	4044	Kolekar Nivedita Ankush	
45	4045	Kumbhar Neha Subhash	
46	4046	Mahadik Priyanka Tulshiram	
47	4047	Nikam Aditi Anandrao	
48	4048	Patil Neha Mohan	
49	4049	Patil Snehal Maruti	
50	4050	Patil Vaishnavi Suresh	
51	4051	Sonavane Komal Dinkar	
52	4052	Ubale Vikrant Vinod	
		Dr. A. A. Raut (Teaching Staff)	
		Miss. K. A. Yadav (Teaching Staff)	

Principal
Yashwantrao Chavan College of
Science, Karad.



Department of Microbiology
M. Sc. I Study tour 2022-23
UNDERTAKING

Date: - 14/03/2023

We the undersigned students of M. Sc. I (Microbiology) travelling in the study tour (as per syllabus) on our own risk. Further we declare that, we will follow the time schedule, maintain the discipline and obey the orders of the in charge of the study tour throughout the tour.

Sr. No.	Roll No.	Name of the student	Mob. No. of Student	Mob. No. of Parents	Student Sign.
1	4001	Barapatre Yash Sandesh	9518384937	7798620857	<i>Yash</i>
2	4002	Bhade Aadesh Rajendra	7666556578	9699853591	<i>Aadesh</i>
3	4003	Desai Abhishek Sanjay	8637733687	9960788575	<i>Abhishek</i>
4	4004	Desai Vinayak Ravindra	8380014903	9763866180	<i>Vinayak</i>
5	4005	Gawali Shubhangi Ramchandra	7058210457	7756069688	<i>Shubhangi</i>
6	4006	Ghaste Trushanti Pratap			
7	4007	Gurav Mayuri Manohar	9284236184	7387482352	<i>Mayuri</i>
8	4008	Gurav Ruchita Krishnat	7499746957	7040559672	<i>Ruchita</i>
9	4009	Jadhav Dhairya Dhanaji			
10	4010	Jadhav Saloni Balu	9359193823	8668635816	<i>Saloni</i>
11	4011	Jadhav Shubham Dattatray	9766585826	9096766564	<i>Shubham</i>
12	4012	Kale Avishkar Mohan	7058865707	9403225777	<i>Avishkar</i>
13	4013	Kavade Shubham Chandrakant	8554033694	9420675676	<i>Shubham</i>
14	4014	Khot Ashwini Shivaji	9434423010	8972037401	<i>Ashwini</i>
15	4015	Lavate Shubham Annaso	7558387470	9403401160	<i>Shubham</i>
16	4016	Mali Shailaja S.	7057222192	7798309865	<i>Shailaja</i>
17	4017	Mane Gokarna Balu	9284073008	9767898616	<i>Gokarna</i>
18	4018	Patil Shamita Shital	9595012271	9420351705	<i>Shamita</i>
19	4019	Patil Shweta Santosh	9772982294	9975334832	<i>Shweta</i>
20	4020	Pawar Nageshwari Vikas	8956292738	7507012236	<i>Nageshwari</i>
21	4021	Powar Phulabai Prakash	8378875483	7350575872	<i>Phulabai</i>
22	4022	Sagare Pallavi Arvind	7035687070	9552617407	<i>Pallavi</i>
23	4023	Sakhalkar Veda Sunil	8806942308	7498141840	<i>Veda</i>
24	4024	Salwankar Siddhi Dhananjay	8999943533	8482907546	<i>Siddhi</i>
25	4025	Sawant Saniya Rajvardhan	8888904112	9822087386	<i>Saniya</i>
26	4026	Yadav Namrta Rajendra	9284396752	9370804885	<i>Namrta</i>
27	4027	Bhambure Gauri Raghunath	8484085255	9011332344	<i>Gauri</i>
28	4028	Bhingardeve Kajal Gunvant	9158448768	8108947815	<i>Kajal</i>
29	4029	Bhokare Shraddha Rajaram	9022524042	9921572638	<i>Shraddha</i>
30	4030	Bhosale Sakshi Rajendra	7249678715	9923303156	<i>Sakshi</i>
31	4031	Dukkurwadkar Mayuri Krushna	9356518187	9834694971	<i>Mayuri</i>
32	4032	Gaikwad Pranali Babaso	7028356336	7745056336	<i>Pranali</i>
33	4033	Gaikwad Vaishnavi Santosh	9307638738	9561563282	<i>Vaishnavi</i>
34	4034	Gurav Prakash Sunil			
35	4035	Gurav Swapnali Vijay	8999382254	7350576007	<i>Swapnali</i>
36	4036	Honmore Amit Prakash	7249758714	8788233835	<i>Amit</i>



Principal
A. S. Chavan
College of Science, Karad.

37	4037	Jadhav Mithali Bhargav	9307033979	9765324563	M.B.Jadhav
38	4038	Jadhav Rutuja Ravindra	7028871679	7385788629	Jadhav
39	4039	Jadhav Shraddha Rajaram	8329275037	8788088880	Jadhav
40	4040	Jawale Renuka Dipak	8329600315	8459493883	Jawale
41	4041	Kadam Akanksha Rajaram	9130701349	9623170011	Kadam
42	4042	Kadam Shilpa Prakash	8304878036	9288808036	Kadam
43	4043	Khedekar Sharayu Vivek	7588311377	9359211551	Khedekar
44	4044	Kolekar Nivedita Ankush	9172104241	9850910881	Kolekar
45	4045	Kumbhar Neha Subhash			
46	4046	Mahadik Priyanka Tulshiram			
47	4047	Nikam Aditi Anandrao	9834703498	9822143220	Nikam
48	4048	Patil Neha Mohan	9545936949	9689583115	Patil
49	4049	Patil Snehal Maruti	8408036898	7875591065	Patil
50	4050	Patil Vaishnavi Suresh	9146029077	9637360179	Patil
51	4051	Sonavane Komal Dinkar	7709519800	9403949100	Sonavane
52	4052	Ubale Vikrant Vinod	9307194795	9699260109	Ubale



HEAD
DEPARTMENT OF MICROBIOLOGY

Principal
Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DATE:	REF. NO.: YCCSK/LAB/F –
PAGE :	REV. NO.: 00

STUDY TOUR REPORT

Year 2022-2023

CLASS: M. Sc. I Microbiology

TOTAL NUMBER OF STUDENTS: 52

DATES OF STUDY TOUR: 17th March, 2023

PLACES OF VISIT: 1) Vasantdada Sugar Institute, Manjari, Pune
2) National Research Centre for Grapes, Manjari, Pune

MODE OF JOURNEY: Private Vehicle (Bus Hired from Private Agency)


NAMES OF THE TEACHERS ACCOMPANYING: 1) Dr. A. A. Raut
2) Miss. K. A Yadav

DATE & TIME OF DEPARTURE FROM KARAD: 17th March, 2023; 06.00 a.m.

DATES & PLACES OF VISIT:

DATE OF VISIT	PLACE OF VISIT	HIGHLIGHTS OF VISIT
17 th March, 2023 (10.0 a.m. to 12.30 p.m.)	Vasantdada Sugar Institute, Manjari, Pune	Students gained knowledge about the technologies used in the research of sugar.
17 th March, 2023 (12.30 p.m. to 01.30 p.m.)	National Research Centre for Grapes, Manjari, Pune	Students gained knowledge about the technologies used in the research of grapes.

DATE & TIME OF ARRIVAL AT KARAD: 17th March, 2023; 10.00 p.m.


Teacher in-charge




Head of the Department

HEAD
DEPARTMENT OF MICROBIOLOGY


Principal
Yashwantrao Chavan College
of Science, Karad.

Estd. 1958

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Shri Shivaji Education Society Karad, Board For Higher Education's

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, KARAD - 415 124 Dist. Satara (Maharashtra)

☎ 02164 - 271356, Fax : 02164-271356, e-mail : ychavan@bsnl.in, prinyccsk@gmail.com

Reaccredited B Level by NAAC, Bangalore

AN ISO 9001-2008 CERTIFIED COLLEGE REG. NO. : RQ91/5237



Ref. No. 1444/2022-23

Date: 14/03/2023

To
General Manager,
Vasantdada Sugar Institute,
Manjari, PUNE

Sub: - Request for permission to visit your organization...

Respected Sir

As a part of educational tour, B.Sc. III Microbiology students [52] from our college accompanied by two faculty members, wish to visit your reputed organization on 17th March, 2023

I request you to grant the permission for visit.

Thanking You.

Regards

Sir,
Your college students visited VSI,

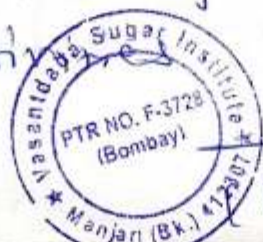
Pune on 17-03-23 &

taken information of

a ch

Principal,

Yashwantrao Chavan College
of Science, Karad



BJS
B. J. Jarkar



Estd. 1958

|| Be One with the downtrodden and the underprivileged ||
Shri Shivaji Education Society Karad, Board For Higher Education's

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, KARAD - 415 124 Dist. Satara (Maharashtra)

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Reaccredited B Level by NAAC, Bangalore

AN ISO 9001-2008 CERTIFIED COLLEGE REG. NO. : RQ91/5237

Ref.No.1445/2022-23

Date: 14/03/2023

To
The Director,
National Research Centre for Grapes,
Manjari, PUNE

Sub: - Request for permission to visit your organization...

Respected Sir

As a part of educational tour, B.Sc. III Microbiology students [52] from our college accompanied by two faculty members, wish to visit your reputed organization on 17th March, 2023

I request you to grant the permission for visit.

Thanking You.

Regards

Sir,
your college students visited NRCG -
Pune on 17-03-23 & taken informations
of activities of Institute.

Principal,
Yashwantrao Chavan College
of Science, Karad

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF MICROBIOLOGY

B. Sc. III – Study tour

Date: - 15/03/2023

The students of B. Sc. III (Microbiology) are hereby informed that one day study tour in Microbiology is arranged to Vasantdada Sugar Institute, Manjari, Pune and National Research Centre for Grapes, Pune on **17th March, 2023**. All should remain present in college near Microbiology department at **05.00 a.m.**

All should come with Identity Card, Notebook, and pen. Study tour is **compulsory** as per university syllabus.

All concerned should note and follow.



Principal
Yashwantrao Chavan College
of Science, Karad.


HEAD
DEPARTMENT OF MICROBIOLOGY

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.
Study tour 2022 - 23

- 1) **Name of the Department** :- Microbiology
- 2) **Class & Subject for which** :- B.Sc. Part III Microbiology
- Tour is arranged**
- 3) **No. of Students accompanying** :- 52
- 4) **Place of visits and approximate** :-
- Distance of traveling** :- 175 Km. + 175 Km.
- Place** :- PUNE
- Total Distance** :- 350 km. (approx)
- 5) **Date of departure and arrival** :- 17th March, 2023
- a) **Departure from Karad** :- 6.00 a.m.
- b) **Arrival at Manjari Pune** :- 10.00 a.m.
- c) **Visit to Vasantdada Sugar Ist.:-** 10.00 a.m. to 12.30 p.m.
- d) **Lunch Break** :- 12.30 p.m. to 1.30 p.m.
- e) **Visit to National Research** :- 2.30 p.m. to 5.30 p.m.
Center for Grapes
- f) **Departure from Pune** :- 6.00 p.m.
- g) **Arrival at Karad** :- 10.00 p.m.
- 6) **Mode of Journey** :- Private Hired Vehicle
- 7) **Name of the Staff** :- Dr. J. U. Patil
Shri. K. A. Sutar
- 8) **Name of non-teaching** :- None
staff accompanying tour


(Tour in-charge)




HEAD
DEPARTMENT OF MICROBIOLOG


Principal
Yashwantrao Chavan College
of Science, Karad.

Yashwantrao Chavan College of Science, Karad
 Department of Microbiology
 B.Sc. III Study tour 2022-23
 Students List & Staff List
 Study tour to Pune (Hadapsar, Manjari)

Sr. No.	Roll No.	Name of the student	Signature	
1	3201	ATTAR SAHIL GAFUR		
2	3202	BANSODE NIHAR RANINDRA		
3	3203	BARGE NIKITA SHIVAJI		
4	3204	BHISE NIKITA ANIL		
5	✓ 3205	CHAVAN SANIKA MAHESH	<i>Snika</i>	P
6	✓ 3206	CHAVAN TEJAS ADHIKRAO	<i>Tejas</i>	P
7	✓ 3207	CHAVAN VISHAKHA SATISH	<i>Chavara.</i>	P
8	✓ 3208	CHOUGULE ARYAN RAJKUMAR	<i>Aryant</i>	
9	3209	DESAI SANGRAM UDAY		
10	3210	DHEKALE KAJAL ANIL		
11	✓ 3211	DHUKATE SOMNATH SANJAY	<i>Somnath</i>	
12	✓ 3212	DUBAL SANIKA NITIN	<i>SDubal</i>	P
13	✓ 3213	HANKARE PRATHAMESH ANIL	<i>Prath</i>	
14	✓ 3214	JADHAV PRAJKTA DHANAJI	<i>Prajakta</i>	P
15	3215	JADHAV PRITI SHIVAJI		
16	3216	JADHAV SANIKA HANMANT		
17	✓ 3217	JADHAV TEJASWINI SUDHAKAR	<i>Tejhas</i>	P
18	✓ 3218	JADHAV VEDANTIKA BABANRAO	<i>Vedantika</i>	P
19	✓ 3219	JAMBHALE SANSKRUTI SHUBHASH	<i>Shubhash</i>	P
20	✓ 3220	KADAM SAYALI JAGANNATH	<i>SKadam.</i>	P
21	✓ 3221	KADAM SUYASH BALASAHEB	<i>Suyash</i>	P
22	✓ 3222	KALE KIRAN SURESH	<i>SKale</i>	P
23	3223	KANASE SEJAL JALINDAR		
24	✓ 3224	KARPE DHANASHRI MAHADEV	<i>Dhanasha</i>	P
25	3225	KATEKAR SWAPNALI PANDURANG		
26	✓ 3226	KHOT PRACHI RAJENDRA	<i>Prachi</i>	P
27	✓ 3227	KULKARNI SATLAJ GANESH	<i>Satulkarni</i>	P
28	3228	MAHAJAN SHUBHAM SHIVAJI		
29	3229	MALI SHUBHAM ADHIKRAO		



[Signature]
 Principal
 Yashwantrao Chavan College
 of Science, Karad.

30	3230	MANE KALYANI DHANAJI	<i>Mane</i>	P
31 ✓	3231	MANE RAKESH VIJAY	<i>Mane</i>	P
32	3232	MOHITE AKASH SUNIL	<i>Mohite</i>	
33 ✓	3233	MULLA AFRIN CHAND	A.c.mulla	
34 ✓	3234	NIGAVE SAURABH SHASHIKANT	<i>Nigave</i>	P
35 ✓	3235	NIKAM SNEHAL SAMPAT	<i>Nikam</i>	P
36 ✓	3236	PATIL AMRUTA BHAGWAN	<i>Patil</i>	P
37 ✓	3237	PATIL RAJNANDINI ARUN	<i>Patil</i>	P
38 ✓	3238	PATIL SHIVANI BAJIRAO	<i>Patil</i>	
39	3239	PAWAR OMKAR SAMBHAJI		
40 ✓	3240	PAWAR SRUSHTI VITTHAL	<i>Pawar</i>	P
41	3241	PAWAR TEJASWI RAGHUNATH		
42 ✓	3242	POL RUTUJA SUBHASH	<i>Pol</i>	P
43 ✓	3243	SANKPAL SANIKA MANSING	<i>Sankpal</i>	P
44 ✓	3244	SANKPAL VAISHNAVI SANTOSH	<i>Sankpal</i>	P
45	3245	SAWANT EKNATH CHANDRAKANT		
46 ✓	3246	SHEWALE PRIYANKA KASHINATH	<i>Shewale</i>	P
47 ✓	3247	SHEWALE SWATI ASHOK	<i>Shewale</i>	P
48 ✓	3248	SHINDE RUTURAJ ANANDA	<i>Shinde</i>	P
49 ✓	3249	SHINDE SHIVANJALI BHASKAR	<i>Shinde</i>	P
50 ✓	3250	SHINDE SHIVRAJ BHASKAR	<i>Shinde</i>	
51	3251	SHINDE SHUBHAM NATH		
52	3252	WAYADANDE SHUBHAM PANDHARINATH	<i>Wayadande</i>	
53 ✓	3253	PATIL HARSHADA VISHWAS	<i>Patil</i>	
		Dr. J. U. Patil (Teaching Staff)	<i>J. U. Patil</i>	
		Mr. K. A. Sutar (Teaching Staff)	<i>K. A. Sutar</i>	



HEAD
DEPARTMENT OF MICROBIOLOGY

[Signature]
Principal
Yashwantrao Chavan College
of Science, Karad.

Department of Microbiology
B.Sc. III Study tour 2022 - 23
UNDERTAKING

Date: - 14/03/2023

We the undersigned students of B.Sc. III (Microbiology) travelling in the study tour (as per syllabus) on our own risk. Further we declare that, we will follow the time schedule, maintain the discipline and obey the orders of the in charge of the study tour throughout the tour.

Sr. No.	Roll No.	Name of the student	Mob. No. of Student	Mob. No. of Parents	Student Sign.
1	3201	ATTAR SAHIL GAFUR			
2	3202	BANSODE NIHAR RANINDRA			
3	3203	BARGE NIKITA SHIVAJI			
4	3204	BHISE NIKITA ANIL			
5	3205	CHAVAN SANIKA MAHESH	7285057343	9822944688	<i>Saha</i>
6	3206	CHAVAN TEJAS ADHIKRAO	7498717395	7057660320	<i>Tej</i>
7	3207	CHAVAN VISHAKHA SATISH	8007352480	9822373787	<i>Chavan</i>
8	3208	CHOUGULE ARYAN RAJKUMAR	9356467677	9604638697	<i>Chougule</i>
9	3209	DESAI SANGRAM UDAY			
10	3210	DHEKALE KAJAL ANIL			
11	3211	DHUKATE SOMNATH SANJAY	878883061	9011121366	<i>Somnath</i>
12	3212	DUBAL SANIKA NITIN	9607892016	9607892016	<i>S Dubal</i>
13	3213	HANKARE PRATHAMESH ANIL	7058254011	9970726171	<i>Prath</i>
14	3214	JADHAV PRAJKTA DHANAJI	9356423542	8420999307	<i>Prajakta</i>
15	3215	JADHAV PRITI SHIVAJI			
16	3216	JADHAV SANIKA HANMANT			
17	3217	JADHAV TEJASWINI SUDHAKAR			
18	3218	JADHAV VEDANTIKA BABANRAO	9767956377	9881466362	<i>VB Chavan</i>
19	3219	JAMBHALE SANSKRUTI SHUBHAM	9561812159	7218410100	<i>Sanskruti</i>
20	3220	KADAM SAYALI JAGANNATH	9370646096	9702239677	<i>S Kadam</i>
21	3221	KADAM SUYASH BALASAHEB	9359618172	9960755364	<i>S Kadam</i>
22	3222	KALE KIRAN SURESH	7559482705	8857973140	<i>K Kale</i>
23	3223	KANASE SEJAL JALINDAR			
24	3224	KARAPE DHANASHRI MAHADEV	7620036881	9325544012	<i>K Karape</i>
25	3225	KATEKAR SWAPNALI PANDURANG			
26	3226	KHOT PRACHI RAJENDRA	8446228470	8767209696	<i>P Khot</i>
27	3227	KULKARNI SATLAJ GANESH	7720079128	9604935837	<i>S Kulkarni</i>



(Signature)
Principal
Yashwantrao Chavan College
of Science, Karad.

28	3228	MAHAJAN SHUBHAM SHIVAJI			
29	3229	MALI SHUBHAM ADHIKRAO			
30	3230	MANE KALYANI DHANAJI			
31	3231	MANE RAKESH VIJAY	9359737410	8605116095	<i>[Signature]</i>
32	3232	MOHITE AKASH SUNIL	9529743772	9834343309	<i>[Signature]</i>
33	3233	MULLA AFRIN CHAND	8888982480	9822847016	A.C. Mullu
34	3234	NIGAVE SAURABH SHASHIKANT	9579946707	8805342131	<i>[Signature]</i>
35	3235	NIKAM SNEHAL SAMPAT	9910819382	8625960876	Nikam
36	3236	PATIL AMRUTA BHAGWAN	9579810213	9823679276	Patil
37	3237	PATIL RAJNANDINI ARUN	9132323691	7756954012	Patil
38	3238	PATIL SHIVANI BAJIRAO	9385902805	9995581713	
39	3239	PAWAR OMKAR SAMBHAJI			
40	3240	PAWAR SRUSHTI VITTHAL	9834561307	9922340797	Spawar
41	3241	PAWAR TEJASWI RAGHUNATH			
42	3242	POL RUTUJA SUBHASH	8459740902	8600895321	<i>[Signature]</i>
43	3243	SANKPAL SANIKA MANSING	9130801225	9284677310	Sul
44	3244	SANKPAL VAISHNAVI SANTOSH	9579598658	8796075636	U.Sankpal
45	3245	SAWANT EKNATH CHANDRAKANT			
46	3246	SHEWALE PRIYANKA KASHINATH			
47	3247	SHEWALE SWATI ASHOK	7276941976	8390428030	Rucutt
48	3248	SHINDE RUTURAJ ANANDA	8010309650	9975879911	Shinde
49	3249	SHINDE SHIVANJALI BHASKAR	8080134519	8010454462	Shinde
50	3250	SHINDE SHIVRAJ BHASKAR	7350304140	8010454462	<i>[Signature]</i>
51	3251	SHINDE SHUBHAM NATH			
52	3252	WAYADANDE SHUBHAM PANDHARINATH	721915181	9326112404	Wayadande
53	3253	PATIL HARSHADA VISHWAS	9561403384	7770058342	Patil



[Signature]
HEAD
DEPARTMENT OF MICROBIOLOG

[Signature]
Principal
Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DATE:	REF. NO.: YCCSK/LAB/F -
PAGE :	REV. NO.: 00

STUDY TOUR REPORT

Year 2022-2023

CLASS: B. Sc. III Microbiology

TOTAL NUMBER OF STUDENTS: 52

DATES OF STUDY TOUR: 17th March, 2023

PLACES OF VISIT: 1) Vasantdada Sugar Institute, Manjari, Pune
2) National Research Centre for Grapes, Manjari, Pune

MODE OF JOURNEY: Private Vehicle (Bus Hired from Private Agency)

NAMES OF THE TEACHERS ACCOMPANYING: 1) Dr. J. U. Patil
2) Mr. K. A. Sutar

DATE & TIME OF DEPARTURE FROM KARAD: 17th March, 2023; 06.00 a.m.

DATES & PLACES OF VISIT:

DATE OF VISIT	PLACE OF VISIT	HIGHLIGHTS OF VISIT
17 th March, 2023 (10.0 a.m. to 12.30 p.m.)	Vasantdada Sugar Institute, Manjari, Pune	Students gained knowledge about the technologies used in the research of sugar.
17 th March, 2023 (12.30 p.m. to 01.30 p.m.)	National Research Centre for Grapes, Manjari, Pune	Students gained knowledge about the technologies used in the research of grapes.

DATE & TIME OF ARRIVAL AT KARAD: 17th March, 2023; 10.00 p.m.

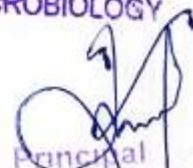


Teacher in-charge



Head of the Department

HEAD
DEPARTMENT OF MICROBIOLOGY



Principal
Yashwantrao Chavan College
of Science, Karad.




Visit of B.Sc. III and M.Sc. I Year Students to

Vasantdada Sugar Institute, Manjari, Pune

National Research Centre for Grapes, Manjari, Pune




Principal
Yashwantrao Chavan College
of Science, Karad.


YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD
DEPARTMENT OF MICROBIOLOGY

Field Visit/Study Tour Report
Academic Year (2022-23)


REPORT

Name of the activity:	Vasantdada Sugar Institute, Manjari, Pune National Research Centre for Grapes, Manjari, Pune
Date	17 th March 2023
Purpose of Program	To enhance students' interest and awareness of sugarcane varieties, diseases, and pests, as well as to acquire knowledge about research on safe grape production and methods to increase productivity, including microbial diseases in grapes.
Study Tour Incharge	Dr. A.A Raut
Total Beneficiaries	52 B.Sc.III and 52 M.Sc. I Year Students
No. of Teachers Participated	04
Program outcomes	Students learned various techniques used in sugarcane research and became aware of the different varieties of sugarcane and various microbial diseases affecting sugarcane. Additionally, students were made aware of different issues in sugarcane crop development, and ongoing research is being conducted to address these issues. Students acquired knowledge about strategic and applied research concerning safe grape production and methods to enhance productivity.




Tour Incharge




Head of the Department

HEAD
DEPARTMENT OF MICROBIOLOGY

Principal
Yashwantrao Chavan College
of Science, Karad

2/11/23, 12:22 PM

Gmail - Permission for Industrial visit

com>; Reema Bhosale <Reema.Bhosale@gadremarine.com>

Subject: FW: Request letter for Educational Tour of Yashwantrao Chavan College of Science, Karad

Dear Sanjay,

Kindly send mail today.

Regards

Rajendra Pawar.

A.G.M. – HR

GADRE MARINE EXPORT PVT. LTD.

Plot No. FP-1, M.I.D.C., Mirjole Block,
Ratnagiri - 415 639, Maharashtra, India.

Ph. No. +91 2352 231600

Direct +91 2352 231632

Mobile +91 9158008960



From: Kishor Sutar <sutar14487@gmail.com>

Sent: Monday, February 6, 2023 10:40 AM

To: Rajendra Pawar <Rajendra.Pawar@gadremarine.com>

Subject: Request letter for Educational Tour of Yashwantrao Chavan College of Science, Karad

You don't often get email from sutar14487@gmail.com. Learn why this is important

To,
Manager,
Human Resources,
Gadre Marine Export private ltd.,
Mirjole, Ratnagiri

Respected sir,

As part of their curricular requirement, our M. Sc. part II Microbiology 52 students accompanied by their teachers wish to visit your reputed industry on 17th February, 2023 in the Morning 11.30 am

I request to grant the permission for visit.

Thanking you,

A handwritten signature in blue ink, appearing to be "Kishor Sutar".

Principal
Yashwantrao Chavan College
of Science, Karad.



Regards,

Kishor A. Sutar

Assistant Professor,

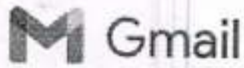
Department of Microbiology,

Yashwantrao Chavan College of Science, Karad.

----- DISCLAIMER ----- This message and any included attachments are from Gadre Marine Export Pvt. Ltd. and are intended only for the addressee. The information contained in this message is confidential and subject to copyright. If you are not the intended recipient, any use, interference with, disclosure or copying of this material is unauthorized and prohibited. No part may be reproduced, adapted or transmitted without the written permission of the copyright owner. If you have received this email in error, please immediately advise the sender by return email and delete the message from your system. Before opening or using attachments, check for viruses and defects. Our liability is limited to re-supplying any affected attachments.



Principal
Yashwantrao Chavan College
of Science, Karad.



Kishor Sutar <sutar14487@gmail.com>

Permission for Industrial visit

1 message

Sanjay More <Sanjay.More@gadremarine.com>
To: Kishor Sutar <sutar14487@gmail.com>
Cc: Rajendra Pawar <Rajendra.Pawar@gadremarine.com>

Tue, Feb 7, 2023 at 4:00 PM

Dear Sir,

We are pleased to know that your students are interested for industrial visit to our organization. Our management is decided to grant permission to visit our plant on **17 February 2023** for an educational purpose.

As per our company rules, photography is not allowed and smoking, chewing tobacco and such tobacco products, betel leaf are strictly prohibited in company premises.

With Regards

Sanjay More

DY. MANAGER – HR

Gadre Marine Export Pvt. Ltd

Tel No :-02352-231657

Cell No:-9421229318




Principal
Yashwantrao Chavan College
of Science, Karad.

From: Rajendra Pawar <Rajendra.Pawar@gadremarine.com>

Sent: 06 February 2023 11:03

To: Sanjay More <Sanjay.More@gadremarine.com>; Samiksha Rewale <Samiksha.Rewale@gadremarine.com>

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF MICROBIOLOGY

M. Sc. II – Study tour

Date: - 14/02/2023

The students of M. Sc. II (Microbiology) are hereby informed that Two day study tour in Microbiology is arranged to Gadre marine export pvt. Ltd., Ratnagiri and Sugar Research Centre, Napane, Sindhudurg on **17th and 18th February, 2023**. All should remain present in college near Microbiology department at **05.00 a.m.** on 17th February, 2023.

All should come with Identity Card, Notebook and pen. Study tour is **compulsory** as per university syllabus.

All concerned should note and follow.





HEAD
DEPARTMENT OF MICROBIOLOGY

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Study tour 2022 – 2023


Programme of Tour

- 1) **Name of the Department** :- Microbiology
- 2) **Class & Subject for which** :- M. Sc. Part II Microbiology
Tour is arranged
- 3) **No. of Students accompanying** :- 52
- 4) **Place of visits and approximate** :- Ratnagiri and Malvan
Distance of traveling :- 309 Km. + 309 Km.
Place :- Karad- Ratnagiri – Malvan - Karad
Total Distance :- 618 km. (approx)
- 5) **Date of departure** :- 17th February, 2023
 - a) Departure from Karad :- 6.00 a.m.
 - b) Arrival at Ratnagiri :- 11.30 a.m.
 - c) Visit to Gadre Marine Industry :- 10.00 a.m. to 12.30 p.m.
 - d) Lunch Break :- 12.30 p.m. to 1.30 p.m.
 - e) Departure from Ratnagiri to Malvan :- 2.30 p.m. to 5.30 p.m.
 - f) Arrival at Malvan :- 6.00 p.m.
 - g) Stay at Malvan :- overnight
 - h) Visit to Prawn Culture :- 10.00 a. m.
 - i) Lunch Break :- 12.30 p.m. to 1.30 p.m.
 - j) Departure from Malvan :- 3.30 pm
 - k) Arrival to Karad :- 10.00 pm on 18th February, 2023
- 6) **Mode of Journey** :- Hired Vehicle
- 7) **Name of the Staff** :- Dr. A. A. Raut
Shri. K. A. Sutar
Miss. S. A. Lohar
- 8) **Name of non-teaching** :- None
staff accompanying tour


(Tour in-charge)




HEAD
DEPARTMENT OF MICROBIOLOGY


Principal
Yashwantrao Chavan College
of Science, Karad.

दि. 9/02/2023

प्रति,

डॉ. बाबालादेव सावंत कोकण
कृषी विद्यापीठ अंतर्गत
कृष संशोधन केंद्र,
नापेण ता. वैभववाडी
जि. सिंधुदुर्ग

विषय :- शैक्षणिक सहलीसाठी परवानगी
अभिप्रेत...

महोदय,

वरील विषयास अनुषंगाने आपणांस
विनंती करते की, सदरच्या कृष संशोधन
केंद्राबाबत एम. एस्. सी भाग २ च्या विद्यार्थ्यांना
मागदर्शने करावे.
एकूण ५२ विद्यार्थी व ३ स्टाफ फोडे.

कळवे ही विनंती

आपला विश्वासू

Dr. A. A. Raut
Assistant Professor
Department of Microbiology
Yashwantrao Chavan College
of Science, Karad.

Dr. A. A. Raut
अभिप्रेत करिता आनंद
मिठी देऊ या परिसर
प्रकार.
म. संशोधन केंद्र
म. वैभववाडी
जि. सिंधुदुर्ग
म. नं. १५२२२६०२९



Principal
Yashwantrao Chavan College
of Science, Karad.

Department of Microbiology
M. Sc. II Study tour 2022-23
UNDERTAKING

Date: - 16/02/2023

We the undersigned students of M. Sc. II (Microbiology) travelling in the study tour (as per syllabus) on our own risk. Further we declare that, we will follow the time schedule, maintain the discipline and obey the orders of the incharge of the study tour throughout the tour.

Sr. No.	Roll No.	Name of the student	Mob. No. of Student	Mob. No. of Parents	Student Sign.
1	5001	Ayare Shrutika Umesh	9405681847	8275795873	Shrutika
2	5002	Bhise Savita Baban	7066698095	9604614356	Bhise
3	5003	Budhawale Prashant Navnath	999158263	84080244	Prashant
4	5004	Chavan Gayatri Shivanand	7507528727	8766967315	G. Chavan
5	5005	Etam Pranjal Prakash	9921516575	8830748593	Etam
6	5006	Hasole Prasad Bajarang	7798761171	8149761908	Hasole
7	5007	Haware Pooja Shashikant	7499967113	9579381279	Pooja
8	5008	Ingale Darshan Dadasaheb	9146152709	9860018108	Ingale
9	5009	Jadhav Bharati Vasant	9607439491	9689029334	Bharati
10	5010	Kadam Prathmesh Prakash	8605983661	8888367669	Prathmesh
11	5011	Kambale Mayuri Ananda	8177902750	9850337280	Mayuri
12	5012	Kamble Arundhati Avinash	9075128664	9422048430	Arundhati
13	5013	Kavade Radhika Rahul	8237092700	9370002700	RR Kavade
14	5014	Kharat Samadhan Anil	8459091138	8530314642	Kharat
15	5015	Magadum Pratiksha Mahipati	9545665138	904932032	Pratiksha
16	5016	Mali Pragati Bhimrao	7057502198	9623742790	Pragati
17	5017	Mali Swapnali Madhukar	9975623954	9561646866	Swapnali
18	5018	Mulani Ayesha Musa	9097627786	9767964539	Ayesha
19	5019	Nagane Shivani Dilip	9970282775	9404867974	Shivani
20	5020	Patil Abhay Bajirao	7796447008	9067596581	Abhay
21	5021	Patil Pragati Sanjay	9146406052	7218907500	Pragati
22	5022	Patil Priyanka Shrikant	9579635858	9970425068	Priyanka
23	5023	Satarmaker Tanjum Ibrahim	8857825186	9325430998	Tanjum
24	5024	Shinde Tejaswini Subhash	8459563951	9860190418	Tejaswini
25	5025	Shinde Yukta Yuvaraj	7620480754	7774064589	Yukta
26	5026	Wategaonkar Swapnali Nivrutti	9689538533	7350248533	Swapnali
27	5027	Adsul Rushikesh Sanjay	9527011923	7709881768	Rushikesh
28	5028	Ambale Vaibhavi Sagar	7249584153	8329393236	Vaibhavi
29	5029	Belekar Prasad Vishwanath	9421461493	9422118547	Belekar
30	5030	Chougale Omkar Shashikant	7028754050	9881983535	O. S. Chougale
31	5031	Deshkumkh Manasi Naresh	8080188676	8880065749	Manasi
32	5032	Gholap Monali Anil	8206389700	7020929727	Monali
33	5033	Hake Shweta Narendra	9172906755	9309130422	Shweta
34	5034	Kamble Mrunal Babaso	9112662560	9823811351	Mrunal
35	5035	Kamble Mrunali Baburav	8380895187	8805008892	Mrunali
36	5036	Koli Ganesh Rajendra	7028997228	9561576945	Ganesh



37	5037	Kumbhar Viresh Vijay	8530253188	9561560645	Kumbhar
38	5038	Mujawar Aiman Tanveer	9096463458	9960440945	Mujawar
39	5039	Munde Rameshwar Balaji	9370637508	7798419722	Munde
40	5040	Naddaf Jeenat Makasood	9021242330	9860808428	Naddaf
41	5041	Naikwadi Fiza Aftab	7020343260	9921244673	Naikwadi
42	5042	Nangare Rushikesh Anil	7758955105	9850374711	Nangare
43	5043	Patil Rajnandini Rangarao	8767242541	9423278027	Rajnandini
44	5044	Patil Saloni Mahesh	7249861495	7058705553	Patil
45	5045	Patil Shardul Abhijit	8767237855	9764476899	Patil
46	5046	Pawar Pratiksha Balasaheb	7620178068	9112027411	Pawar
47	5047	Rajegaonkar Sneha Sanjay	9623837429	9822513837	Rajegaonkar
48	5048	Sangalge Tushar Umesh	9370169608	9970094462	Sangalge
49	5049	Sangame Rutuja Mahavir	9359740842	9881507076	Sangame
50	5050	Shanbhag Vaishnavi Muralidhar	9860172343	9970739128	Shanbhag
51	5051	Tupe Rutuja Sawanta	9284486505	9975893714	Tupe
52	5052	Varute Nilam Ananda	7058525600	9527080303	Varute




HEAD
DEPARTMENT OF MICROBIOLOGY


Tour Incharge


Principal
Yashwantrao Chavan College of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DATE:	REF. NO.: YCCSK/LAB/F -
PAGE :	REV. NO.: 00

STUDY TOUR REPORT

Year 2022-2023

CLASS: M. Sc. II Microbiology

TOTAL NUMBER OF STUDENTS: 52

DATES OF STUDY TOUR: 17th February, 2023

PLACES OF VISIT: 1) Gadre Marine Industry, Ratnagiri

MODE OF JOURNEY: Private Vehicle (Bus Hired from Private Agency)

NAMES OF THE TEACHERS ACCOMPANYING: 1) Dr. A. A. Raut
2) Mr. K. A. Sutar
3) Miss. S. A. Lohar

DATE & TIME OF DEPARTURE FROM KARAD: 17th February, 2023; 06.00 a.m.

DATES & PLACES OF VISIT:

DATE OF VISIT	PLACE OF VISIT	HIGHLIGHTS OF VISIT
17 th February, 2023 (10.0 a.m. to 12.30 p.m.)	Gadre Marine Industry, Ratnagiri	Students obtained information about recent fish processing and preservation techniques accomplished in the industry.
18 th February, 2023 (10.00 a.m. to 12.30 p.m.)	Visit to Prawn Culture Malvan	Students gained information about current prawn cultivation techniques including the recent research work carried out in that institution.

DATE & TIME OF ARRIVAL AT KARAD: 18th February, 2023; 10.00 p.m.

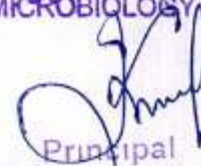


Teacher in-charge



Head of the Department

HEAD
DEPARTMENT OF MICROBIOLOGY



Principal
Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD
DEPARTMENT OF MICROBIOLOGY

Field Visit/Study Tour Report
Academic Year (2022-23)

REPORT

Name of the activity:	Study Tour to Gadre Marine Industry, Ratnagiri & Sugar Research Centre, Napane, Sindhudurg
Date	17th February 2023
Purpose of Program	Development of the interest and awareness of students about the frozen food and various methodologies. Acquire the knowledge about the current challenges in sugar crop and ongoing research.
Study Tour Inchange	Dr. A.A Raut
Total Beneficiaries	52 M.Sc. II Students
No. of Teachers Participated	03
Program outcomes	Students learned various techniques for food preservations and became aware of different frozen foods. Students were made aware of different issues in sugar cane crop development, and ongoing research is being conducted to tackle these issues.

Program Photo:-




Tour Inchange




Head of the Department

HEAD
DEPARTMENT OF MICROBIOLOGY


Principal
Yashwantrao Chavan College
of Science, Karad.

Yashwantrao Chavan College of Science, Karad

Department of Botany

REPORT

Name of the activity	Field Visit of B.Sc. III Botany Students
Day & Date	Saturday, 20/05/2023
Place of visit	Aesthetic Garden Visit
Purpose of the Program	To provide students landscaping and aesthetic garden.
No. of Students Participated	01
No. of Teachers Participated	04
Visit outcomes	The students gained valuable insights about the Aesthetic garden.



Teacher In-charge

Head

Department of Botany

Head

Department of Botany
Yashwantrao Chavan College of
Science, Karad


Principal

Principal

Yashwantrao Chavan College of Science, Karad

**Study Tour of B. Sc. Botany Students –
Aesthetic Garden Visit**




Principal
 Yashwantrao Chavan College
 of Science, Karad.

Exam No. : 42108

Roll No. 3441

LAB / F - 19

Date : 20/5/2023
2015/2023

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD



Vidyanagar, Karad - 415 124

Reaccredited at the B+ level by NAAC, Bangalore

AN ISO 9001:2015 CERTIFIED COLLEGE

Reg: RQ91/5237

JAS-ANZ



Department of Botany

CERTIFICATE OF STUDY TOUR

This is to certify that, Mr. / Miss. Mayuri Mohan Sutar

of B. Sc. Part I / II / III of academic year 2022 - 2023 has attended the study tour organized by the Department of Botany at Aesthatic garden

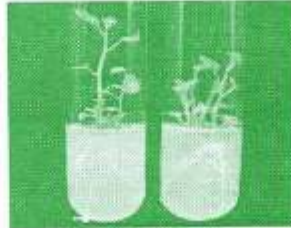
study site / Research Institute / Industry / Nursery of Educational interest on 20/5/2023


Teacher in - Charge


Examiner


**Head,
Department of Botany**

Head
Department of Botany
Yashwantrao Chavan College of
Science, Karad




Principal

Yashwantrao Chavan College of Science, Karad

Yashwantrao Chavan College of Science, Karad

Department of Botany

B.Sc. Part III

Field Visit Report

College Botanical Garden

Botanical field visit for B.Sc.III (Botany) students was arranged on Saturday, 20/05/2023 at Botanical Garden of Yashwantrao Chavan College of Science, Karad to study the different aesthetic plants of the Garden.

Botanical Garden is adjacent to the college ground and is spread over 1.5 acre of land. The garden has well drained lateritic soil which is an ideal place for the growth of plants. Number of trees, ferns, cycads, conifers, cacti, succulents, shrubs and medicinal plants has been planted in the garden. A beautiful canopy of vegetation is developed all-around garden, which helps for the conservation of humidity and cool weather by giving natural back-up.

Our interest of visit to Botanical Garden was to study the plant diversity. The botanical garden is divided into several sectors such as Fernery, Gymnosperms and Cycads, Medicinal plants, Cacti, Succulents, etc.

Sections observed in Botanical Garden are as follows -

12. Gymnosperms and cycad
13. Shrubbery
14. Endemic endangered plants
15. Trees
16. Medicinal plants
17. Aquatic plants.
18. Palms
19. Cacti and succulent plants.
20. Polyhouse
21. Bulbous plants
22. Fernery



A handwritten signature in black ink, appearing to be "S. S. Chavan".



Principal
Yashwantrao Chavan College
of Science, Karad.

GEOGRAPHY AND CLIMATE –

Locality: Botanical Garden

Coordinates: N17° 18.165 and E 74° 11.284

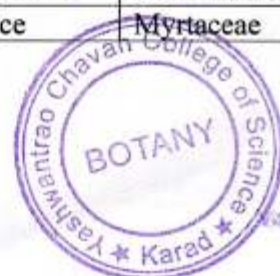
Altitude: 573 meter from mean sea level

Temperature: 20 - 36°C

Annual average rainfall: 1700-2000 mm

Important Plants observed in Botanical Garden -

Sr. No.	Botanical name	Common name	Family
Pteridophytes			
2.	<i>Nephrolepis exaltata</i> Schoot		Polypodiaceae
Gymnosperms			
9.	<i>Araucaria excelsa</i> R. Br.	Christmas tree	Araucariaceae
10.	<i>Thuja orientalis</i> L.	-	Cuperssaceae
11.	<i>Cycas circinalis</i> Roxb.	-	Cycadaceae
12.	<i>Cycas revoluta</i> Thunb.	-	Cycadaceae
13.	<i>Zamia floridiana</i> L.	-	Cycadaceae
14.	<i>Gnetum ula</i> L.	-	Gnetaceae
15.	<i>Pinus roxburghii</i> Sarger	-	Pinaceae
16.	<i>Podocarpus wallichiana</i> Prest	-	Podocarpaceae
Angiosperms			
54.	<i>Tinospora cordifolia</i> (Willd.) Miers	Gulvel	Menispermaceae
55.	<i>Nymphaea rubra</i> Roxb. ex Salisb.	Kamal	Nympheaceae
56.	<i>Bixa orellana</i> L.	Bixa	Bixaceae
57.	<i>Garcinia indica</i> Choiss	Kokam	Clusiaceae
58.	<i>Calophyllum inophyllum</i> L.	Undi	Guttiferae
59.	<i>Hibiscus rosa-sinensis</i> L.	Jaswand	Malvaceae
60.	<i>Helicteres isora</i> L.	Murudsheng	Sterculiaceae
61.	<i>Pterospermum acerifolium</i> (L.) Willd.	-	Sterculiaceae
62.	<i>Sterculia foetida</i> L.	-	Sterculiaceae
63.	<i>Aegle marmelos</i> (L.) Corr.	Bel	Rutaceae
64.	<i>Azadirachta indica</i> Juss.	Kadunimb	Meliaceae
65.	<i>Swietenia mahagoni</i> Jacq.	Mahogani	Meliaceae
66.	<i>Cissus quadrangularis</i> L.	Hadsandhi	Vitaceae
67.	<i>Butea monosperma</i> Taub	Palas	Fabaceae
68.	<i>Erythrina indica</i> Lamk.	Pangera	Fabaceae
69.	<i>Bauhinia pupurea</i> L.	Kanchan vriksh	Caesalpiniaceae
70.	<i>Caesalpinia pulcherrima</i> (L.) Sw.	Shankasur	Caesalpiniaceae
71.	<i>Cassia fistula</i> L.	Bahava	Caesalpiniaceae
72.	<i>Saraca asoka</i> (Roxb.) Willd.	Sita Ashok	Caesalpiniaceae
73.	<i>Parkia biglandulosa</i> Wt. & Arn.	Chenduphal	Mimosaceae
74.	<i>Kalanchoe pinnata</i> (Lam.) Pers.	Panphuti	Crassulaceae
75.	<i>Terminalia bellerica</i> Roxb.	Behada	Combretaceae
76.	<i>Terminalia catapa</i> L.	Deshi Badam	Combretaceae
77.	<i>Pimenta dioica</i> (L.) Merr.	All Spice	Myrtaceae



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78.	<i>Couroupita guionensis</i> Aubl.	Tophgola	Lecythidaceae
79.	<i>Lagerstroemia reginae</i> Roxb.	Taman	Lythraceae
80.	<i>Lawsonia inermis</i> L.	Mehandi	Lythraceae
81.	<i>Spathodea companulata</i> P. Beauv	Pichkari	Bignoniaceae
82.	<i>Oroxylum indicum</i> (L.) Vent.	Tetu	Bignoniaceae.
83.	<i>Opuntia elatior</i> Mill.	-	Cactaceae
84.	<i>Adina cordifolia</i> B. & H.	Haldu	Rubiaceae
85.	<i>Anthocephalus kadamba</i> (Roxb.) Miq.	Kadmab	Rubiaceae
86.	<i>Coffea arabica</i> L.	Coffee	Rubiaceae
87.	<i>Nyctanthes arbor-tristis</i> L.	Ratrani	Oleaceae
88.	<i>Nerium indicum</i> Mill.	Kanher	Apocynaceae
89.	<i>Calotropis gigantea</i> (L.) R. Br.	Rui	Asclepiadaceae
90.	<i>Gymnema sylvestre</i> R. Br.	Bedkicha pala	Asclepiadaceae
91.	<i>Adhatoda zeylanica</i> Medic	Adulsa	Acanthaceae
92.	<i>Petrea volubilis</i> Woodr.	-	Verbenaceae
93.	<i>Embllica officinalis</i> Gaertn.	Awala	Euphorbiaceae
94.	<i>Putranjiva roxburghii</i> L.	Putranjiva	Euphorbiaceae
95.	<i>Ficus elastica</i> Roxb.	Rubber tree	Moraceae
96.	<i>Hydrilla veticillata</i> (L.f.) Royle	-	Hydrocharitaceae
97.	<i>Ravenala madagascarensis</i> J. E. Gmel.	-	Musaceae
98.	<i>Agave americana</i> L.	Ghaypat	Agavaceae
99.	<i>Aloe vera</i> (L.) Burm. f.	Korphad	Liliaceae
100.	<i>Asparagus racemosus</i> Willd.	Shatavari	Liliaceae
101.	<i>Eichhornia crassipes</i> (Mart.) Solms	Kendal	Pontederiaceae
102.	<i>Rhoeo discolor</i> Hance	-	Commelinaceae
103.	<i>Areca catechu</i> L.	Supari	Arecaceae
104.	<i>Caryota urens</i> L.	Ardhi Supari	Arecaceae
105.	<i>Roystonea regia</i> (H.B. & K) Cook.	Royal Palm	Arecaceae
106.	<i>Bambusa vulgaris</i> Schrad.	Bambu	Poaceae

Objectives of the Botanical Garden:

5. To conserve Rare, Endangered and Threatened (RET) plant species.
6. To educate the people and create awareness on environmental issues, biodiversity, conservation and sustainable utilization of bio-resources.
7. To provide meeting place for scientists, researchers and enthusiasts for discussion and exchange of ideas on environmental issues.
8. To cater the needs such as guidance in nursery techniques, supply of research material and saplings.



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Principal
Yashwantrao Chavan College
of Science, Karad.



14 49 59

20-05-2023 Saturday

856R+562

Aesthetic Garden Visit

Verified by Marki

Marki

Scadoxus multiflorus
Family - Amaryllidaceae



14 43 28

20-05-2023 Saturday

8550+MJ2

Aesthetic Garden Visit

Verified by Marki

Marki

Saraca asoca Fabaceae



14 43 04

20-05-2023 Saturday

10 Botanical Garden

Aesthetic Garden Visit

Verified by Marki

Marki



14 39 18

20-05-2023 Saturday

Shop No.3

Aesthetic Garden Visit

Verified by Marki

Marki



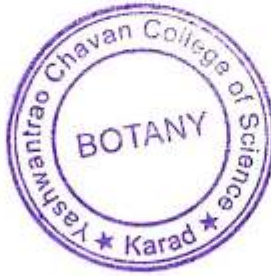
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Principal

Yashwantrao Chavan College of Science, Karad

Department of Botany

REPORT

Name of the activity	Field Visit of B.Sc. II Botany Students
Day & Date	Monday, 15/05/2023
Place of visit	Mahabaleshwar
Purpose of the Program	1. To enhance field knowledge of students. 2. Learn new techniques of field data collection and preservation.
No. of Students Participated	24
No. of Teachers Participated	03
Visit outcomes	Students learnt something new apart from class room teaching. In addition to this, they learned how to write field notes during data collection.



Teacher In-charge

Head

Department of Botany

Head

Department of Botany
Yashwantrao Chavan College of
Science, Karad

Principal

Principal

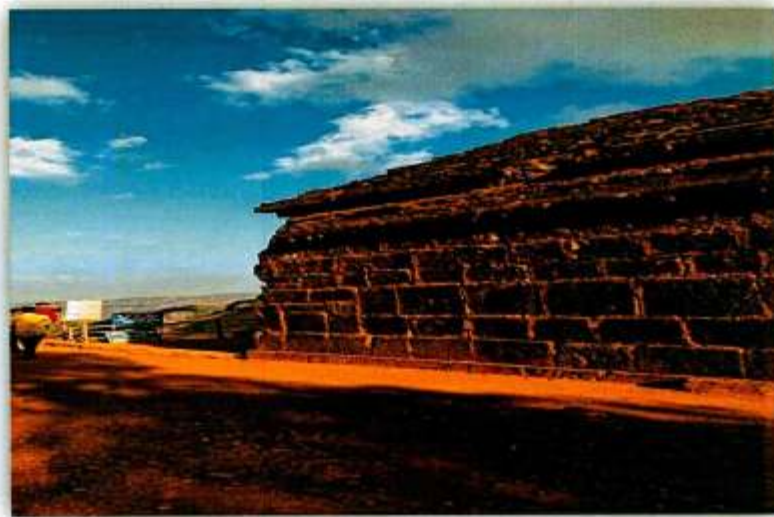
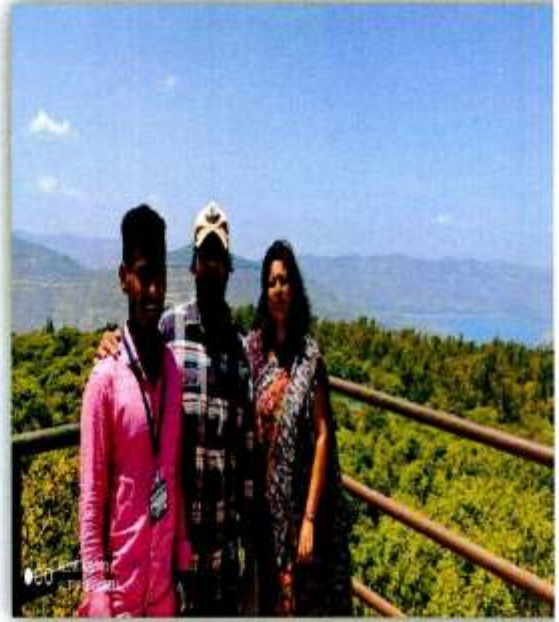
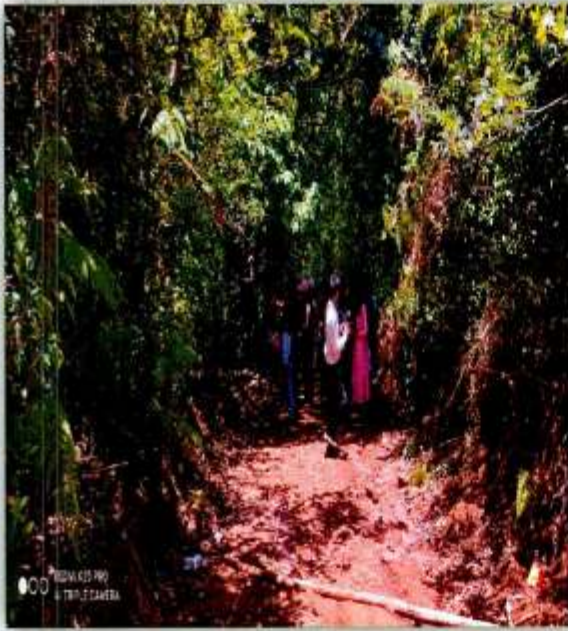
Yashwantrao Chavan College of Science
Karad



Principal

Yashwantrao Chavan College
of Science, Karad.

Study Tour of B. Sc. Botany Students –
Mahabaleshwar




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Yashwantrao Chavan College
of Science, Karad.

Yashwantrao Chavan College of Science, Karad
Department of Botany
B.Sc. Part II
Study Tour

13.05.2023

Students of B.Sc. II (Botany) are on study tour to Mahabaleshwar, on 15th May 2023.

This is for information to all concerned.

Class In-charge


Head

Yashwantrao Chavan College of Science, Karad
Department of Botany
B.Sc. Part II
Study Tour

13.05.2023

Students of B.Sc. II (Botany) are on study tour to Mahabaleshwar, on 15th May 2023.

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Class In-charge




Head

Yashwantrao Chavan College of Science, Karad
Department of Botany
B.Sc. Part II
Study Tour


13.05.2023

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This is for information to all concerned.

Class In-charge


Principal
Yashwantrao Chavan College
of Science, Karad.


Head



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD
Department of Botany

DATE: 30.04.2023	REF. NO.: YCCSK/LAB/F –
PAGE 01 OF 01.	REV. NO.: 00

STUDY TOUR PROGRAMME

Year 2022-2023

CLASS: B.Sc. II

TOTAL NUMBER OF STUDENTS:

DATES OF STUDY TOUR : 15.05.2023

PLACES OF VISIT : Mahableshwar

MODE OF JOURNEY : Hired Vehicle

NAMES OF THE TEACHERS ACCOMPANYING : Dr. S.A. Kirtane, Shri T. J. Shaikh

DATE & TIME OF DEPARTURE FROM KARAD : 15.05.2023 at 7.00 a.m.

DATES & PLACES OF VISIT : 15.05.2023 Mahableshwar

Sr.No.	Time	Programme
Date: 15.05.2023		
1	6.30 a.m.	Y. C. College of Science, Karad.
2	7.00 a.m.	Departure to Mahableshwar
3	10.00 a.m.	Arrival at Gureghar. Study and collection of plants. Lunch
4	1.30 p.m.	Departure to Kshetra - Mahabaleshwar & collection.
5	5.00 p.m.	Departure to sunset point.
6	6.15 p.m.	Departure to Karad via Medha, Satara.
7	10.00 p.m.	Arrival at Karad (Approximately).

Students are further informed to bring following things with them -

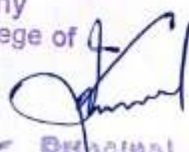
1. Identity card (Compulsory).
2. Lunch.
3. Pen, Pencil and Notebook.
4. All students have to maintain the discipline & obey the orders of their in-charge.
5. Each & every student should follow the time schedule of tour strictly

N.B. - Costly articles, not allowed to take.


Teacher In-charge


Head

Head
Department of Botany
Yashwantrao Chavan College of
Science, Karad


Principal
Yashwantrao Chavan College
of Science, Karad.





Estd. 1958

LAB / F -27

|| Be One with the downtrodden and the underprivileged ||
Shri Shivaji Education Society Karad, Board For Higher Education's

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, KARAD - 415 124 Dist. Satara (Maharashtra)

☎ 02164 - 271356, 271357 e-mail : prinyccsk@gmail.com

UDISE Code - 27310207715

Index No. J 21.02.002

Reaccredited B** Level by NAAC, Bangalore

AN ISO 9001-2015 CERTIFIED COLLEGE REG. NO. : RQ91/5237

Ref. No. / 25 / 2022-23

Date: 12.05.2023

To,
The Director,
Bhaskar Ayurvedic Aushdhalaya,
A-43, MIDC Kadegaon,
Dist- Sangli 415304

Sub.- About visit...

Sir,

We are happy to state that we are running undergraduate courses in the subjects of Botany. Where students are required to visit some Herbal industry.

This year we wish to visit your renowned organization affianced in manufacturing, wholesaling, retailing, exporting and importing premium quality range of ayurvedic medicines, herbal products etc. on 12.05.2023. I request you kindly to permit their visit and oblige.

Thanking you and with regards.

Yours sincerely,


Principal

Yashwantrao Chavan College of Science
Karad





Principal
Yashwantrao Chavan College
of Science, Karad.

Yashwantrao Chavan College of Science, Karad

Department of Botany

REPORT

Name of the activity	Field Visit of B.Sc. III Botany Students
Day & Date	Friday, 12/05/2023
Place of visit	Bhaskar Ayurvedic Aushdhalaya, A43 MIDC, Kadegaon, Sangli
Purpose of the Program	To provide students with hands-on, real world experience which complement theoretical knowledge gained in classroom and understand practical applications of their studies.
No. of Students Participated	01
No. of Teachers Participated	03
Visit outcomes	The students gained valuable insights about the subjects matter through the interactions with subject experts of the institutes.




Teacher In-charge

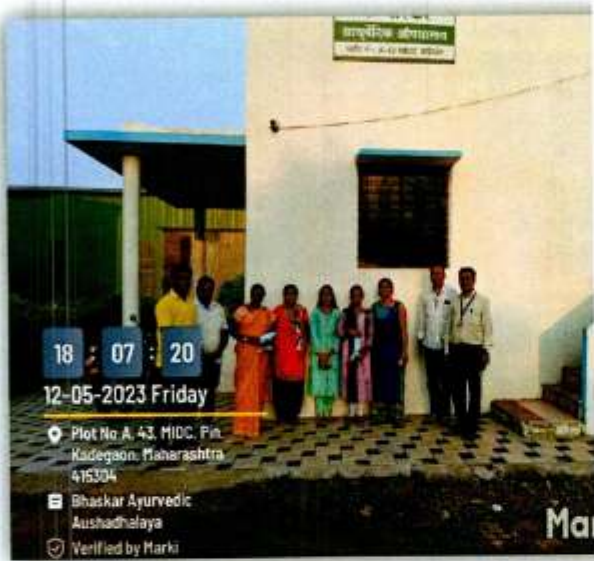

Head
Department of Botany
Head
Department of Botany
Yashwantrao Chavan College of
Science, Karad


Principal
Principal
Yashwantrao Chavan College of Science, Karad




Principal
Yashwantrao Chavan College
of Science, Karad.

**Study Tour of B. Sc. Botany Students –
Bhaskar Ayurvedic Aushdhalaya, A43 MIDC, Kadegaon, Sangli**



Principal
Yashwantrao Chavan College
of Science, Karad.

Exam No. : 42108

LAB / F - 19

Roll No. 3441

Date : 18/05/2023

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD



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JAS-ANZ



Department of Botany

CERTIFICATE OF STUDY TOUR

This is to certify that, Mr. / Miss: Satar Mayuri Mohan

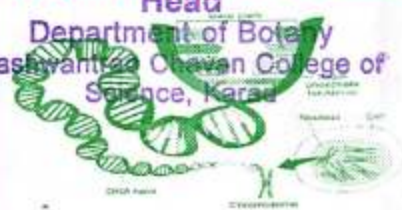
of B. Sc. Part I/II/III of academic year 2022 - 2023 has attended the study tour organized by the Department of Botany at Bhaskar Ayurvedic Aushadhalaya study site / Research Institute / Industry / Nursery of Educational interest on 12/05/2023

Teacher in - Charge

Examiner

Head,
Department of Botany
Head

Department of Botany
Yashwantrao Chavan College of
Science, Karad



Yashwantrao Chavan College of Science, Karad

Department of Botany

Pharma Industry Visit Report

B.Sc. III Botany

An Industrial Visit to **Bhaskar Ayurvedic Aushadhalaya**, Plot No. A43, Mide Kadegoan, Dist Sangli, Karad was organized by Department of Botany, Yashwantrao Chavan College of Science, Karad on Friday, 12 May 2023. Number of Students with three faculty members visited **Bhaskar Ayurvedic Aushadhalaya**. They interacted with the pharmaceutical industry to understand different departments and processes of pharma industries with novel approaches. During this visit, students were very eagerly waiting for listening to industrial higher authorities.

When we reached the industry, Hr personnel of the industry welcome us and drive us to the meeting room where we introduce our students to Hr. personal and introduced himself and other members to the students. They introduced students to the various department of the company. The Hr. personnel and HODs of different departments drove us to visit different departments like the warehouse, production (Manufacturing) department, Quality control department, Quality assurance department, Primary and secondary packaging department, etc. In all departments, departmental HODs have given us information regarding their respective department.

BHASKAR AYURVEDIC AUSHADHALAYA

Bhaskar Ayurvedic Aushadhalaya was established in the year 1982. This company deals in ayurvedic products, oil and veterinary products. The major objective of this company is to provide their customers a provide a wide array of products. Harish Bhaskar Palkar is the owner of this company. They have very good quality products that too in affordable range that anyone



can buy it without investing a lot on it. During visit they said that, one can start distributorship in ayurvedic products, oils and veterinary products with 'BHASKAR AYURVEDIC AUSHADHALAYA'. They offer high profit margin if you start business with this company.

Different ayurvedic products are provided by the Bhaskar Ayurvedic Aushadhalaya such as –

- 1) Castor oil
- 2) Sesame Oil
- 3) Mustard Oil
- 4) Eucalyptus Oil
- 5) Karaj Oil
- 6) Neem Oil
- 7) Clove Oil
- 8) Rose water
- 9) Amla Powder
- 10) Ritha Powder
- 11) Mehandi Powder
- 12) Shikakai Powder
- 13) Deesha Chandan Face Pack
- 14) Chandan Perfumed Powder
- 15) Ambe Halad Powder




Principal
Yashwantrao Chavan College
of Science, Karad.



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Yashwantrao Chavan College
of Science, Karad.



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Yashwantrao Chavan College
of Science, Karad.



Principal
Yashwantrao Chavan Colleg
of Science, Karad.



Yashwantrao Chavan College of Science, Karad

Department of Botany

REPORT

Name of the activity	Field Visit of B.Sc. I, II Botany Students
Day & Date	Saturday, 29/04/2023
Place of visit	Botanical Garden, Yashwantrao Chavan College of Science, Karad
Purpose of the Program	To provide students with hands-on, real-world experiences which complement theoretical knowledge gained in the classroom and understand practical applications of their studies
No. of Students Participated	92
No. of Teachers Participated	02
Visit outcomes	Students learnt new botanical plants with respect to its utilization. They also saw poly house and grass collection in it. Garden had all sort of plants form Algae to Angiosperms.




Teacher In-charge



Head
Department of Botany
Head
Department of Botany
Yashwantrao Chavan College of
Science, Karad


Principal
Principal
Yashwantrao Chavan College of Science
Karad



**Study Tour of B. Sc. Botany Students –
Botanical Garden, Yashwantrao Chavan College of Science, Karad**




Principal
 Yashwantrao Chavan College
 of Science, Karad.

**Study Tour of B. Sc. Botany Students –
Botanical Garden, Yashwantrao Chavan College of Science, Karad**



[Signature]
Principal
Yashwantrao Chavan College
of Science, Karad.

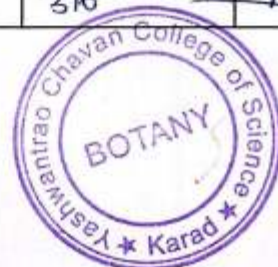
Yashwantrao Chavan College of Science, Karad

Department of Botany

Field Visit to College Botanical Garden

Date: 29/4/2023

Sr. No.	Name of student	Roll No.	Sign.
✓ 1.	Kumbhar Darshana Uttam	329	<u>Kumbhar</u>
2.	Babar Apurva Abasaheb	392	<u>Babar</u>
✓ 3.	mali Sakshi Prakash	336	<u>Prali</u>
✓ 4.	Mane Rutuja Rajaram	383 ³⁸³	<u>Mane</u>
✓ 5.	Mane Isha Rajaram	338	<u>Mane</u>
✓ 6.	Pawar Aakanksha Ashok	353 ³⁵³	<u>Pawar</u>
7.	Jambhale Surarna Akash	320	<u>Jambhale</u>
8.	Chavan Vaishnavi Vishwas	297	<u>Chavan</u>
9.	Chinchkar Tejaswi Gajanan	299	<u>Chinchkar</u>
10.	Sabale Vishakha Vishwas	361	<u>Sabale</u>
11.	Patil Diksha Dinka	239	<u>Patil</u>
12.	Pawar Anjali Navnath	247	<u>Anjali</u>
13.	Vaishnavi Sandip Dalavi	300	<u>Dalavi</u>
14.	Pratiksha Ganaji Gurav	207	<u>Pratiksha</u>
15.	Desai Vaishnavi Niwas	200	<u>Desai</u>
16.	Tate Mandavi Rajunath	373	<u>Tate</u>
17.	Jule Vaishnavi Avinash	369	<u>Jule</u>
✓ 18.	Khavale Pratiksha Dipak	328	<u>Khavale</u>
19.	Kadam Sakshi Sanjoy	322	<u>Kadam</u>
✓ 20.	Patil Saraswati Shivaji	350	<u>S. Patil</u>
21.	Dixit Apurva Nilkamth	304	<u>Dixit</u>
22.	Pisal Ankita Prakash	359	<u>Pisal</u>
✓ 23.	Awale Tejaswini Nitin	426	T.N.A
24.	Phadatre Poonam Rajaram	357	<u>Phadatre</u>
25.	Pawar Sakshi Kumar	423	<u>Pawar</u>
26.	Kanse Vaishnavi Pandurang	325	<u>Kanse</u>
27.	Jagtap Pratiksha Rakaso	316	<u>PK Jagtap</u>



Principal
Yashwantrao Chavan College
of Science, Karad.

Date 29/4/2023

28)	Pawar Shriya Bapurao	429	Saprao
29	Patil Ananta Vijaykumar	421	Patil
30	Mujawar Fiza Jamir	385	Mujawar
31	Vaishnavi Jagnath Desai	413	Vaishnav
32	Ghadage Dhanashri Sanjay	203	Ghadage
33	Tagtap Aishwarya Shankar	215	A.S. Tagtap
34	Patil Rutuja Anand	242	R.A. Patil
35	Ghoral Sandharani Vitthal	306	Sandharani
36	Gayatri Pramod Katwate	427	Katwate
37	Sejal Anil Kumbhar	417	Sejal
38	Jadhav Nilam Ganesh	311	Jadhav
39	Jadhav Pratiksha Ramachandra	312	Jadhav
40	Bardol Tabssum Moulia	297	Tabssum
41	Dhas Sakshi Mahadev	302	Sakshi
42	Shruti Lokhande	418	S. Lokhande
43	Jsha Ravindra Jadhav	419	J. Jadhav
44	Rasika Sambhaji Parare	422	Rasika
45	Patil Samadhi Sachin	394	Patil
46	Jadhav Vishakha Popat	387	V. Jadhav
47	Waghmare Kamnabha Babun	377	Waghmare
48	Mane pratiksha Sinabha	340	Mane
49	Yadav Sayali Pankaj	379	Sayali
50	Jadhav Dhanashri Rajaram	395	Jadhav
51	Snawak samata Ghanshyam	368	Snawak
52	Thorat Vaishnavi Anil	265	Thorat
53	sklunkhe Dipi Vinod	275	sklunkhe
54	Thorat Anushka Tanaji	281	Thorat
55	Thorat Sakshi Subas	276	
56	Kamble Utkarsho Rajendra	323	Kamble
57	Disale Sonali Shashikant	303	Disale



Principal
Yashwantrao Chavan College
of Science, Karad.

29/4/2023

58	Rohit sunil Ravidhone	252	A.S.R
59	aditya ramesh mane	228	AS
60	Ajinkya tatoba ingale	208	Ajinkya
61	mayur Jalindar Thorat	264	Thorat
62	prasad Dattatray shinde	259	PSHinde
63	Prasad Sunjay Jadhav	212	Prasad
64	Prathamesh Janaji ingawale	209	Prath
65	Aniket Anikush Jadhav	210	Aniket
66	Rohan Kishor Jadhav	213	Rohan
67	Sankhe atharv arvind	437	Sankhe
68	aryan anil mane	228	A.mane
69	Bhosale vedant Animesh	435	Bhosale
70	mane sahil Sambhaji	229	SS.M
71	kartik krushnat Kadan	217	Kartik
72	Bansode Avishkar Raju	411	Avishkar
73	Prathemsh Ashok Kadam	416	Prathemsh
74	Aditya Rajendra Chauhan	273	Chauhan
75	Nabil Asif Mulla	420	Nabil
✓ 76	Husen maulabi mayur	463 ³⁴³	H.M.M
77	Jadhav shirraj Kakasheb	314	Shirraj
78	Rathod Sunny subhash	251	Rathod
79	Thorat Tejash Raghunath	390	Thorat
80	Yedage Abhilash Bhagwat	396	Yedage
81	Indulkar Aniket vasant	309	Indulkar
82	Chavan Pranav Vikas	196	Chavan
✓ 83	Kumbhar samarth M.	331	Kumbhar
84	Mohite Dhawalraj Vilas	383	Mohite
85	Babar Aditya Krishna	191	Babar
86	Ingale karatik Prasantkumar	316	Ingale
87	chavan shashil Dinkar	197	Chavan

Landscape



Principal
Yashwantrao Chavan College
of Science, Karad.

Yashwantrao Chavan College of Science, Karad

Department of Botany

REPORT

Name of the activity	Field Visit of B.Sc. I, II Botany Students (Study of <i>Gnetum</i>)
Day & Date	Wednesday, 30/11/2022
Place of visit	Botanical Garden, Yashwantrao Chavan College of Science, Karad
Purpose of the Program	To provide students with hands-on, real-world experiences which complement theoretical knowledge gained in the classroom and understand practical applications of their studies
No. of Students Participated	45
No. of Teachers Participated	01
Visit outcomes	Students learnt Taxonomy of <i>Gnetum</i> .




Teacher In-charge


Head
Department of Botany
Head
Department of Botany
Yashwantrao Chavan College of
Science, Karad


Principal
Principal
Yashwantrao Chavan College of Science
Karad



**Study Tour of B. Sc. Botany Students –
Botanical Garden**



**Principal
Yashwantrao Chavan College
of Science, Karad.**



Estd. 1958

|| Be One with the downtrodden and the underprivileged ||
Shri Shivaji Education Society Karad, Board For Higher Education's

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, KARAD - 415 124 Dist. Satara (Maharashtra)

☎ 02164 - 271356, 271357 e-mail : prinyccsk@gmail.com

UDISE Code - 27310207715

Index No. J 21.02.002

Reaccredited B** Level by NAAC, Bangalore

AN ISO 9001-2015 CERTIFIED COLLEGE REG. NO. : RQ91/5237

Ref.: CS-WKSP/ 446 /2022-23

Date: 24.03.2023

To,
Manager HR,
Biyani Technologies Pvt. Ltd
Kolhapur.

Subject: Request for permission to visit your software company

Respected Sir,

As a part of educational tour, students of B.Sc. III (CS)(Entire)
84 Students & B.Sc. III (CS)(Optional) 28 Students from Yashwantrao
Chavan College Of Science, Karad Department of Computer Science
accompanied by 06 faculty members wish to visit your reputed organization
(Biyani Technologies Pvt. Ltd, Kolhapur) on 24/03/2023.

I Request you to grant permission for Visit for valuable guidance

Thanking you,

Head
Department of Computer Science
Yashwantrao Chavan College of Science,
Karad



Yours faithfully,

Principal
Yashwantrao Chavan College of Science, Karad

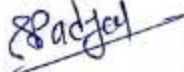


Sanave
24/3/23

Yashwantrao Chavan College of Science, Karad
Department of Computer Science
Industrial Visit 2022-23
NOTICE


Date: 10.03.2023

To all Students of the M.Sc. CS I, B.Sc. CS Optional III and B.Sc. CS Entire III are hereby inform that the industrial visit has been organized at **BIYANI TECHNOLOGIES PVT Ltd, Kolhapur** on 24th March, 2023. You have to pay contribution Rs. 1000/- to Mrs. S. G. Padyal Madam by 20th March, 2023.



Tour In- Charge





Head

Department of Computer Science
Yashwantrao Chavan College of Science,
Karad





Principal

Yashwantrao Chavan College
of Science, Karad.

Yashwantrao Chavan College of Science, Karad

Department of Computer Science

M.Sc. CS I & B.Sc. III CS (Entire & Optional)

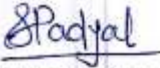
Industrial Visit 2022-23

Date :- 24.03.2023

Day :- Friday

Schedule

- 1) **Date of Departure and arrival :- 24 March 2023 (One day)**
- Gathering of student and staff :- 6:30 am
 - Departure from Karad :- 7:00 am
 - Biyani Technology Pvt. Ltd. Kolhapur :- 11:00 am-1:00pm
 - Lunch :- 1:00 pm to 1:30pm
 - Kaneri Math Kolhapur :- 1:30-2:00 pm
 - Departure for Karad :- 5:30 pm
 - Arrival at Karad :- 7:00pm


Tour in-Charge




Head

Department of Computer Science
Head
Department of Computer Science
Yashwantrao Chavan College of Science,
Karad




Principal
Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

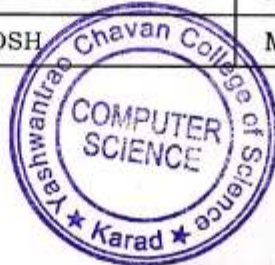
DEPARTMENT OF COMPUTER SCIENCE


Industrial Visit List B.Sc.CS (Entire & Optional) - III 2022-23

Gadi No.1

Date - 24/03/2023

Sr.No.	Roll No.	Name of the Students	Gen.	Mobile No.	Signature
1	3381	KACHARE ROHAN MUKUND	M	8007428142	R Kachare
2	3383	PISAL ADITYA VILAS	M	8805226167	Aditya
3	3386	SUPNEKAR SUMIT BHAGWAN	M	8628048235	Sumit
4	3388	KHATAVKAR ROHAN SANTOSH	M	7588159251	Rohan
5	3389	RAUT NIRANJAN JAGANNATH	M	7709228038	Niranjan
6	3390	KUMBHAR PRATHMESH VAIBHAV	M	7058056910	Prathmesh
7	3391	MOHOLKAR VIKRANT ANIL	M	9579274770	Vikrant
8	3394	PISAL VISHAL BHAUSO	M	9359028339	Vishal
9	3395	BAMANE AKASH BALKRISHNA	M	7620875490	Akash
10	3399	BAVDEKAR BHUSHAN KAKASO	M	4798349969	Bhushan
11	3400	PATIL SHUBHAM GORAKHNATH	M	9673063010	Shubham
12	3401	MORE SURAJ ANIL	M	9175742869	Suraj
13	3402	MULANI ALTAMASH MAHAMMAD	M	8805226117	Altamash
14	3409	PHADATARE KUNAL SHAILESH	M	9359558140	Kunal
15	3410	KAMBALE ADITYA DIGAMBAR	M	8459634032	Aditya
16	3471	PAWAR SWAPNIL DADASAHEB	M	9834926254	Swapnil
17	3403	SUTAR SANTOSH DINKAR	M	8805226167	Sutar
18	3405	KUMBHAR YOGESH VILAS	M	7066058386	Yogesh
19	9502	AVATE SUSHANT NAMDEV	M	7249165510	Sushant
20	9505	BHUJBAL PRANAY YASHWANT	M	9767708487	Pranay
21	9506	CHAVAN JAGDISH VINAYAK	M	9172703112	Jagdish
22	9507	CHAVAN OMKAR VINAYAK	M	9028946295	Omkar
23	9508	CHAVAN PRAJVAL UMESH	M	8855850677	Prajval
24	9509	CHAVAN PRATIK PRAMOD	M	7558298086	Pratik
25	9514	DESHMUKH ISHWAR LAXMAN	M	8530462054	Ishwar
26	9518	DEVKAR PRAJWAL SURESH	M	8338289646	Prajwal
27	9524	GOSAVI VAIBHAV CHANDRAKANTPURI	M	9141910161	Vaibhav
28	9525	JADHAV ADITYA PRAKASH	M	7020463544	Aditya
29	9526	JADHAV AKASH HINDURAO	M	7709989996	Akash
30	9531	JADHAV SANKET RAMCHANDRA	M	9168080268	Sanket
31	9533	JADHAV VISHWAJEET NANASO	M	8459745368	Vishwajeet
32	9535	KADAM ROHIT SANTOSH	M	8999490822	Rohit




 Principal
 Yashwantrao Chavan College
 of Science, Karad.

Sr.No.	Roll No.	Name of the Students	Gen.	Mobile No.	Signature
33	9536	KADAM SOHAM UDAY	M	9503723203	Soham
34	9537	KADAM VIRAJ SUJAY	M	9225938948	Viraj
35	3382	MORE PRIYANKA SATISH	F	7620495402	Priya
36	3384	SAWANT SNEHAL SAMPAT	F	9579415580	Snehal
37	3385	SHEWALE ROSHNI SIDHESHWAR	F	9021026703	Roshni
38	3387	KUMBHAR PRIYANKA RAMESH	F	7796930116	Priya
39	3392	CHAVAN SHRAVANI PANDHARINATH	F	8180017375	Shravani
40	3396	GHORPADE SUNITA JYOTIBA	F	7269018860	Sunita
41	3397	KADAM SAYALI GANESH	F	9421382308	Sayali
42	3406	PISAL ASMITA SANJAY	F	9325979637	Asmita
43	3407	PAWAR SNEHA SANJAY	F	7420999465	Sneha
44	3408	JADHAV VAISHNAVI VIJAY	F	7028988876	Vaishnavi
45	9504	BHOSALE NIKITA MANOHAR	F	9284008625	Nikita
46	9510	CHAVAN VAISHNAVI VIJAY	F	9322969256	Vaishnavi
47	9511	CHOPADE RUTUJA SHASHIKANT	F	9579164557	Ruchopade
48	9512	DANGE ANUJA SUNIL	F	7058469203	Dange
49	9513	DESAI PALLAVI SHARADCHANDRA	F	9657263601	Pallavi
50	9515	DESHMUKH PRITI ANKUSH	F	7769969001	Priti
51	9516	DESHMUKH SAYALI SUNIL	F	7820838208	S.S. Deshmukh
52	9517	DESHMUKH VINITA BHANUDAS	F	7378931747	V.B. Deshmukh
53	9519	DOLE AISHWARYA DATTATRAY	F	9373739387	Ashale
54	9520	DUBAL DIPTI SUDHAKAR	F	9699296042	DSDubal
55	9521	DUBAL GAYATRI SANTAJI	F	8623947797	Gayatri
56	9522	GARUD PRANALI UTTAM	F	9322765256	Pranali
57	9528	JADHAV PRANALI ANIL	F	7498689994	Pranali



for 

Head
Department of Computer Science
Yashwantrao Chavan College of Science,
Karad



Principal
Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF COMPUTER SCIENCE

Industrial Visit List B.Sc.CS (Entire & Optional) - III 2022-23

Gadi No.2

Date - 24/03/2023

Sr.No.	Roll No.	Name of the Students	Gen.	Mobile No.	Signature
1	9532	JADHAV SAYALI HANMANTRAO	F	9168670771	Jadhav
2	9534	JAMALE NEHA BAJIRAO	F	7058395821	NJamale
3	9538	KALANTRE NIKITA HINDURAO	F	9823301697	Nikita
4	9539	KAMBLE SAKSHI DILIP	F	8600636177	Sakshi
5	9543	KUMBHAR VAISHNAVI DEVDATTA	F	8668990011	Vaishnavi
6	9544	LIMBARE PRAJAKTA PRAKASH	F	8559172546	Prajakta
7	9546	MALI SNEHAL TUKARAM	F	9356986871	Snehal
8	9547	MANE PRAJAKTA DHANAJI	F	8263823599	Prajakta
9	9551	MORE AACHAL PANDIT	F	8767037691	Aachal
10	9552	MUJAWAR AFSANA RAFIK	F	9175573802	Mujawar
11	9553	MULLA KAJAL SALIM	F	9195545229	Kajal
12	9560	PATIL NIKITA NAVANATH	F	8668255304	Nikita
13	9564	PATIL SHIVANI RAVINDRA	F	8129102720	Shivani
14	9565	PATIL SIDDHI NANDKUMAR	F	7758970199	Siddhi
15	9566	PATIL SNEHAL RAHUL	F	8999638901	Snehal
16	9567	PAWAR AKANKSHA VIJAYSINH	F	9284959473	Akanksha
17	9569	PAWAR SHREYA PANDURANG	F	9763350815	S.P.Pawar
18	9570	PAWAR VAISHNVEE PRASAD	F	9766666209	Vaishnvee
19	9573	POL SHREYA RAJENDRA	F	9307193419	Shreya
20	9586	SHIKALGAR KARISHMA LALA	F	8767885055	Karishma
21	9592	SUTAR PRAGATI MADHUKAR	F	9158033560	Pragati
22	9594	THORAT SARVDNYA DILIP	F	7743997921	Sarvdnya
23	9595	THORAT SNEHAL DHANAJI	F	7028900233	Snehal
24	9542	KUMBHAR ADARSH MADHUKAR	M	9011272170	Adarsh
25X	9545	MALAVE CHAITANYA DURYODHAN	M	9021758023	Chaitanya
26	9548	MANE SANGRAM UDAYSING	M	7659222121	Sangram
27	9554	NADAF NIHAL RAFIK	M	9373411260	Nihal
28	9555	NADAF SAHIL AINU	M	7972080767	Sahil
29X	9556	NANGARE UTKARSH SANJAY	M	9665645931	Utkarsh
30	9557	OZARDEKAR SHIVAM DHANANJAY	M	9359063307	Shivam
31	9559	PATIL HRISHIKESH ASHOK	M	9765305817	Hrishikesh
32X	9561	PATIL OMKAR JAGANNATH	M	901289890	Omkar



Principal
Yashwantrao Chavan College
of Science, Karad.

Sr.No.	Roll No.	Name of the Students	Gen.	Mobile No.	Signature
33	9563	PATIL PARTH PRAMOD	M	7083048527	<i>P.Patil</i>
34	9568	PAWAR KUNAL MANSING	M	8147965663	<i>Kunale</i>
35	9571	PAWAR VIRAJ VIVEK	M	8888192550	<i>Vivek</i>
36	9572	PHALLE SOMNATH MAHESH	M	8080999677	<i>S.Phalke</i>
37	9574	POL SUSHANT YASHWANT	M	7071730302	<i>S.Pol</i>
38	9577	SAGARE VIKRAM VISHWAS	M	7498795022	<i>Sagar</i>
39	9578	SALUNKHE AJAY SAMBHAJI	M	887558351022	<i>A.Salunke</i>
40	9581	SANKPAL PRATIK DILIP	M	9623273606	<i>P.Sankpal</i>
41	9582	SANKPAL RAHUL VIJAY	M	7620102591	<i>R.Sankpal</i>
42	9583	SHEDAGE SAHIL TANAJI	M	7083287070	<i>S.Shedage</i>
43	9584	SHEJWAL MAYUR SURYAKANT	M	8177984236	<i>S.Shejwal</i>
44	9585	SHEWALE RUTIK BAJIRAO	M	7378723378	<i>R.Shevale</i>
45	9587	SHIKALGAR TOHID IBRAHIM	M	8999213535	<i>T.Shikalgar</i>
46	9588	SHINDE OMKAR SAGAR	M	937082881	<i>S.Shinde</i>
47	9590	SURVE SHUBHAM JAGANNATH	M	9145162445	<i>S.Surve</i>
48	9591	SURYAVANSHI JAYESH SURESH	M	9359602720	<i>S.Suryavanshi</i>
49X	9593	TAWAR MANISH DEEPAK	M	9356855131	<i>M.Tawar</i>
50	9596	TODKAR ASHISH TATYABA	M	8855849955	<i>A.Todkar</i>
51	9597	VARKAD AADESH ANIL	M	9607696716	<i>A.Varkad</i>
52	9598	WADATE TEJAS VINOD	M	7387242635	<i>T.Wadate</i>
53	9600	YADAV ANIKET ANIL	M	8975847806	<i>A.Yadav</i>
54	9601	YADAV PRATIK BAPURAO	M	9112851157	<i>P.Yadav</i>
55	9602	YADAV SAIRAJ PRASHANT	M	7219483048	<i>S.Yadav</i>



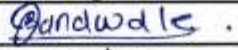
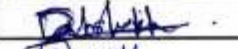
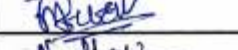
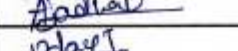
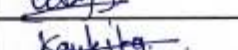
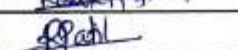
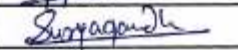
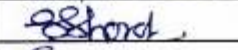


For Head
Head
 Department of Computer Science
 Yashwantrao Chavan College of Science,
 Karad



Principal
Principal
 Yashwantrao Chavan College
 of Science, Karad,

Yashwantrao Chavan College Of Science, Karad
Department Of Computer Science
Industrial Visit 2022-2023
M.Sc.CS Part I

Date- 24/03/2023

Sr No	Roll No	Name of Students	Signature
1	9751	DANAWALE MANASI SUNIL	
2	9752	DESAI ABHISHEKH RAMESH	
3	9753	GURAV MADHAVI AJAY	
4	9754	JADHAV AKHILA ARUN	
5	9755	JADHAV UDHAY SHANKAR	
6	9756	KADAM ANKITA VILAS	
7	9757	PATIL RAJANI JAGANNATH	
8	9758	SURYAGANDH POONAM ARUN	
9	9759	THORAT SHAMBHURAJ SHIVAJI	
10	9760	WADKAR SIDDHANT UMESH	

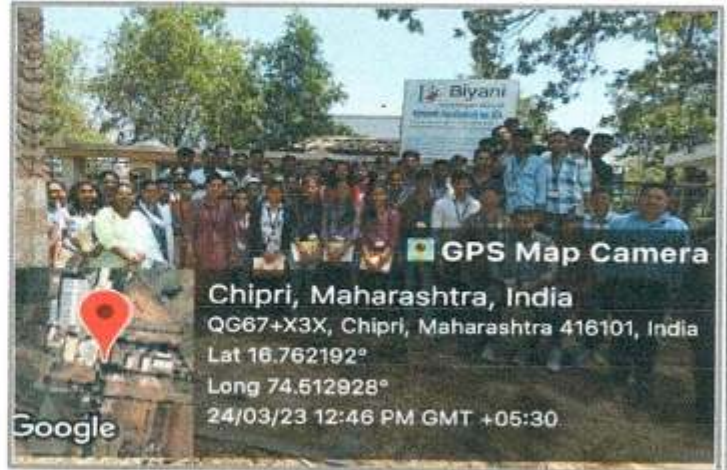



Head
Department of Computer Science
Yashwantrao Chavan College of Science,
Karad




Principal
Yashwantrao Chavan College
of Science, Karad,

Photos



Company Conference Room

**Understanding working of different software's
in Biyani Technologies, Kolhapur**



[Handwritten Signature]
Principal
Yashwantrao Chavan College
of Science, Karad.

Yashwantrao Chavan College of Science, Karad

Department of Electronics

Industrial Visit -2022-23

Class – B.Sc.III

INDEX

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2	Visit Letter
3	List of Student
4	Industrial Visit Report with Certificates
5	Feedback


HOD

Department of Electronics
Yashwantrao Chavan College of Science,
Karad


Principal

Yashwantrao Chavan College of Science, Karad



Estd. 1958



|| Be One with the downtrodden and the underprivileged ||
Shri Shivaji Education Society Karad, Board For Higher Education's

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, KARAD - 415-124 Dist. Satara (Maharashtra)

☎ 02164 - 271356, Fax : 02164-271356, e-mail : ychavan@bsnl.in, prinyccsk@gmail.com

Reaccredited B⁺⁺ Level by NAAC, Bangalore

AN ISO 9001-2008 CERTIFIED COLLEGE REG. NO. : RQ91/5237

Ref No:- 2022-23 / 33

Date 03/05/2023

To,

The manager,
INNOVHUB SYSTEM PRIVATE LIMITED
GH,society,karad.

Subject :- About industrial visit.

Respected Sir,

We have industrial visit as a part of Syllabus .For B.Sc.II and B.Sc.III,hence we wish to visit 3D workshop 5th May 2023.

The No. of Student visiting will be 11 Two Teachers will escort them.

Thanking You,

Yours faithfully,

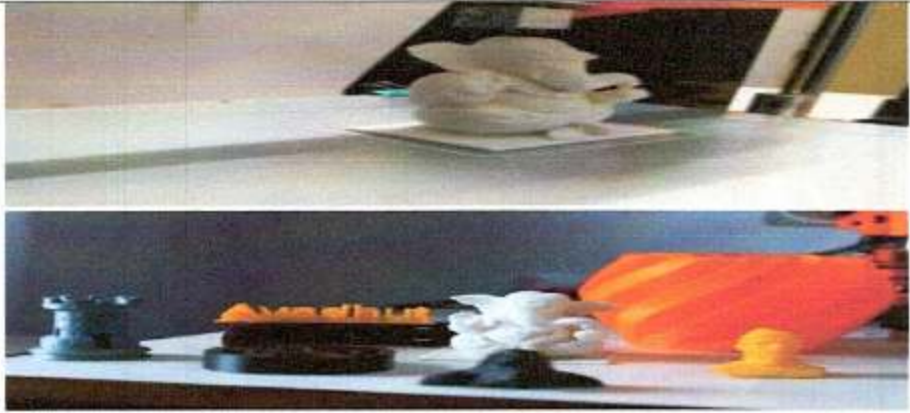

Principal

Yashwantrao Chavan College of Science, Karad





Yashwantrao Chavan College of Science, Karad
ACTIVITY REPORT

Name of the Department: Electronics B.Sc. III		Academic Year – 2022-23
Name of the activity	INNOVHUB SYSTEM PRIVATE LIMITED GH,Society ,Karad.	
Purpose of Program	To makes students know resent rends in Electronics	
No. of Students Participated	11	
No. of Teachers Participated	03	
Program outcomes	1) Students are updated with the recent knowledge in Electronics. 2) Students are inspired by the recent development in Electronics	
Program Photo		


Teacher In charge


Signature
Head of the Department

Signature
Principal

HEAD
Department of Electronics
Yashwantrao Chavan College of Science,
Karad


Principal
Yashwantrao Chavan College of Science, Karad

Yashwantrao Chavan College of Science, Karad

DEPARTMENT OF ELECTRONICS

List of Student B.Sc.III (2022-23)

Industrial Visit to, INNOVHUB SYSTEM PRIVATE LIMITED

GH Society, Karad.



Sr.No.	Roll No	Name	class
1	3001	Dubal Harshani Nivas	B.Sc . III
2	3002	Londe Ankita Avinash	B.Sc . III
3	3003	Shedage Sayali Abaso	B.Sc . III
4	3004	Todakar Sairaj Dyaneshwar	B.Sc . III
5	3005	Pawar Jeeven Sanjay	B.Sc . III
6	3006	Mohite Aditya Subhash	B.Sc . III
7	3007	Kadole Tejas Sambaji	B.Sc . III
8	3008	Zarekar Sanket Subhash	B.Sc . III
9	3009	Gurav Aditya Krishanath	B.Sc . III
10	3010	Salumkhe Pratik Niranjana	B.Sc . III
11	3011	Desai Shriyash Sambaji	B.Sc . III


Principal

Yashwantrao Chavan College of Science, Karad



HEAD
HOD

Department of Electronics
Yashwantrao Chavan College of Science,
Karad



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD
DEPARTMENT OF ELECTRONICS

CERTIFICATE

Industrial Visit 2022-2023

This is to certify that Mr./Miss Shedage Sayali Abaso

Of B.Sc.III Class Participated in the Industrial Visit Organized
by Department of Electronics to INNOVHUB SYSTEM
PRIVATE LIMITED .

He / She has Submitted his / her industrial Visit report on
10 May 2023.

MY

Tour In – charge

Chank

Examiner

MY

HOD

HEAD

Department of Electronics
Yashwantrao Chavan College of Science,
Karad



Tour Report

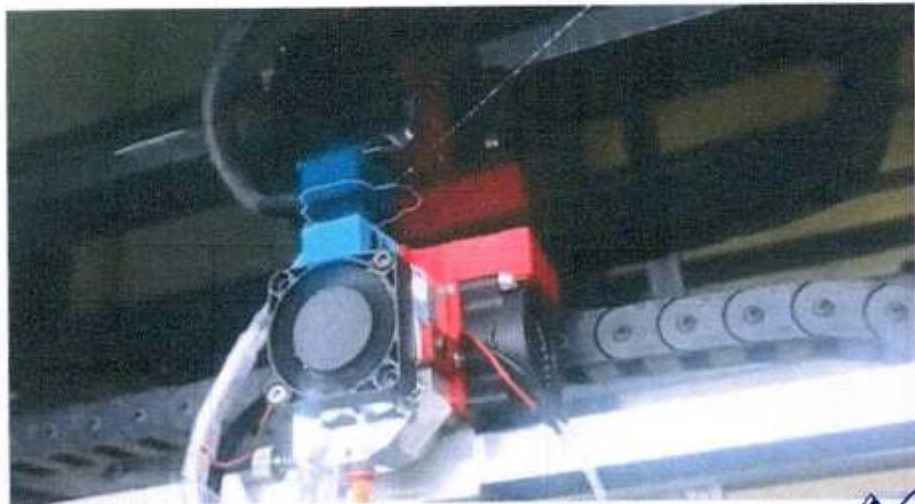
Tour Report Department of Electronics arranged industrial visit 5 may2023 in the aim of visit was to collect information about INNOVHUB SYSTEM PRIVATE LIMITED

As per program, Shri. R.S Deshmukh discussed valuable information about 3D printer with their steps of assembling, installation, working and testing.

A 3D printer, computerized device that produces a three-dimensional object by creating it as a series of thin layers. The object is created from a model stored in computer-aided design file; the model is sliced into hundreds or thousands of very thin horizontal layers using computer software, and each layer is sent to 3D printer to be created successively until the entire object is formed. A number of different processes are used by 3D printers to create objects. Droplets of a melted deposited to form the layers, ultraviolet light may be used to harden layers from a pool of photo curable liquid resin, or a laser or electron beam may be used to sinter or melt particles in a bed of powder to form the layers. A wide variety of materials used depending on the process, including thermoplastics, metals, ceramic powders, plaster, and chocolate and other foodstuffs. A 3D printers mainly consists frame, stepper motor, heater etc. A 3D printing starts with making a virtual design of the object you want to create. This virtual design is made in a CAD (computer aided design) file using a 3D modelling program(for the creation of a totally new object) or with the use of a 3D scanner(to copy an existing object).A 3D scanner makes a 3D digital copy of an object







MM

HEAD

Department of Electronics
Yashwantrao Chavan College of Science,
Karad

[Signature]
Principal

Yashwantrao Chavan College of Science, Karad



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD
DEPARTMENT OF ELECTRONICS

CERTIFICATE

Industrial Visit 2022-2023

This is to certify that Mr./Miss ZAREKAR SANKET SUBHASH

Of B.Sc.III Class Participated in the Industrial Visit Organized
by Department of Electronics to INNOVHUB SYSTEM
PRIVATE LIMITED .

He / She has Submitted his / her industrial Visit report on
10 May 2023.

Tour In – charge

Examiner

HOD

HEAD

Department of Electronics
Yashwantrao Chavan College of Science,
Karad



Principal

Yashwantrao Chavan College of Science, Karad

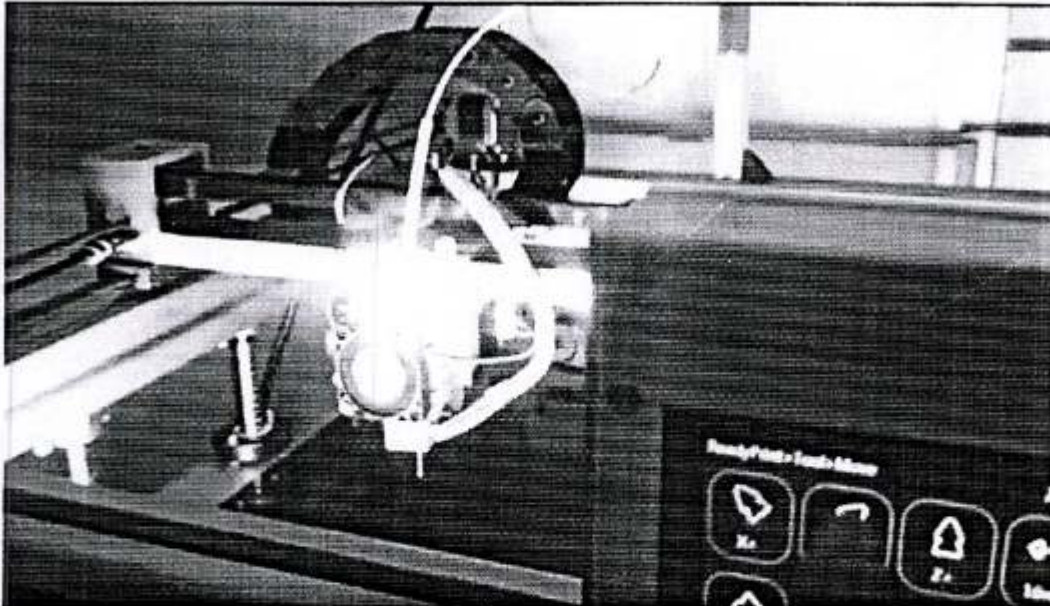
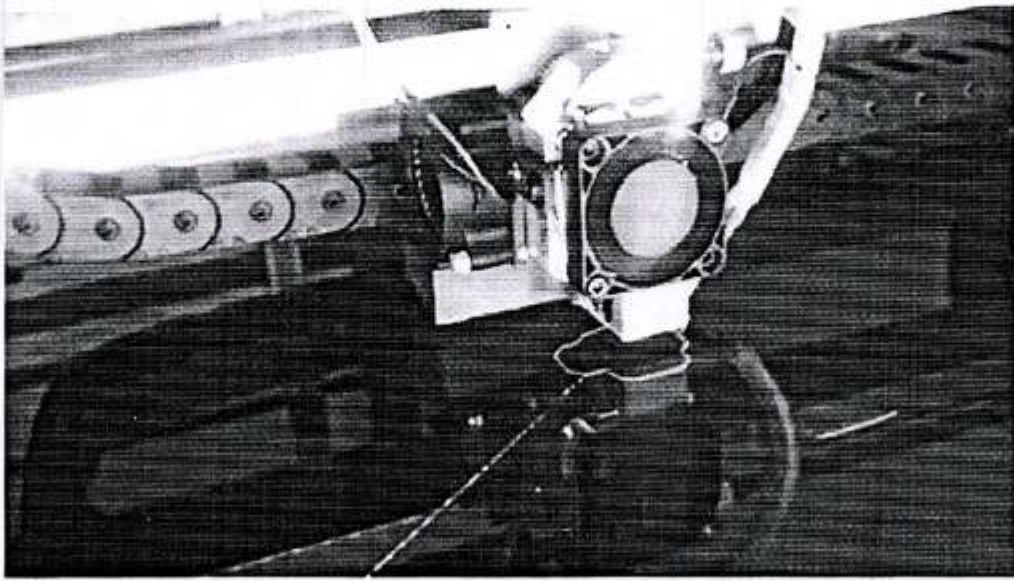
Tour Report

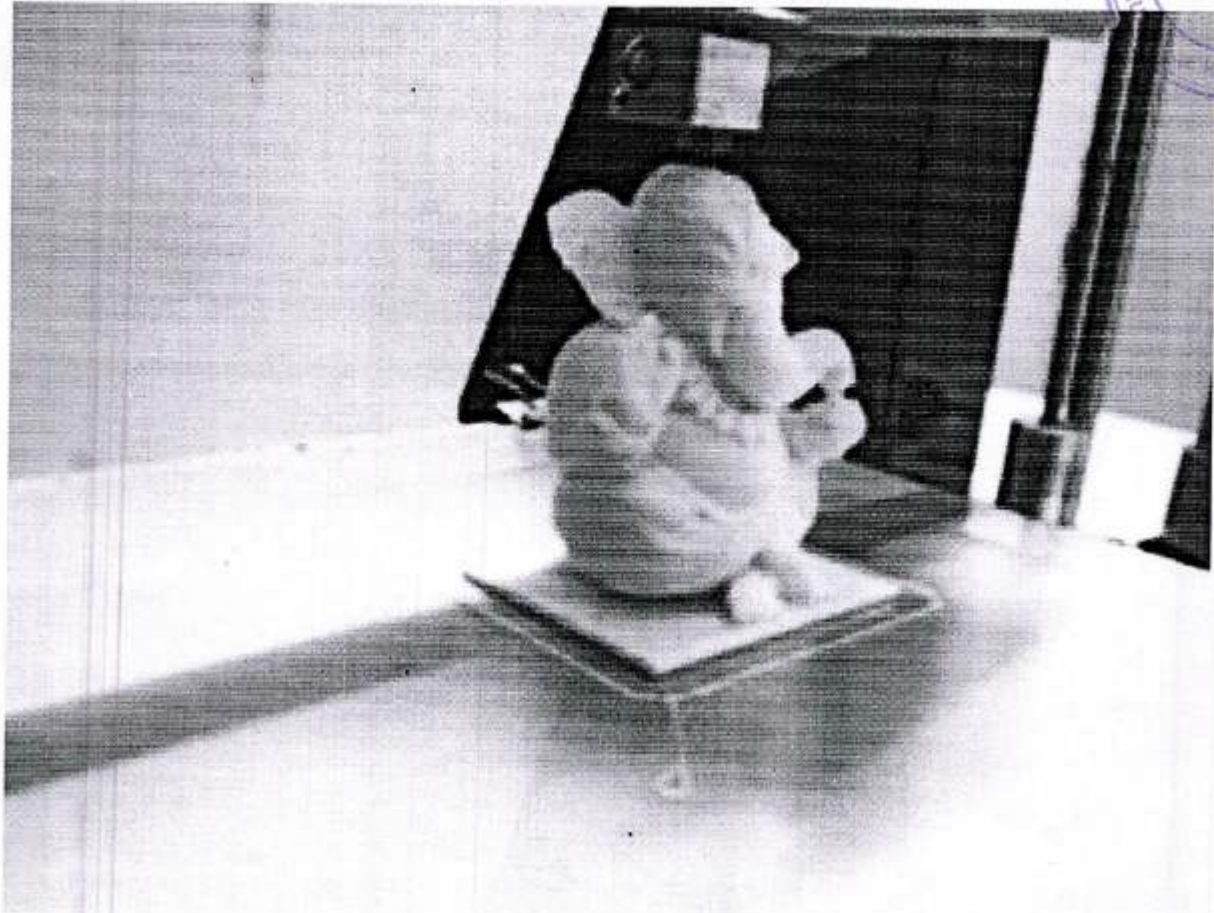
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Yashwantrao Chavan College of Science, Karad

Department of Electronics

Feedback form

Industrial Visit at ZINNOVITUB system private limited uIT society Karad

Name axekar sanket subhas of the

Student:

Class: BSC-III Roll No. 3008

		Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Poor (1)
1	Organization of Industrial Visit	✓				
2	Location selected for the industry visit/study		✓			
3	The response of Industrial expert	✓				
4	Encouragement for the startup	✓				
5	Over all Departmental co-operation & schedule management	✓				

Date . 10/05/2023

Sign. JKS



(Handwritten Signature)

Principal

Yashwantrao Chavan College of Science, Karad





Yashwantrao Chavan College of Science, Karad

Department of Electronics

Feedback form

Industrial Visit at INNOVHUB System Private Limited G.H. Society Karad
Name _____ of _____ the _____ Student: _____
Dubai Harshani Nivas
Class: B:SC-III Roll No. 3007

		Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Poor (1)
1	Organization of Industrial Visit	✓				
2	Location selected for the industry visit/study		✓			
3	The response of Industrial expert	✓				
4	Encouragement for the startup		✓			
5	Over all Departmental co-operation & schedule management	✓				

Date - 10/05/2023

Sign.

D.H.N

Principal

Yashwantrao Chavan College of Science,



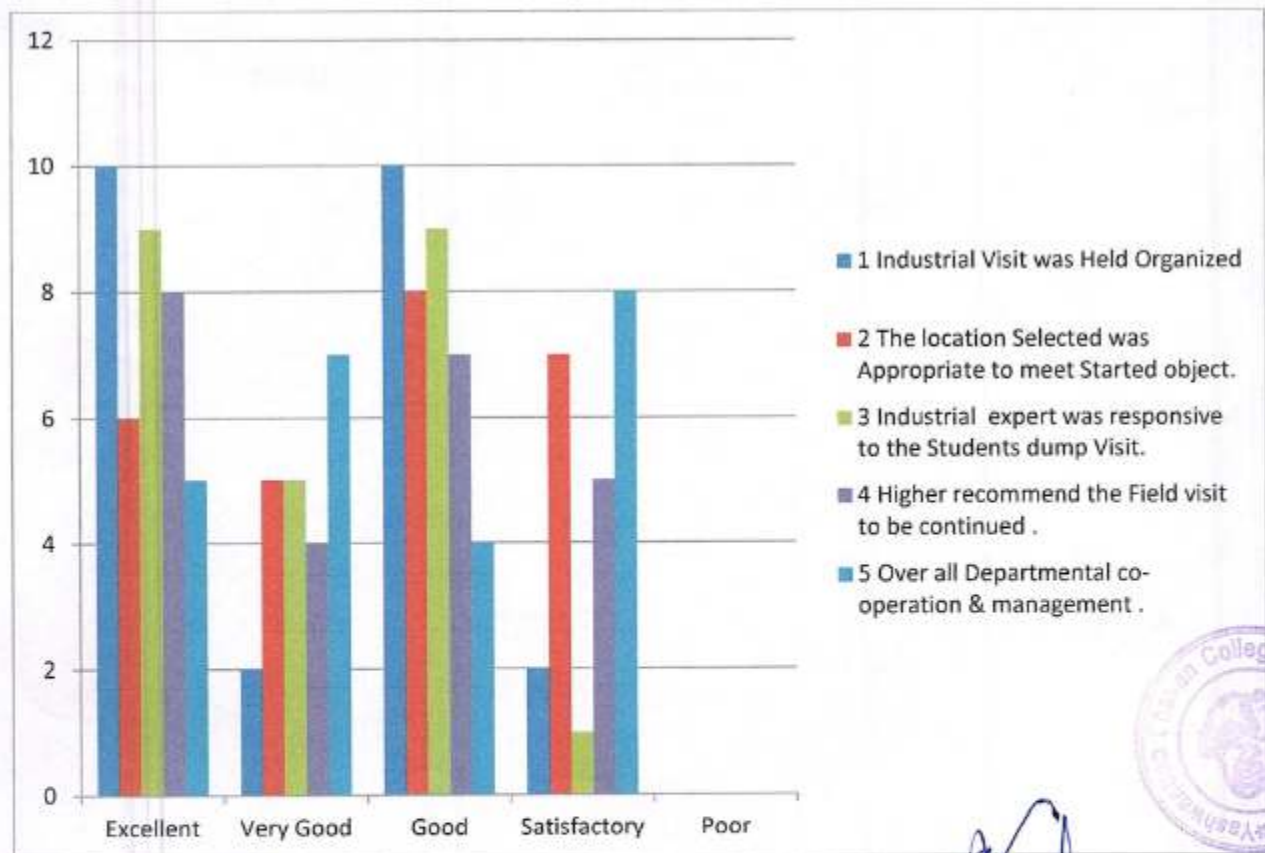
Yashwantrao Chavan College of Science, Karad

Department of Electronics

Feedback form

Year (B.Sc. III) 2022-23

		Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Poor (1)
1	Industrial Visit was Held Organized	7	4			
2	The location Selected was Appropriate to meet Started object.	4	7			
3	Industrial expert was responsive to the Students dump Visit.	9	2			
4	Higher recommend the Field visit to be continued .	4	4	3		
5	Over all Departmental co-operation & management .	2	1	8		



my
HEAD

Department of Electronics
Yashwantrao Chavan College of Science,
Karad

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Yashwantrao Chavan College of Science, Karad



Yashwantrao Chavan College of Science, Karad

Department of Electronics

Industrial Visit -2022-23

Class – B.Sc.II

INDEX



Sr. No.	Content
1	One Page Report
2	Visit Letter
3	List of Student
4	Industrial Visit Report with Certificates
5	Feedback


HOD

Department of Electronics
Yashwantrao Chavan College of Science,
Karad


Principal

Yashwantrao Chavan College of Science, Karad



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Shri Shivaji Education Society Karad, Board For Higher Education's

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, KARAD - 415 124 Dist. Satara (Maharashtra)

☎ 02164 - 271356, 271357 Fax : 02164-271356, e-mail : prinyccsk@gmail.com

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AN ISO 9001-2015 CERTIFIED COLLEGE REG. NO. : RQ91/5237

Ref No:-

Date

To,

Mr.Avadhut Deshmukh

A3DXYZ Devices & System ,Karad.

Subject : Thanking letter

Respected Sir,

Our B.Sc.II or B.Sc.III (Electronics) Students visited to A3DXYZ Devices and System.

They Observed and learnt know hows of printer. Also they learnt functioning of printer.

We are thankful to you for this co operation.

Thanking You,

Yours faithfully,

Principal

Yashwantrao Chavan College of Science, Karad



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Shri Shivaji Education Society Karad, Board For Higher Education's

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Reaccredited B** Level by NAAC, Bangalore

AN ISO 9001-2015 CERTIFIED COLLEGE REG. NO. : RQ91/5237

Ref No:- 22/23

Date 26/4/23

To,

Mr. Avadhut Deshmukh

A3DXYZ Devices & System ,Karad.

Subject :- About visiting company .

Respected Sir,

We have industrial visit as a part of Syllabus .

Hence we wish to visit A3DXYZ company on 31/05/2023 , Wednesday.

Please allow us to visit the Company .

The No. of Student visiting will be 12 , Two Teachers will escort them.

Thanking You,


Yours faithfully,
Principal

Yashwantrao Chavan College of Science, Karad



Yashwantrao Chavan College of Science, Karad ACTIVITY REPORT



Name of the Department: Electronics		Academic Year – 2022-23
Name of the activity	B.Sc. II Electronics Students Field Work / Visit	
Purpose of Program	To makes students know resent rends in Electronics	
No. of Students Participated	12	
No. of Teachers Participated	02	
Program outcomes	1) Students are updated with the recent knowledge in Electronics. 2) Students are inspired by the recent development in Electronics	
Program Photo		

Teacher In charge

Signature
Head of the Department

Signature
Principal

Principal

Yashwantrao Chavan College of Science, Karad



Yashwantrao Chavan College of Science, Karad

DEPARTMENT OF ELECTRONICS

List of Student B.Sc.II (2022-23)

Industrial visit to INNOVHUB SYSTEM PRIVATE LIMITED,
Gajanan House Society ,Karad.

Sr.No.	Roll No	Name	class
1	2001	BANDEKAR APOORV VASANT	B.Sc . II
2	2002	DODMANI RAHUL RAJU	B.Sc . II
3	2003	FADATARE SHUBHAM DHANAJI	B.Sc . II
4	2004	JAGTAP SANIKA NIVAS	B.Sc . II
5	2005	KADAM MANOJ ANANDRAO	B.Sc . II
6	2006	KUMBHAR KARAN HANMANT	B.Sc . II
7	2007	MALI OMKAR MAHADEV	B.Sc . II
8	2008	MANDALE AMRUTA AVINASH	B.Sc . II
9	2009	MANE PRAJWAL MANOJ	B.Sc . II
10	2010	MORE AKASH DIPAK	B.Sc . II
11	2011	NALAWADE PRAKASH ASHOK	B.Sc . II
12	2012	NAYAKAWADI ALPHAN ZAKIR	B.Sc . II



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Karad



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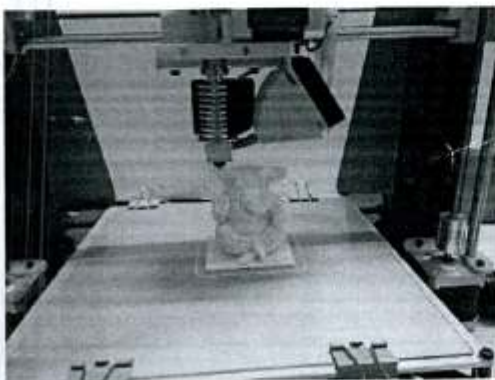
TOUR REPORT

As part of the MOU with Innovhub Systems Private Limited, our Department arranged industrial visit on 30th May 2023. The aim of visit was to collect information about 3D printer.

As per program, Shri. R. S Deshmukh, Director, Innovhub Systems Private Limited discussed valuable information about 3D printer with their steps of assembling, installation, working and testing.

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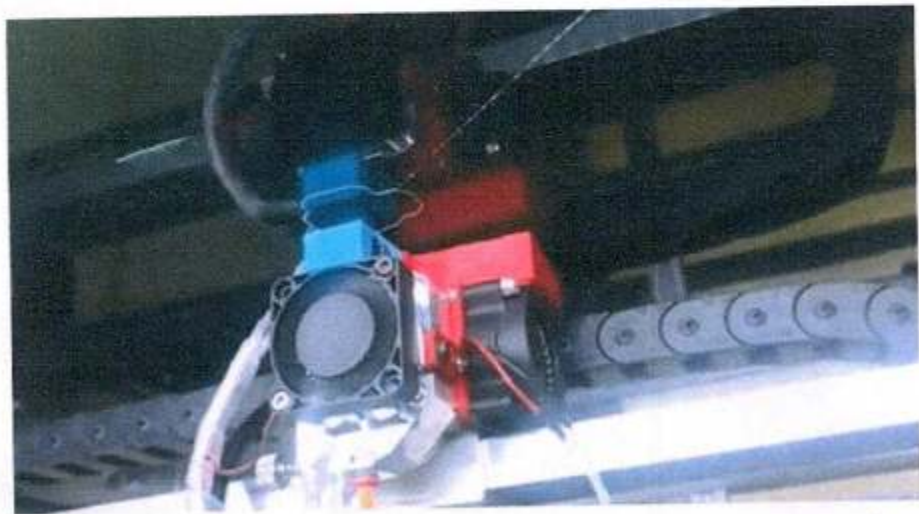
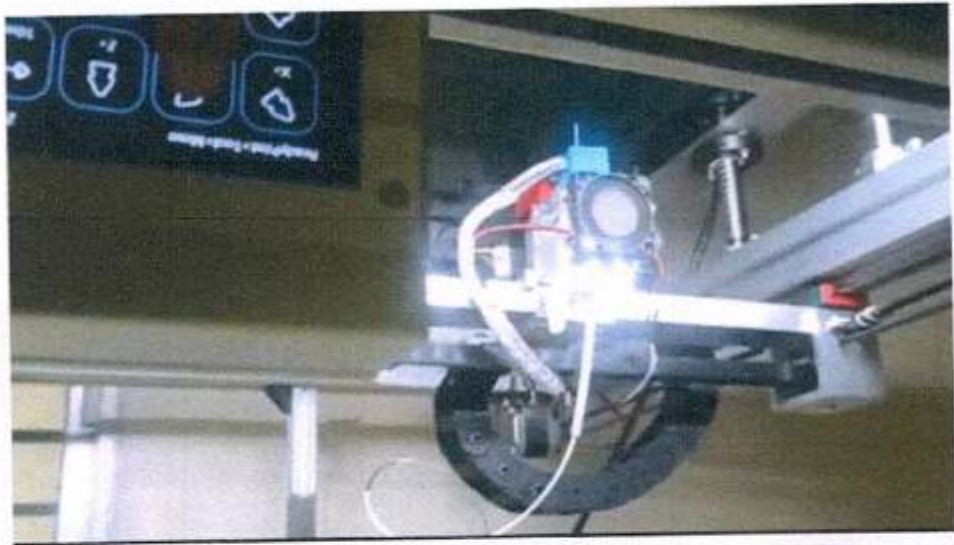
my

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Department of Electronics
Yashwantrao Chavan College of Science,
Karad

[Signature]
Principal

Yashwantrao Chavan College of Science, Karad





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Karad

[Signature]

Principal
Yashwantrao Chavan College of Science, Karad

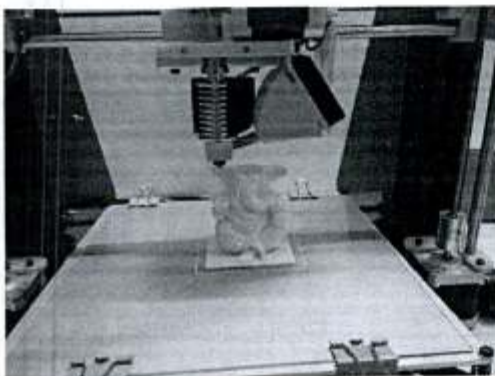
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YASHWANT RAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF ELECTRONICS

CERTIFICATE

Industrial Visit 2022-23

This is to certify that Mr./Miss. Dodmani Rahul Raju

of B.Sc. II class participated in the Industrial Visit organized by Department of Electronics Innovhub Systems Private Limited, GH Society, Karad

He/She has submitted his/her industrial visit report on 31 May 2023.

[Signature]
Tour In-charge

[Signature]
Examiner

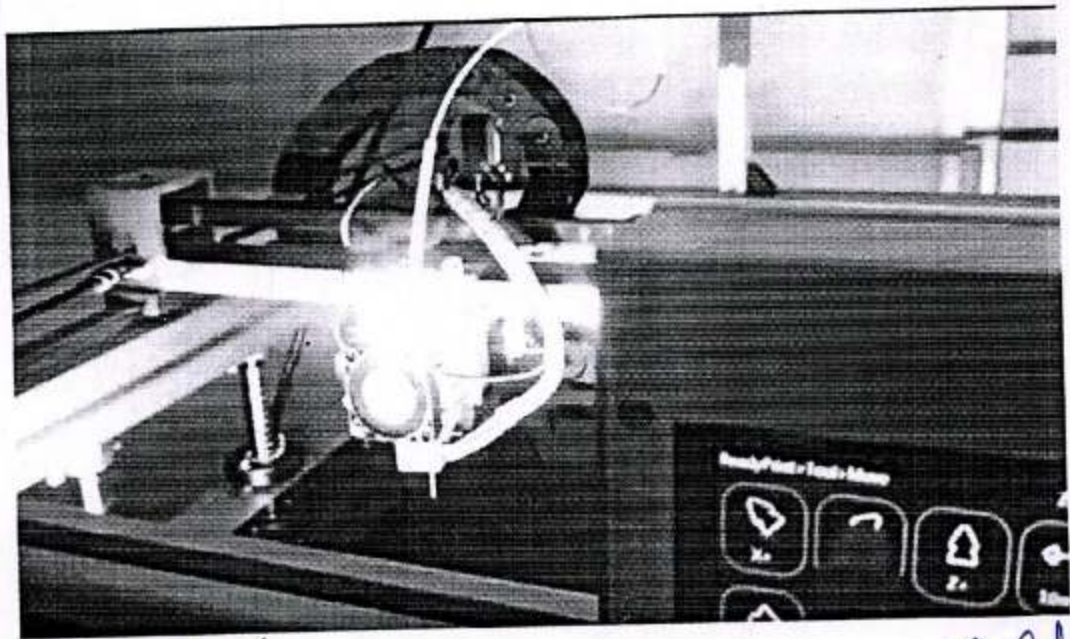
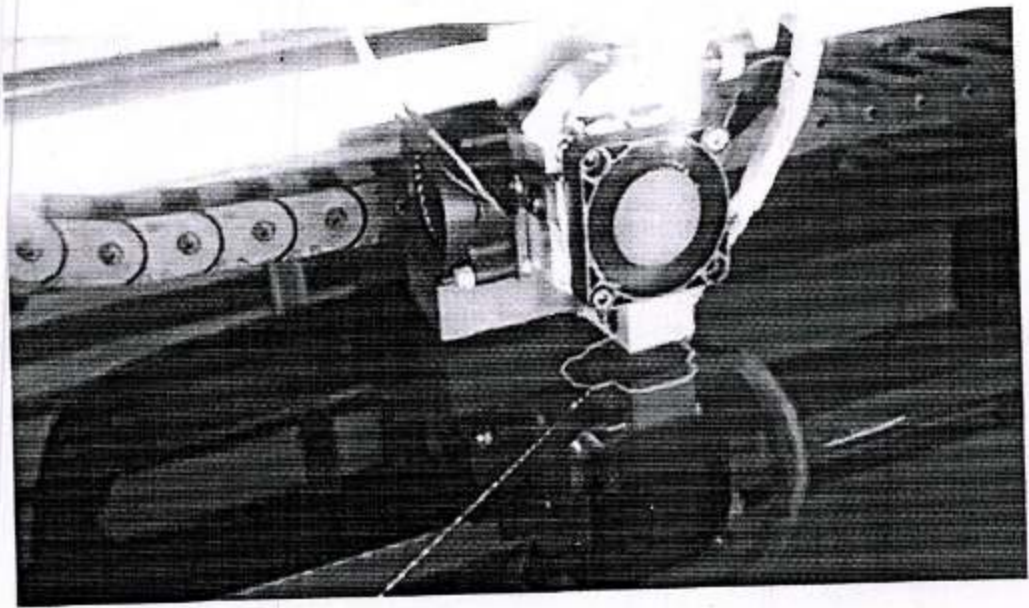
[Signature]
HOD
HEAD
Department of Electronics
Yashwantrao Chavan College of Science,
Karad

[Signature]

Principal

Yashwantrao Chavan College of Science, Karad





my

HEAD
Department of Electronics
Yashwantrao Chavan College of Science,
Karad



[Signature]
Principal

Yashwantrao Chavan College of Science, Kara



A handwritten signature in blue ink, appearing to be "Anand", is written over the printed name of the Principal.

Principal

Yashwantrao Chavan College of Science, Karad



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF ELECTRONICS

CERTIFICATE

Industrial Visit 2022-23

This is to certify that Mr. ~~Miss.~~ Shinde Bharat Madhukar.
of B.Sc. II class participated in the Industrial Visit organized by Department of
Electronics Innovhub Systems Private Limited, GH Society, Karad

He/~~She~~ has submitted his/~~her~~ industrial visit report on 31 May 2023.

Shubham

Tour In-charge

MS

Examiner

my

HOD

HEAD

Department of Electronics
Yashwantrao Chavan College of Science,
Karad



[Signature]

Principal

Yashwantrao Chavan College of Science, Karad



Yashwantrao Chavan College of Science, Karad

Department of Electronics

Feedback form

Industrial Visit at Innovhubsystem Private Limited, WH society Karad

Name Patil Shantanu Bhaskar of the Student:

Class: B.E-III Roll No. 2014

		Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Poor (1)
1	Organization of Industrial Visit	✓				
2	Location selected for the industry visit/study	✓				
3	The response of Industrial expert		✓			
4	Encouragement for the startup	✓				
5	Over all Departmental co-operation & schedule management	✓				

Date 31/05/2023

Sign. Patil



(Signature)

Principal

Yashwantrao Chavan College of Science, Karad





Yashwantrao Chavan College of Science, Karad

Department of Electronics

Feedback form

Industrial Visit at Innovhub systems Private Limited GEM Society, Karad,
Name _____ of _____ the _____ Student: _____

Class: B.Sc.-II Roll No. 2010

		Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Poor (1)
1	Organization of Industrial Visit	✓				
2	Location selected for the industry visit/study		✓			
3	The response of Industrial expert		✓			
4	Encouragement for the startup	✓				
5	Over all Departmental co-operation & schedule management	✓				

Date 31/05/2023

Sign. _____

Principal

Yashwantrao Chavan College of Science, Karad



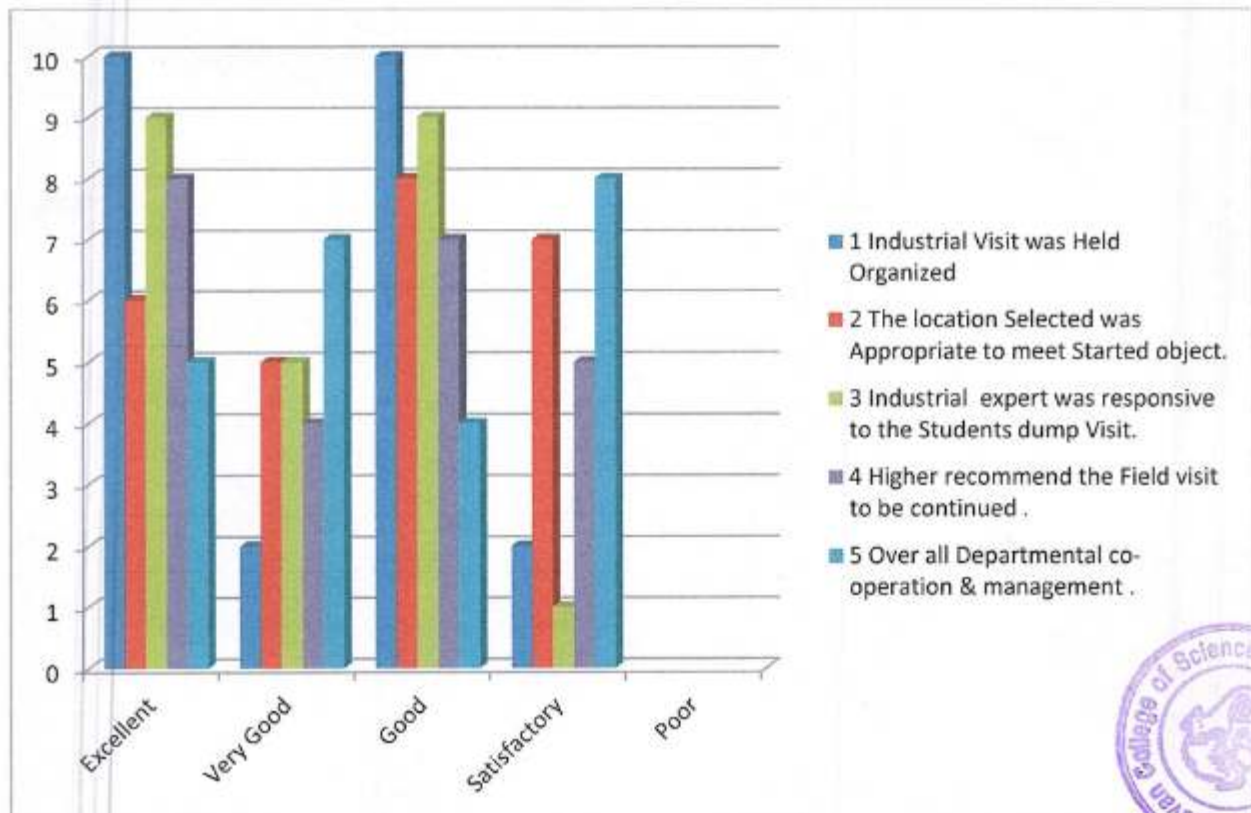
Yashwantrao Chavan College of Science, Karad

Department of Electronics

Feedback form

Year (B.Sc. II) 2022-23

		Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Poor (1)
1	Industrial Visit was Held Organized	4	5	3		
2	The location Selected was Appropriate to meet Started object.	4	3	5		
3	Industrial expert was responsive to the Students dump Visit.	4	8			
4	Higher recommend the Field visit to be continued .	3	6	3		
5	Over all Departmental co-operation & management .	6	6			



my

HEAD

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Yashwantrao Chavan College of Science,
Karad

[Signature]
Principal

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☎ 02164 - 271356, 271357 e-mail : prinyccsk@gmail.com

UDISE Code - 27310207715

Index No. J 21.02.002

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AN ISO 9001-2015 CERTIFIED COLLEGE REG. NO. : RQ91/5237

Ref /453/2022-23

Date - 31/03/2023

To,
The Director,
Gadre Industries,
Ratnagiri.

Sub- Permission to visit Industry.

Sir,

A party of Zoology student of B.Sc.II and three professor intends to visit your highly esteemed industry for educational purpose. The party will reach at your industry on 7th April 2023. Here with I request you to sanction them the necessary permission to visit your industry and also provide them valuable guidance to observe the industry.

Thanking You.

Head

Department of Zoology

Yashwantrao Chavan College of Science, Karad



Yours Faithfully,

Principal

Yashwantrao Chavan College
of Science, Karad



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Vidyanagar, KARAD - 415 124 Dist. Satara (Maharashtra)

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AN ISO 9001-2015 CERTIFIED COLLEGE REG. NO. : RQ91/5237

Ref / 2/2022-23

Date - 03/04/2023

To,

The Director,

Ratnagiri Marine Fish Museum,

272P+FG7, Sadanand Wadi, Ratnagiri-415612

Sub- Permission to visit Industry.

Sir,

A party of Zoology student of B.Sc.II and three professor intends to visit your highly esteemed industry for educational purpose. The party will reach at your industry on 7th April 2023. Here with I request you to sanction them the necessary permission to visit your industry and also provide them valuable guidance to observe the industry.

Thanking You.



Head

Department of Zoology
Yashwantrao Chavan College of Science, Karad

Yours Faithfully,

Principal
Yashwantrao Chavan College
of Science, Karad



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.

Department of Zoology

B.Sc. II (Study Tour)

Date – 07/04/2023

Study tour of above class is arranged to Ratnagiri on 10th April 2023.
This is for information to all concern.



for **Head**
Dept of Zoology



Principal



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DAY:	REF. NO.: YCCSK/LAB/F -
PAGE :	REV. NO.: 00

STUDY TOUR REPORT

Year 2022-23

CLASS: B.sc II Zoology

TOTAL NUMBER OF STUDENTS: 33

DATES OF STUDY TOUR: 10 April 2023

PLACES OF VISIT: Ratnagiri

MODE OF JOURNEY: Private Vehicle (Bus Hired from Private Agency)


NAMES OF THE TEACHERS ACCOMPANYING: 1) Mrs. Mulla K.C
2) Miss. Sankpal.D. S
3) Shri. Sawant.R. J

DATE & TIME OF DEPARTURE FROM KARAD: 10 April 2023, 6.00 a.m.

DATES & PLACES OF VISIT:

DATE OF VISIT	PLACE OF VISIT	HIGHLIGHTS OF VISIT
10 April 2023	Ratnagiri	Students gained knowledge about the habitat of fish

DATE & TIME OF ARRIVAL AT KARAD: 10 April 2023, 10:00 p.m.


Teacher in-charge




Head
Department of Zoology
Yashwantrao Chavan College of Science, Karad


Principal
Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.

Department of Zoology

B.Sc. II (Study Tour)

Date:- 07/04/2023

- 1) Name of the Department : Zoology
- 2) class & Subject for which study tour is arranged.- B.Sc. II- Zoology
- 3) Number of students accompanying - 33
- 4) Place of visit & Approximate distance of traveling- Ratnagiri - 300km
- 5) Date of departure and arrival -- Departure - 10/04/2023- 6.00 am
Arrival - 10/04/2023- 10.00 pm
- 6) Mode of journey -- By Hired vehicle
- 7) Name of the staff members accompanying tour.
 - 1) Mrs. Mulla. K. C.
 - 2) Miss. Sankpal. D. S.
 - 3) Shri. Sawant. R. J.



Mulla
for Head
Dept. of Zoology

A handwritten signature in blue ink, appearing to be "Sankpal".

Principal
Yashwantrao Chavan College
of Science, Karad.



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AN ISO 9001-2008 CERTIFIED COLLEGE REG. NO. : RQ91/5237
Department of Zoology Date - 01/04/2023

UNDERTAKING B.Sc. II. STUDY TOUR - 2022-23

We are undersigned students of B.Sc.II(Zoology) are attending an educational tour with our teachers to Ratnagiri 01/04/2023(6.00am) till arrival at Karad to visit places of educational interest. We are travelling on our own risk and we further declare that we all will follow, the the time shedule & obey the orders of the incharge throughtout the tour.

Parent's

Sr. No	Name of the Student	Mobile No	Signature
1	Nalawade Sayali Shankar	9881703781	
2	Yadav Vaishnavi Prakash	9373821745	
3	Kolhapure Sayali Vidyasagar	9356826053	
4	Kajave Shritej Rajaram	7517793199	
5	Kadam Tejashree Ramkoushn	7249658964	
6	Patil Shivani Balu	9579645027	
7	Gurav Pooja Anandran	9881801845	
8	Kadam Archi Suresh	7499824632	
9	Gurav Aaditi Dattatray	9960631208	
10	Tujar Gauri Pundlik	8975456606	
11	Shinde Pragati Mahadev	9168907994	
12	Dupate sandali Ramesh	8857983943	
13	Kadam Sanjivani Jalindar	7768908686	
14	Tadav prasad Shrimant	7507217913	
15	Yadav Neha Nivav	9325651294	
16	Chavan Satshi Shivaji	8208113210	
17	Mane Rugved Rajendra	8956994972	
18	Thorat shrikhar Ashok	7620535100	
19	Tadav Rutuja Vikram	9960572615	
20	Bhosale Harshwardhan Asav	8459855788	
21	Shadab Tnaiman	9322025506	
22	Chavan Ritesh Sambhaji	9970460774	
23	Jadhav Tejashri Madan	8888091720	
24	Patil Manasi Arvind	9860940035	
25	Deshmukh Supriya sanjay	8390843532	
26	JAWARE KUMAR BAZASO	9763991948	
27	Thorat Rohit Anil	7499535464	
28	Nikam Nehali Nandkumar	9657822003	
29	Khandaat Prajaktumesh	8757204035	
30	Kadam Prakhmesh Premnath	7659672030	
31	Thorat Niranjan Santosh	7058505120	
32	Shinde Samir Santosh	7620282997	
33	Pol Nikita		
34			
35			
36			
37			
38			

Chavanwadi

Dhondwad

No call

clg

clg

clg



Signature

22-23

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DATE:	REF. NO.: YCCSK/LAB/F-
PAGE :	REV. NO.: 00

STUDY TOUR REPORT

Year 2022-2023

CLASS: **B.sc III Zoology**

TOTAL NUMBER OF STUDENTS: 30

DATES OF STUDY TOUR:

17 feb 2023

PLACES OF VISIT:

Harne and Karde Beech

MODE OF JOURNEY: **Private Vehicle (Bus Hired from Private Agency)**

NAMES OF THE TEACHERS ACCOMPANYING:

- 1) Mrs .mandale -Naik T.S
- 2) Miss Sankpal D.S

DATE & TIME OF DEPARTURE FROM KARAD: : 17 feb 2023 6.00 a.m.

DATES & PLACES OF VISIT:


DATE OF VISIT	PLACE OF VISIT	HIGHLIGHTS OF VISIT
17 feb 2023 6.00 a.m.	Harne and Karde Beech	Students gained knowledge about the habitat of fish


DATE & TIME OF ARRIVAL AT KARAD: 17 feb 2023 11.00 p.m.


Teacher in-charge




Head
Department of Zoology
Yashwantrao Chavan College of Science, Karad


Principal
Yashwantrao Chavan College of Science, Karad.



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.

Department of Zoology

STUDY TOUR PROGRAMME

B.Sc. III (Study Tour)


Date:- 15/02/2023

- 1) Name of the Department : Zoology
- 2) class & Subject for which study tour is arranged.- B.Sc. III- Zoology
- 3) Number of students accompanying – 10
- 4) Place of visit & Approximate distance of traveling- Harde & Karde Beach
- 350 km
- 5) Date of departure and arrival -- Departure - 17/02/2023 6.00 am
Arrival -17/02/2023 11.00 pm
- 6) Mode of journey -- By Hired Vehicle
- 7) Name of the staff members accompanying tour.
 - 1) Mrs. Madane. T. S.
 - 2) Miss. Sankpal. D. S.



Head
Dept. of Zoology




Principal
Yashwantrao Chavan College
of Science, Karad.



Estd. 1958

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YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, KARAD - 415 124 Dist. Satara (Maharashtra)

☎ 02164 - 271356, 271357 e-mail : prinyccsk@gmail.com

UDISE Code - 27310207715 Index No. J 21.02.002

Reaccredited B⁺ Level by NAAC, Bangalore

AN ISO 9001-2015 CERTIFIED COLLEGE REG. NO. : RQ91/5237

UNDERTAKING

Department of Zoology

Date- 15/02/2023

B.Sc. III. STUDY TOUR - 2022 - 23

We are undersigned students of B.Sc.III(Zoology) are attending an educational tour with our teachers to Karde & Harne 17/2/2023(6.00am) till arrival at Karad to visit places of educational interest. We are travelling on our own risk and we further declare that we all will follow the the time shedule & obey the orders of the incharge throughtout the tour.

Sr. No	Name of the Student	Age	Signature
1	KORE NIYANTA ARUN	20	
2	KOLEKAR PIYUSHA MANOHAR	20	<i>Kolekar Piyusha</i>
3	SHIKALGAR SANIYA RAMJAN	20	<i>Saniya</i>
4	SONAWALE SIDDHI VINOD	20	<i>Sonawale</i>
5	AMBAWADE PRIYA ANANDA	20	<i>Ambawade</i>
6	MALI SONALI RAMCHANDRA	20	
7	YADAV ANIKET MARUTI	19	
8	SHINDE SURAJ ANANDRAO	20	<i>Shinde</i>
9	CHAVAN MEGHA RAMCHANDRA	19	
10	GURAV RUPALI RAJENDRA	28	

[Signature]
Head

Department of Zoology

Yashwantrao Chavan College of Science, Karad



[Signature]
Principal

Yashwantrao Chavan College
of Science, Karad



[Signature]



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UNDERTAKING

Department of Zoology

Date- 15/02/2023

B.Sc. III. STUDY TOUR - 2022 - 23

We are undersigned students of B.Sc.III(Zoology) are attending an educational tour with our teachers to Karde & Harne 17/2/2023(6.00am) till arrival at Karad to visit places of educational interest .We are travelling on our own risk and we further declare that we all will follow the the time shedule & obey the orders of the incharge throughtout the tour.

Sr. No	Name of the Student	Age	Signature
1	KORE NIYANTA ARUN	20	
2	KOLEKAR PIYUSHA MANOHAR	20	<i>Kolekar P</i>
3	SHIKALGAR SANIYA RAMJAN	20	<i>Saniya</i>
4	SONAWALE SIDDHI VINOD	20	<i>Sonawale</i>
5	AMBAWADE PRIYA ANANDA	20	<i>Ambawade</i>
6	MALI SONALI RAMCHANDRA	20	
7	YADAV ANIKET MARUTI	19	
8	SHINDE SURAJ ANANDRAO	20	<i>Shinde</i>
9	CHAVAN MEGHA RAMCHANDRA	19	
10	GURAV RUPALI RAJENDRA	28	

Head

Department of Zoology
Yashwantrao Chavan College of Science, Karad



Principal

Yashwantrao Chavan College
of Science, Karad



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Ref /285/2022-23

Date- 10/11/2022

To,
The Director,
Maharashtra State Khadi
Gramoudyog Mandal,
Apiculture Center, Mahableshwar
Building No.5, Mahableshwar.

Sub- Permission to visit apiculture center.

Sir,

A party of 11 Zoology student of B.Sc.III and two professor intends to visit your highly esteemed center for educational purpose. The party will reach at your center on 15th Nov. 2022 at 3.00 pm.

Here with I request you that please sanction them the necessary permission to visit your center and also provide them valuable guidance to observe the apiculture center.

Thanking You.



Yours Faithfully,


Principal
Yashwantrao Chavan College
of Science, Karad



Estd. 1958

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Ref /285/2022-23

Date- 12/11/2022

To,
The Director,
Maharashtra State Khadi
Gramoudyog Mandal,
Sericulture Center,Wai
WAI.

Sub- Permission to visit sericulture center.

Sir,

A party of 11 zoology student of B.Sc.III and two professor intends to visit your highly esteemed center for educational purpose. The party will reach at your center on 15th Nov. 2022 at 9.00 am.

Here with I request you that please sanction them the necessary permission to visit your center and also provide them valuable guidance to observe the sericulture center.

Thanking You.



Yours Faithfully,


Principal
Yashwantrao Chavan College
of Science, Karad




YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.

Department Of Zoology

B.Sc. III (Study Tour) Date - 12/11/2022

Study tour of above class is arranged to Mahabaleshwar, Wai on 15th Nov. 2022.

All concern should note and follow.


Head
Dept. of Zoology
Yashwantrao Chavan College of Science, Karad

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.

Department of Zoology

STUDY TOUR PROGRAMME

B.Sc. III (Study Tour)

Date:- 12/11/2022

- 1) Name of the Department : Zoology
- 2) class & Subject for which study tour is arranged.- B.Sc. III- Zoology
- 3) Number of students accompanying – 09
- 4) Place of visit & Approximate distance of traveling- Mahabaleshwar, Wai
- 350 km
- 5) Date of departure and arrival -- Departure - 15 / 11 / 2022 7.00 am
Arrival -15 / 11 / 2022 9.00 pm
- 6) Mode of journey -- By Hired Vehicle
- 7) Name of the staff members accompanying tour.
 - 1) Mrs. Madane. T. S.
 - 2) Mrs. Mulla. K. C.




Head
Dept. of Zoology
Yashwantrao Chavan College of Science, Karad


Principal
Yashwantrao Chavan College
of Science, Karad.



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UNDERTAKING

Department of Zoology Date- 13/11/2022
B.Sc. III. STUDY TOUR - 2022 - 23

We are undersigned students of B.Sc.III(Zoology) are attending an educational tour with our teachers to Mahabaleshwar 15/11/2022(7.00am) till arrival at Karad to visit places of educational interest .We are travelling on our own risk and we further declare that we all will follow the the time shedule & obey the orders of the incharge throughtout the tour.

Sr. No	Name of the Student	Age	Signature
1	KORE NIYANTA ARUN	20	
2	KOLEKAR PIYUSHA MANOHAR	20	
3	SHIKALGAR SANIYA RAMJAN	20	
4	SONAWALE SIDDHI VINOD	20	
5	SUPNEKAR SUMIT BIHAGWAN	19	
6	AMBAWADE PRIYA ANANDA	20	
7	MALI SONALI RAMCHANDRA	20	
8	YADAV ANIKET MARUTI	19	
9	SHINDE SURAJ ANANDRAO	20	
10	CHAVAN MEGHA RAMCHANDRA	19	
11		20	



Principal
Yashwantrao Chavan College
of Science, Karad

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DATE:	REF. NO.: YCCSK/LAB/F -
PAGE :	REV. NO.: 00

STUDY TOUR REPORT

Year 2022-2023

CLASS: B. Sc. III Zoology
DATES OF STUDY TOUR: 15th Nov 2022
PLACES OF VISIT: Mahabaleshwer, Wai
MODE OF JOURNEY: Private Vehicle (Bus Hired from Private Agency)
NAMES OF THE TEACHERS ACCOMPANYING: 1) .Mrs Madane T.S
2) Mrs Mulla K.C

DATE & TIME OF DEPARTURE FROM KARAD: 15th Nov 2022

DATES & PLACES OF VISIT:


DATE OF VISIT	PLACE OF VISIT	HIGHLIGHTS OF VISIT
15 th Nov 2022	Apiculture center	Students gained knowledge about the habitat of Honey bee
15 th Nov 2022	Sericulture center	Student gained Students gained knowledge about the sericulture

DATE & TIME OF ARRIVAL AT KARAD: : 15th Nov 2022 10 p.m


Teacher in-charge




Head
Department of Zoology
Yashwantrao Chavan College of Science, Karad


Yashwantrao Chavan College
of Science, Karad.



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.
Study tour 2022-2023

- 1) **Name of the Department** :- Physics
- 2) **Class for which** :- B.Sc. Part II & III
Tour is arranged
- 3) **No. of Students accompanying** :- 11
- 4) **Place of visits and approximate** :-
Distance of traveling :- 320km.
Place :- Vankusavade (Wind Park) &
Anjanvel (Light House)
Total Distance :- 320 km. (approx)
- 5) **Date of departure and arrival** :- 14th Dec. 2022
 - a)Departure from Karad :- 7.30 a.m.
 - b) Arrival at Vankusavde :- 10.00 a.m.
 - c)Visit to Wind Mill Park. :- 10.30 a.m. to 12.00 p.m.
 - d)Lunch Break :- 12.00 p.m. to 1.00 p.m.
 - e)Visit to Light House :- 3.00 p.m. to 5.00 p.m.
 - f)Departure from Anjanvel :- 05.00 p.m.
 - g)Arrival at Karad :- 08.00 p.m.
- 6) **Mode of Journey** :- Vehicle
- 7) **Name of the Staff** :- Miss.Madane P.K
Miss.Jagadale A.S.



Madane
(Tour in-charge)



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YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD DEPARTMENT OF PHYSICS B.Sc. – II & III (2022-23)

Following Students and Staff are on Educational Tour On 14/12/2022.

Sr. No.	Roll No.	Name of the Students
1	3001	Kumbhar Sayali Prakash
2	2004	Jagtap Sanika Nivas
3	2035	Yadav Shivanjali Vinayak
4	2093	Chavan Sneha Ravindra
5	2033	Pawar Digvijay Raviraj
6	2094	Dalavi Atharvaraj Sambhaji
7	2091	Bhoite Vishal Hanmant
8	2032	Jadhav Vishwamohini Yuvaraj
9	2031	Gaikwad Prajakta Ankush
10	2013	Nikam Siddhi Ramesh
11	2036	Kamble Prashant Keshav

Name of the Staff Member

1	Miss.Pallavi Kisan Madane
2	Miss.Ashwini Shankar Jagadale


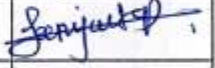
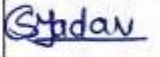
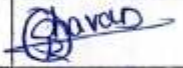
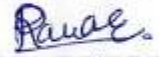
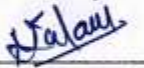
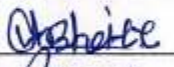
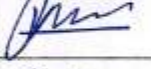
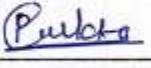

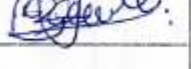


Yours faithfully


Principal.
Yashwantrao Chavan College of Science
Karad

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD.
DEPARTMENT OF PHYSICS
B.Sc. – II & III (2022-23)

Following Students and Staff are on Educational Tour On
 14/12/2022.

Sr. No.	Roll No.	Name of the Students	Mobile No. Students	Parents Mobile No.	Students Signature
1	3001	Kumbhar Sayali Prakash	8530861536	9621528330	
2	2004	Jagtap Sanika Nivas	7823848910	7350497101	
3	2035	Yadav Shivanjali Vinayak	9096990723	9552129719	
4	2093	Chavan Sneha Ravindra	9561738315	9921542330	
5	2033	Pawar Digvijay Raviraj	9028507673	9373173881	
6	2094	Dalavi Atharvaraj Sambhaji	7058312164	9623426049	
7	2091	Bhoite Vishal Hanmant	8530774737	8390414714	
8	2032	Jadhav Vishwamohini Yuvaraj	8767921392	8999649210	
9	2031	Gaikwad Prajakta Ankush	7498103624	9373097789	
10	2013	Nikam Siddhi Ramesh	9604098887	9604028887	
11	2036	Kamble Prashant Keshav	7499762273	9763130447	
12	Staff	Miss.Pallavi Kisan Madane	9637232184	-	
13	Staff	Miss.Ashwini Shankar Jagadale	9604098943	-	

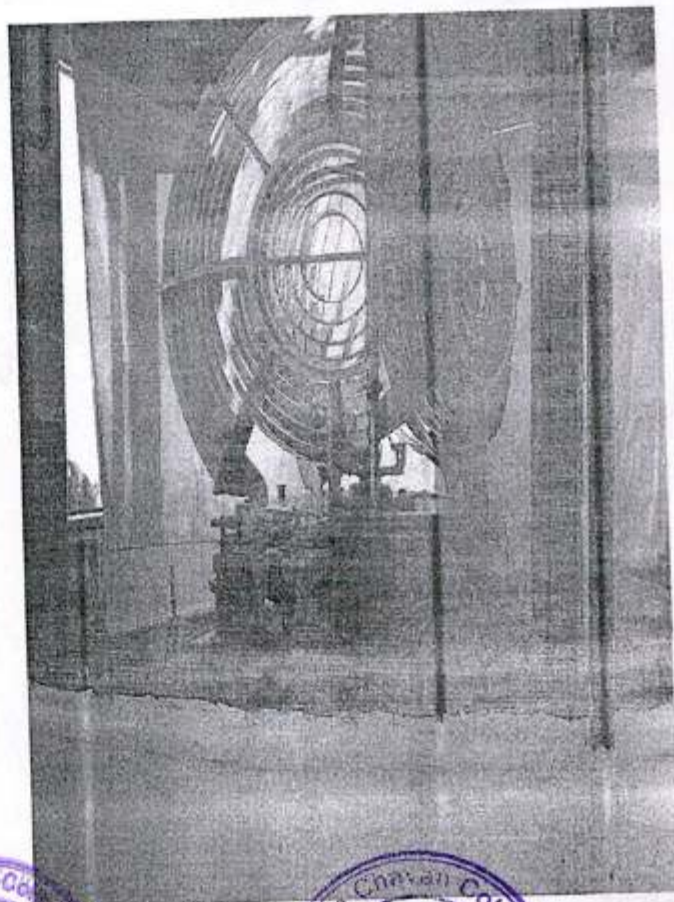


Yours faithfully

 Yashwantrao Chavan College of Science,
 Karad

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Photographs of visits-Study tour B.Sc.III Physics 2022-23



YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD
Department of Pollution

DATE: 30.04.2023	REF. NO.: YCCSK/LAB/F -
PAGE 01 OF 01.	REV. NO.: 00

STUDY TOUR PROGRAMME

Year 2022-2023

CLASS: B.Sc. II

TOTAL NUMBER OF STUDENTS:

DATES OF STUDY TOUR : 15.05.2023

PLACES OF VISIT : Mahableshwar

MODE OF JOURNEY : Hired Vehicle

NAMES OF THE TEACHERS ACCOMPANYING : Mrs. P.A. Patil

DATE & TIME OF DEPARTURE FROM KARAD : 15.05.2023 at 7.00 a.m.

DATES & PLACES OF VISIT : 15.05.2023 Mahableshwar

Sr.No.	Time	Programme
Date: 15.05.2023		
1	6.30 a.m.	Y. C. College of Science, Karad.
2	7.00 a.m.	Departure to Mahableshwar
3	10.00 a.m.	Arrival at Gureghar. Visit to Biodiversity areas & polluted sites.
Lunch		
4	1.30 p.m.	Departure to Kshetra - Mahabaleshwar Polluted sites
5	5.00 p.m.	Departure to sunset point.
6	6.15 p.m.	Departure to Karad via Medha, Satara.
7	10.00 p.m.	Arrival at Karad (Approximately).

Students are further informed to bring following things with them -

1. Identity card (Compulsory).
2. Lunch.
3. Pen, Pencil and Notebook.
4. All students have to maintain the discipline & obey the orders of their in- charge.
5. Each & every student should follow the time schedule of tour strictly

N.B. - Costly articles, not allowed to take.


Teacher In-charge




Head
Department of Pollution
Yashwantrao Chavan College of
Science, Karad


Principal
Yashwantrao Chavan College
of Science, Karad.



Yashwantrao Chavan College of Science, Karad


Department of Pollution

REPORT

Name of the activity	Field Visit of B.Sc. III Pollution Students
Day & Date	Monday, 15/05/2023
Place of visit	Mahabaleshwar
Purpose of the Program	1. To enhance field knowledge of students. 2. Learn new techniques of field data collection and preservation.
No. of Students Participated	02
No. of Teachers Participated	01
Visit outcomes	Students learnt something new apart from class room teaching. In addition to this, they learned how to write field notes during data collection.

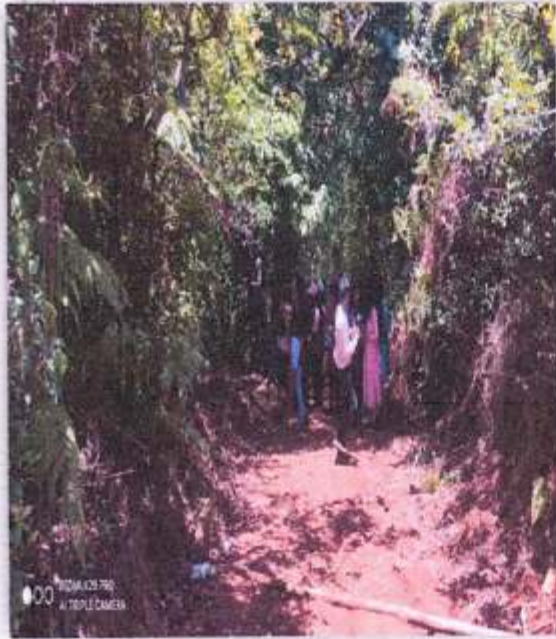

Teacher In-charge


Head
Department of Pollution


Principal
Principal,
Yashwantrao Chavan College
of Science, Karad.

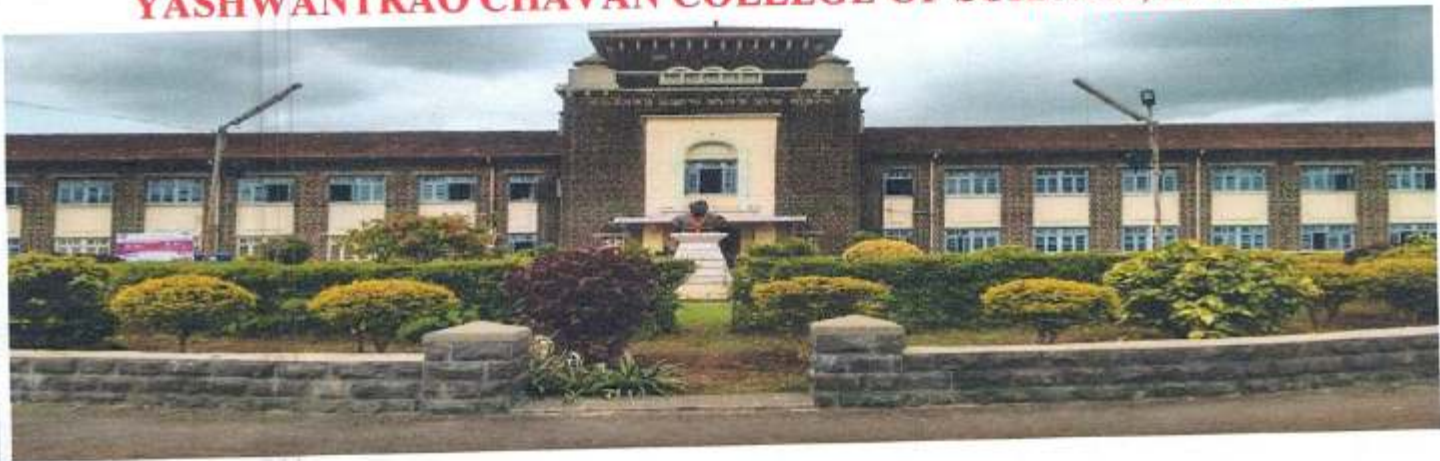


**Study Tour of B. Sc. Pollution Students –
Mahabaleshwar**




Principal
Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD



Under Shivaji university, Kolhapur
BSC III Year
2022-2023
Department of Pollution
A Project on
"STUDY TOUR REPORT"

Submitted by

Sr.no	Student Name	Rollno	Exam no
1	Mrs.Abhishek Ajay Bhosale	5142	38628
\			



Exam No. : 38628

LAB/F-19

Roll No.

Date : 16/05/23

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD



Vidyanagar, Karad - 415 124

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Reg: RQ91/5237

JAS-ANZ



Department of Pollution

CERTIFICATE OF STUDY TOUR

This is to certify that, Mr. / Miss. _____

Abhishek Ajay Bhosale

of B. Sc. Part II / III of academic year 2022-2023 has
attended the study tour organized by the Department of Pollution
at Hai & Mahaleshwar

study site / Research Institute / Industry of Educational
interest on 15/05/2023

Pravin
16/5/23
Teacher in - Charge

Pravin
23/5/2023
Examiner

Pravin
**Head,
Department of Pollution**



Yashwantrao Chavan College of Science, Karad

Department of Pollution

B.Sc. Part III

Study Tour at Wai and Mahabaleshwar

15/05/2023

One day Excursion for B.Sc. III (Pollution) students was arranged at Wai and Mahabaleshwar to study the Polluted area, Pollution indication plants, water harvest plan, solid waste management and diversity of organisms in different ecological conditions etc.

On the way to Wai, we saw roadside trees being cut down for road line construction, while our teachers gave us detailed information about the effect of the tree cutting on the temperature.

Krishna river in Wai and adjoining area, we visited to observe & study the polluted area of river and locals are used it as source of drinking and household used. Some local also use it as a dumping resource for their solid waste and washing clothes etc. In Krishna River we study the growth pattern of Pollution indicator plant like water-hyacinth (*Eichhornia crassipes*) and Water Velvet (*Azolla pinnata*) etc. are best indicate that the water is of high heavy metal pollution. Local municipal authorities have written some sayings and slogans on the river bank for pollution control.

Further we observe the air quality of Wai has reached an average level of pollution and is unhealthy for sensitive groups of organisms.

Our next interest was Mahabaleshwar, which is full with the plants and animal diversity. In the Mahabaleshwar we study the Pollution indicating organisms like Lichens (presence of Crustose Lichens, Foliose Lichens and Fruticose Lichens etc. are best indicate that the area is of less pollution).

Gureghar forest area and nursery, we visited to observe & study the biodiversity. Various trees and animals are growing naturally in the area without the disturbance of human and pollution. We study about the water harvesting plant and reuse of water in Gureghar nursery maintained by



nursery management. The nursery management also planted solar plates and generates electricity as renewable source of energy, for their office and allied departments.

Next to that we visited Regional Wheat Rust Research Station, Mahabaleshwar, where we learnt about the greenhouse effect on crop plants. The authorities are well support us and provided all information regarding crop management in harsh and polluted environmental condition.

Though, we visited a piece of Western Ghats vegetation, Mahabaleshwar, we got the idea about the natural vegetation and its diversity in Western Ghats. Lastly, we enjoyed our one-day study Excursion with polluted areas and their management.

Ecological / Geographical data :-

Locality - Wai

Highest - 718 Meters (average 2360 ft from mean sea level)

Rainfall - 898 mm Avg.) per annum.

Humidity - 35 to 65 %

Temperature – 35.4°C Avg.

Soil - Mixed red laterite and black soil.

Type of vegetation - Mixed evergreen and deciduous.

Forest type - Subtropical forest

Locality - Mahabaleshwar

Highest - 1382 Meters (average 4500 ft from mean sea level)

Height point - 4710 ft - Wilson point

Rainfall - 202" to 300" (6977.6mm max.) per annum.

Humidity - 40 to 90%

Temperature - 35°C Maximum

Soil - Red laterite

Type of vegetation - Mixed evergreen and deciduous.

Forest type - Subtropical forest.



List of observed pollution/ Indicator/ Management -

Polluted areas

- 1) Wai: Krishna River
- 2) Wai: Adjoining area of Dholya Ganapati (Large Idol of Lord Ganesha, Wai).

Pollution indicator Organisms (Presence of Pollution)

- 1) Water-hyacinth (*Eichhornia crassipes*).
- 2) Water Velvet (*Azolla pinnata*).

Pollution indicator Organisms (Absence of Pollution)

- 1) Crustose Lichens
- 2) Foliose Lichens
- 3) Fruticose Lichens

Solid Waste

- 1) Wai: Krishna River

Water harvesting

- 1) Gureghar: Rain water harvesting lake (Shet Tale), maintained by Govt. nursery.

Jeyanti

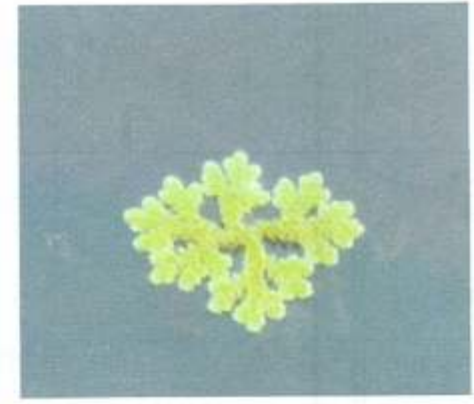




Water Polluted Bodies: Wai



Cloth washing waste are dumped directly in Krishna River, Wai



Pollution indicator organisms





Biodiversity at Gureghar Govt. nursery



Green house and Glass house at Regional Wheat Rust Research Station, Mahabaleshwar



Water Harvesting Unit at Gureghar





Estd. 1958

|| Be One with the downtrodden and the underprivileged ||
Shri Shivaji Education Society Karad, Board For Higher Education's

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, KARAD - 415 124 Dist. Satara (Maharashtra)

☎ 02164 - 271356, 271357 e-mail : prinyccsk@gmail.com

UDISE Code - 27310207715

Index No. J 21.02.002

Reaccredited B⁺⁺ Level by NAAC, Bangalore

AN ISO 9001-2015 CERTIFIED COLLEGE REG. NO. : RQ91/5237

Ref No. : / Biochem /2022-23

Date: - 14/04/2023

To,

**The Managing Director,
Sahyadri Sahakari Sakhar Karkhana Ltd.,
Yashwantnagar, Karad.**

Subject: - Educational visit of B.Sc. Part - II Biochemistry students.

Sir,

As a part of educational tour a group of B.Sc. Part II Biochemistry students Twenty one (21) from this college accompanied by their teachers (2) wish to visit your industry on **Thursday, 18th April 2023**

I request you to kindly grant them permission to visit alcohol industry and waste treatment plant in your industry.

Thanking you,

Teacher in charge

(Signature)



(Signature)
Principal

Yashwantrao Chavan College
of Science, Karad.

(Signature)
Principal

Principal
Yashwantrao Chavan College
of Science, Karad

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

B.Sc.II –Study Tour

Date- 14/04/2023

The students of B.Sc. II (Biochemistry) are here by informed that one day's study tour is arranged to Sahyadri Sahakari sakhar karkhana Ltd, Yashwantnagar, on 18/04/2023.

All should come with Identity card, note book & pen. Study tour is Compulsory as per university syllabus.

All concerned should note follows.



Course Co-ordinator,

Department of Biochemistry



Principal
Yashwantrao Chavan College
of Science, Karad.



Yashwantrao Chavan College of Science, Karad
Department Of Chemistry

STUDY TOUR PROGRAMME

Year 2022 -2023

LAB/F-17

CLASS: B.sc. II

TOTAL NUMBER OF STUDENTS: 21

DATE OF STUDY TOUR: 18/04/2023

PLACES OF VISIT: Sahyadri Sahakari sakhar karkhana Ltd, Yashwantnagar.

MODE OF JOURNY: Private traveller BUS

NAMES OF THE TEACHERS ACOMPAINING: Mr.S.H. Burugale

Miss Panwal N.R.

DATES & TIME OF DEPARTURE FROM KARAD: 18/04/2023 Time- 10 am

DATES & PLACES OF VISIT :

1. Arrival to Sahayadri Sakhar Kharkhana
2. Visit to distillary
3. Visit to ETP

DATE & TIME OF ARIVAL AT KARAD--18/04/2023 Time-6 pm


Teacher In- Charge


Head
Department of Chemistry
Yashwantrao Chavan College of
Science, Karad


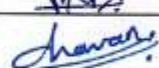
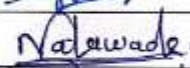

Chairmn
Tour committee




Principal
Yashwantrao Chavan College
of Science, Karad. 1


Department of Chemistry and Biochemistry

B.Sc. II Study tour 2022-2023

Sr no	Roll No	Name of student	Student sign
1	2311	Bhintane Tanmay Suyog	
2	2312	Bodhagire Vikram Ravso	
3	2313	Chavan Pradnya Rajendra	
4	2314	Desai Shantanu Kantilal	
5	2315	Jagtap Anuradha Ashok	
6	2316	Kadam Sujata Sanjay	
7	2317	Mail Ashrani Satish	
8	2318	Mane Shrutika Suresh	
9	2319	Mulla Mohasina Mahammad	
10	2320	Nalawade Atul Dharmaraj	
11	2321	Patil Shambhuraj Vishwas	
12	2322	Pawar Prerana Ganesh	
13	2323	Pawar Vaishnavi Bapuso	
14	2324	Shaikh Karina Rashid	
15	2325	Shinde Avinart Ashok	
16	2326	Shinde Sanket Ashok	
17	2327	Sutar Sujit Anil	
18	2328	Swami Shreyas Dattatray	
19	2329	Takpire Rushabh Balu	
20	2330	Thorat Durga Amarsinh	
21	2331	Thorat Sanjvani Santaji	




R. J. Patil
Yashwantrao Chavan College
of Science, Karad.

Yashwantrao Chavan College of Science, Karad

Department Of Chemistry

STUDY TOUR REPORT

Year 2022- 2023

CLASS: B.Sc . II

LAB/F-18

TOTAL NUMBER OF STUDENTS: 21

DATES OF STUDY TOUR: : 18/04/2023

PLACES OF VISIT: Sahyadri Sahakari sakhar karkhana Ltd, Yashwantnagar.

MODE OF JOURNY: Private traveller BUS

NAMES OF THE TEACHERS ACOMPANYING: Mr.S.H. Burugale

Miss N.R Panwal

DATES & TIME OF DEPARTURE FROM KARAD: 18/04/2023 Time- 10 am

DATES & PLACES OF VISIT:

DATE OF VISIT	PLACE OF VISIT	HIGHLIGHTS OF VISIT
10/06/2022 Time- 10 am	Visit to Distillary	Actual Process of fermentation
10/06/2022 Time- 2 pm	Visit to ETP	Effluent Treatment plant
10/06/2022 Time – 4pm	Visit to Yeast Propagation unit	Clarifier, Aeration test

DATE & TIME OF ARIVAL AT KARAD: 18 /04/2023 Time-6 pm

Teacher in- Charge

Head

Dept of Chemistry

Head
Department of Chemistry
Yashwantrao Chavan College of
Science, Karad



Chairmn

Tour committee

Principal



Yashwantrao Chavan College
of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Study Tour Report 2022-2023

(18/04/2023)

- 1) Name of the department :- Biochemistry
- 2) Class & subject for which tour is arranged :- B.Sc.II Biochemistry
- 3) No. of students accompanying :- 21
- 4) Place of visit and approximate distance
- Distance Of traveling :- 10
- Place :- Yashwantnagar
- Total distance :- 20
- 5) Date of departure and arrival.
- a) Departure from karad (05 jan) :- 10am
- b) Arrival at Sahyadri Sahakari Sakhar
Karkhana Ltd, Yashwantnagar. (09 jan) :- 11am
- c) Arrival at karad :- 6pm
- 6) Mode of Journey :- Hired vehical
- 7) Name of the Staff :- Mrs. Panwal.N.R



[Signature]
Principal
Yashwantrao Chavan College of Science, Karad.