1958







YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

CRITERION-I

CURRICULAR ASPECTS

1.3 CURRICULUM ENRICHMENT

1.3.2

Field Work / Study Visit Reports 2022-23





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

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





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 Harne 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

Colordinator, Internal Quality Assurance Cell (IQAC), Yashwantrae Chavan College of Science, Karad



Estd. 1958



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

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

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

20164 - 271356, Fax: 02164-271356, e-mail: ychavan@bsnl.in, prinyccsk@gmail.com

Reacredited 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



Yashwantrao Chavan College of Seiense

Dr.S.B.Kengar

YASHWAN RAO 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

Course Co-ordinator,

Department of Biotechnology

Teacher in charge (mrs.s.s. Navawade)





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 :- B.Sc. Part III Biotechnology

Tour is arranged

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 :- MT · S · S · Nì Kam staff accompanying tour

(Tour in-charge)

College of Science



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
		Servalaule [Staff] Mrs. S.S. Nalawade
1 1 1		[Staff] Wils. S.S. Nalawade





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	PAjagdal
2	3362	MUJAWAR ARSH AMIR	9373/68592	827536778	
3	3363	PAWAR GAURI SAMBHAJI	9730708330	7350335928	-
4	3364	VIBHUTE PRANALI SAYAJI	7397890601	9096136600	-
5	3365	MAHAJAN SAKSHI VINAYAK	8530496948	8888954162	I Comment
6	3366	JADHAV ARUN RUTUJA	8080906983	9518743526	Kehya
7	3367	SHINDE POOJA DATTATRAY	9529277109	9922899303	Poojaps
8	3368	JADHAV ANUSHKA SANTOSH		8788465433	Ast-
9	3369	SAWAKHANDE.SHREYA SIDHARTH	9923404002	9823031307	Squakhand
10	3370	THORAT SHIVTEJ VISHWAJIT	9021489030	9767157266	Stront
11	3371	LADE PIYUSHA PRAVIN	8862032038		Pade
12	3372	PATIL ANKITA ARUN		7842045833	
13	3373	PATIL SARTHAK ANANDRAO	7666328021	9545565016	xeall
14		NIKAM AKANKSHA ASHOK	7350417413	7875967413	
15		JADHAV OMKAR SHARAD	8767100716		OSTardhon
			1		

Teacher In-charge

(mrs. s.s. Nalawade)



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: PrivateTraveller 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

BIOTECHNOLOG

Karad

Teacher in-charge

Head
Department of Biotechnology







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





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Vidyanagar, KARAD - 415 124 Dist. Satara (Maharashtra) 2 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

Date: 11 /02/2023

an Colle

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)

3. Ms. P. K. Madane

2. Mr. A.A. Lole

Thanking You,

Yours Faithfully

Department of Geology Teshwantrao Chavan College of Science

Karad.

Prindipa! 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.

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).

GEOLOGY Scients

HEAD
Department of Geology
Yashwantrao Chavan College of Science,



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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) 202164 - 271356, 271357 e-mail: prinyccsk@gmail.com

UDISE Code - 27310207715

Index No. J 21.02.002

Reacredited 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 05Girls) of B.Sc. – IIIGeology 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	GuravBabynanda Mahadev
5.	3345	ThantharateAnsh Ravindra
6.	3346	Jadhav Kalyani Sagar
7.	3347	Vetal Omkar Shivaji





YourFaithfully

Frincipal,
Taskvaniras Chavan College
of Science, Karal

VASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DATE: 01.07.2015	REF. NO.: YCCSK/LAB/F – 15
PAGE	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

GEOLOGY OF Kerned To Annual Control of Contr

Cravan College of Science Scie

Head
Department of Ostology
Sashwantrao 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	Р
5.	Thantharate Ansh Ravindra	P
6.	Jadhav Kalyani Sagar	P
7.	Vetal Omkar Shivaji	P





YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DATE: 01.07.2015	1	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

Karad

Teacher in-charge

Head of the Department Department of Geology

Yashwantrao Chavan College of Science,

Enavan College Karad

Yashwantrao Chavan Gollege of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF

SCIENCE, KARAD

DEPARTMENT OF GEOLOGY

STUDY TOUR REPORT

3.Sc. []]

Feb. 17, 2023

Name and Sign of Tour Incharge:

Head of Geology
Yashwantrao Chavan College of Science,
Karad.





Yashwantrao Chavan Gollego 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.





Yashwantrao Chavan Gollege 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 distret 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.

	Recent Soil
	Lateritic Soil
	Deccan Trap
	Kaladagi Supergoup
	Dharwar Supergroup
Pe	ninsular Gneissic Complex

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

GEOLOGY

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 Deccán 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 percentage to the provided a passageway for groundwater to percentage to the provided a passageway for groundwater to percentage to the provided a passageway for groundwater to percentage to the provided a passageway for groundwater to percentage to the provided a passageway for groundwater to percentage to the provided a passageway for groundwater to percentage to the provided a passageway for groundwater to percentage to the provided a passageway for groundwater to percentage to the provided a passageway for groundwater to percentage to the provided a passageway for groundwater to percentage to the provided a passageway for groundwater to percentage to the provided a passage way for groundwater to percentage to the provided a passage way for groundwater to percentage to the provided a passage way for groundwater to percentage to the provided a passage way for groundwater to percentage to the provided a passage way for groundwater to percentage to the provided a provided a passage way for groundwater to percentage to the provided a passage way for groundwater to percentage to the provided a provided a passage way for groundwater to percentage to the provided a provided a provid

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 ferrugionous 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 legical due to flattening & elongation of

Quartzitic blocks during metamorphism

Eparchean Unconformity near Shravan:

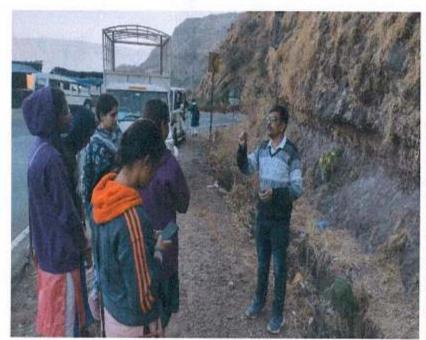
Well known Eparchean Unconformity is observed near Shravan in Gad river (Plate 8). Unconformity separates older Archean rocks and younger Proterozoic rocks. Archean rocks like hornblende schist are of Dharwar Supergroup while Proterozoic sandstone is from Kaladagi Supergroup. Basal conglomerate is marked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





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

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

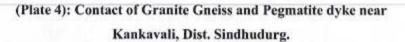








(Plate 3): Banded Hematite Quartzite (BHQ) exposure at Janavali, Dist. Sindhudurg.





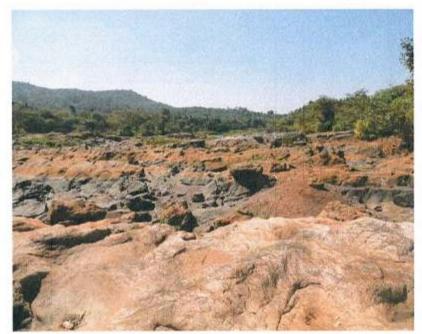






(Plate 5): Hornblende Schist outcrop at Pise Kamathe, Dist. Sindhudurg.

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

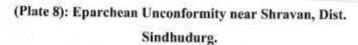








(Plate 7): Autoclastic conglomerate at Gothane, Dist. Sindhudurg.











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







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

VIII

Principal
Yeshwantrao Chavan College of Science, Karad



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

Lul

Yashwantrao Chavan College of Science, Karad

Head

Department of mathematics

Karad



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.

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 10^{th} onwards in downwords.

MATHEMATICS

avan College of Science, Karad

- 1) Learn through experience video of 3 Idiots 2) Linen 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.



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

Examiner



Pepariment of Mathamatics Attics

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 : 385/5

Examiner

MATHEMATICS SCIENT KATAD TO KA

For Head

Department of Mathematics

Department Of Mathematics

Department Of Mathematics

Principal

ashwantrao Chavan College of Science, Karad

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Krushnaji Patil

Dealing with exam stress

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MATHEMA

Principal

Yashwantrao Chavan College of Science, Karad

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Principal

Yashwantrao Chavan College of Science, Karad







Il Be One with the downtrodden and the underprivileged II

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

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE. KARAD

Vidyanagar, KARAD - 415 124 Dist. Satara (Maharashtra) e-mail: prinyccsk@gmail.com **28** 02164 - 271356, 271357

UDISE Code - 27310207715

Index No. J 21.02.002

Reacredited 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 Yashwan, ao Chavan College of Science, Karad

सह्याद्रि सहकारी साखर कारखाना लि: यशवंतनगर, ता. कराड, जि. सातारा

Distillery In-Charge Sahyadri S. S. K. Ltd

Yeshwantnagar, Tat, Kara

Yashwantrao Chavan Colley 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

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

All concerned should note and follow.

HE REIL

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) :-11th April, 2023 5) Date of departure and arrival :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 02.00 p.m. Plant e) Departure from S.S.Sakhar Karkhana Ltd,, Yashwantnagar:-03.30 p.m. Arrival at Karad f) 04.00 p.m. :-6) Mode of Journey S.T. Bus :-7) Name of the Staff Miss. Lohar S. A. :accompanying tour Miss. Shinde S. S. Mr. Sutar K. A.

(Tour in-charge)



DEPARTMENT OF MICROBIOLOGY

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.

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Yashwantrao Chavan College of Science, Karad.

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Name of Accompanied staff

1) Shin. Kishor A. Sutar Andre

2) Miss. S. A. Lohar Schon

3) Miss. S. S. Shinde

3. Miss. S. S. Shinde



HEAD DEPARTMENT OF MICROBIOLOGY

> Yashwantrao Chavan College of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DATE:	BEE NO. VCCCK/LAB/E
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PAGE:	REV. NO.: 00

STUDY TOUR REPORT

Year 2022-2023

CLASS: B. Sc. II Microbiology

TOTAL NUMBER OF STUDENTS: 106

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

DEPARTMENT OF MICROBIOLOGY

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	11th 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.



MICROBISLOGY * Karad *

Head of the Department Principa

Yashwantrao Chavan Colleg HEAD of Science, Karad.

DEPARTMENT OF MICROBIOLOGY

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



Students Visit to Distillation Plant



Principal
Principal
of Science, Karad.

Estd. 1958



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

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

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

20164 - 271356, Fax: 02164-271356, e-mail: ychavan@bsnl.in, prinyccsk@gmail.com

Reacredited 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

Yashwantrao Chavan College of Science, Karad

Principal

V. shwantrao Chavan College

of Science, Karad.



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

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE. KARAD

Vidyanagar, KARAD - 415 124 Dist. Satara (Maharashtra) 202164 - 271356, Fax: 02164-271356, e-mail: ychavan@bsnl.in, prinyccsk@gmail.com

Reacredited 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. SATI

Regards

ards your college students Principal,
Yashwantrao Chavan College
Of Science, Karad

Seen discussed activities of

of Science, Karad.

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.



HEAD
DEPARTMENT OF MICROBIOLOGY

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

Name of the Department	:-	Microbiology
Class & Subject for which	:-	M. Sc. Part I Microbiology
Tour is arranged		
No. of Students accompanying	:-	52
Place of visits and approximate	:-	
Distance of traveling	:-	175 Km. + 175 Km.
Place	:-	PUNE
Total Distance	:	350 km. (approx)
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 Is	št.:-	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.
Mode of Journey	:-	Private Hired Bus Vehicle
	Class & Subject for which Tour is arranged No. of Students accompanying Place of visits and approximate Distance of traveling Place Total Distance Date of departure and arrival a) Departure from Karad b) Arrival at Manjari Pune c) Visit to Vasantdada Sugar Is d) Lunch Break e) Visit to National Research Center for Grapes f) Departure from Pune g) Arrival at Karad	Class & Subject for which Tour is arranged No. of Students accompanying Place of visits and approximate Distance of traveling Place Total Distance Date of departure and arrival a) Departure from Karad b) Arrival at Manjari Pune c) Visit to Vasantdada Sugar Ist.:- d) Lunch Break e) Visit to National Research Center for Grapes f) Departure from Pune g) Arrival at Karad :-

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
Principal
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	भाषं ह
2	4002	Bhade Aadesh Rajendra	Adely
3	4003	Desai Abhishek Sanjay	3025th.
4	4004	Desai Vinayak Ravindra	Resai
5	4005	Gawali Shubhangi Ramchandra	Freale
5	4006	Ghaste Trushanti Pratap	
7	4007	Gurav Mayuri Manohar	Paraz.
8	4008	Gurav Ruchita Krishnat	Groupk
9	4009	Jadhav Dhairya Dhanaji	0.51
0	4010	Jadhav Saloni Balu	- Saleni
1	4011	Jadhav Shubham Dattatray	Spully.
12	4012	Kale Avishkar Mohan	Aale
13	4013	Kavade Shubham Chandrakant	21914 Lavade
4	4014	Khot Ashwini Shivaji	. Asharini
15	4015	Lavate Shubham Annaso	Q_
16	4016	Mali Shailaja S.	Cheji
17	4017	Mane Gokarna Balu	- spire
18	4017	Patil Shamita Shital	-0
9	4019	Patil Shweta Santosh	68 Patri
20	4020	Pawar Nageshwari Vikas	N. y. Pawab
21	4021	Powar Phulabai Prakash	TEA-
1		Constitution of the control of the c	fragore
22	4022	Sagare Pallavi Arvind	-
23	4023	Sakhalkar Veda Sunil	Vagehalkar
24	4024	Salwankar Siddhi Dhananjay	and the second
25	4025	Sawant Saniya Rajvardhan	strawow.
26	4026	Yadav Namrta Rajendra	Ogpallin.
27	4027	Bhambure Gauri Raghunath	Halingordeve
28	4028	Bhingardeve Kajal Gunvant	
29	4029	Bhokare Shraddha Rajaram	CPB
30	4030	Bhosale Sakshi Rajendra	esphosale_
31	4031	Dukkurwadkar Mayuri Krushna	- MKD
32	4032	Gaikwad Pranali Babaso	Plankand
33	4033	Gaikwad Vaishnavi Santosh	Aug.
34	4034	Gurav Prakash Sunil	
35	4035	Gurav Swapnali Vijay	Hugal
36	4036	Honmore Amit Prakash	Amyl.
37	4037	Jadhav Mithali Bhargav	M.B. Jadhay.
38	4038	Jadhav Rutuja Ravindra	(Potochow)
39	4039	Jadhav Shraddha Rajaram	4 olnar
40	4040	Jawale Renuka Dipak	Fruite
41	4041	Kadam Akanksha Rajaram	HRadam.
42	4042	Kadam Shilpa Prakash	gradom.
43	4043	Khedekar Sharayu Vivek	Servedebas
44	4044	Kolekar Nivedita Ankush	Molekae
45	4045	Kumbhar Neha Subhash	
46	4046	Mahadik Priyanka Tulshiram	
47	4047	Nikam Aditi Anandrao	@Nikam.
48	4048	Patil Neha Mohan	Matil
49	4049	Patil Snehal Maruti	4-92h1
50	4050	Patil Vaishnavi Suresh	Ratio
51	4051	Sonavane Komal Dinkar	18.D. Sovanas
52	4052	Ubale Vikrant Vinod	
		Dr. A. A. Raut (Teaching Staff)	Agu Pashwar
400		Miss. K. A. Yadav (Teaching Staff)	(Nul



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	مارين. و
2	4002	Bhade Aadesh Rajendra	- Andery
3	4003	Desai Abhishek Sanjay	Sugart.
4	4004	Desai Vinayak Ravindra	Resou
5	4005	Gawali Shubhangi Ramchandra	Mode
6	4006	Ghaste Trushanti Pratap	
7	4007	Gurav Mayuri Manohar	DO Torrer
8	4008	Gurav Ruchita Krishnat	Gnoth
9	4009	Jadhav Dhairya Dhanaji	
10	4010	Jadhav Saloni Balu	Jaloni
11	4011	Jadhav Shubham Dattatray	Spullar.
12	4012	Kale Avishkar Mohan	Aale
13	4013	Kavade Shubham Chandrakant	El HH Kavade
14	4014	Khot Ashwini Shivaji	Ashain
15	4015	Lavate Shubham Annaso	182
16	4016	Mali Shailaja S.	Chroli
17	4017	Mane Gokarna Balu	- there
18	4018	Patil Shamita Shital	
19	4019	Patil Shweta Santosh	Espatie
20	4020	Pawar Nageshwari Vikas	N.V.Pagat
21	4021	Powar Phulabai Prakash	Fam.
22	4022	Sagare Pallavi Arvind	Rsagan
23	4023	Sakhalkar Veda Sunil	
24			VSathalkaz
25	4024 4025	Salwankar Siddhi Dhananjay	Bolu
100		Sawant Saniya Rajvardhan	SP Soutant
26 27	4026	Yadav Namrta Rajendra	Mandow .
_	4027	Bhambure Gauri Raghunath	2
28	4028	Bhingardeve Kajal Gunvant	(Bhing order
29	4029	Bhokare Shraddha Rajaram	Chip
30	4030	Bhosale Sakshi Rajendra	ashoole
31	4031	Dukkurwadkar Mayuri Krushna	PR.
32	4032	Gaikwad Pranali Babaso	Baikwad
33	4033	Gaikwad Vaishnavi Santosh	Hi-
34	4034	Gurav Prakash Sunil	107 1
35	4035	Gurav Swapnali Vijay	You
36	4036	Honmore Amit Prakash	Death.
37	4037	Jadhav Mithali Bhargav	M.B.Jadhav.
38	4038	Jadhav Rutuja Ravindra	(Bandrov.
39	4039	Jadhav Shraddha Rajaram	Adhar
40	4040	Jawale Renuka Dipak	Blende
41	4041	Kadam Akanksha Rajaram	2)Radam_
42	4042	Kadam Shilpa Prakash	Stodam
43	4043	Khedekar Sharayu Vivek	Sundahas
44	4044	Kolekar Nivedita Ankush	PROJEKOR.
45	4045	Kumbhar Neha Subhash	
46	4046	Mahadik Priyanka Tulshiram	
47	4047	Nikam Aditi Anandrao	Alikam Yashwa
48	4048	Patil Neha Mohan	MALLY OF
49	4049	Patil Snehal Maruti	LOWY).
50	4050	Patil Vaishnavi Suresh	Maris 4
51	4051	Sonavane Komal Dinkar	15.0. doughander.
52	4052	Ubale Vikrant Vinod	Dicking.

Dr. A. A. Raut (Teaching Staff) Miss. K. A. Yadav (Teaching Staff) Principal trao Chavan Collegi 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	SHIP . 6
2	4002	Bhade Aadesh Rajendra	7666556578		
3	4003	Desai Abhishek Sanjay	8637733687	9960788575	Boots
4	4004	Desai Vinayak Ravindra	8380014903	9763866180	Resui
5	4005	Gawali Shubhangi Ramchandra	7058210457	7756069688	Fanli
6	4006	Ghaste Trushanti Pratap			
7	4007	Gurav Mayuri Manohar	9284236184	7387482352	MM (Grow
8	4008	Gurav Ruchita Krishnat	7499746957	7040559672	General
9	4009	Jadhav Dhairya Dhanaji			
10	4010	Jadhav Saloni Balu	25856185E	8668635816	Saloni
11	4011	Jadhav Shubham Dattatray	9766585826	9096766564	Sheller
12	4012	Kale Avishkar Mohan	7058865707	9403225777	stale
13	4013	Kavade Shubham Chandrakant	8554033694	9420675676	2 34 Havace
14	4014	Khot Ashwini Shivaji	9434423010	8972037401	Asherini
15	4015	Lavate Shubham Annaso	7558387470	9403401160	8
16	4016	Mali Shailaja S.	7057222192	7798309865	Condi
17	4017	Mane Gokarna Balu	9284073008	3767898616	- gars
18	4018	Patil Shamita Shital	9595012271	9420351705	11,11
19	4019	Patil Shweta Santosh	9172982294	9975334832	58fatti
20	4020	Pawar Nageshwari Vikas	8956292738	1	Ny Road
21	4021	Powar Phulabai Prakash	8348875493	258252028F	Dani
22	4022	Sagare Pallavi Arvind	7035687070	9552617407	Read on
23	4023	Sakhalkar Veda Sunil	8806942308	7498141840	Usakhaltar
24	4024	Salwankar Siddhi Dhananjay	8999943533	8482907546	ser.
25	4025	Sawant Saniya Rajvardhan		9822087386	Spanner
26	4026	Yadav Namrta Rajendra	9284396762	9370804885	Bendaup.
27	4027	Bhambure Gauri Raghunath	8484085255	9011332344	-yauri .
28	4028	Bhingardeve Kajal Gunvant	9158448768		Of lingardere
29	4029	Bhokare Shraddha Rajaram	9022524042	992/572638	GOR
30	4030	Bhosale Sakshi Rajendra	7249678715	9923303156	Sanosale
31	4031	Dukkurwadkar Mayuri Krushna	9356518187	9834694971	PRO-
32	4032	Gaikwad Pranali Babaso	7028356336	7745056336	Boaikwad
33	4033	Gaikwad Vaishnavi Santosh	9307638738	9561563282	si 1
34	4034	Gurav Prakash Sunil			^
35	4035	Gurav Swapnali Vijay	8999382254	7350576007	Maral Grip
36	4036	Honmore Amit Prakash	7249758714	8788233835	Ashing trao C

37	4037	Jadhav Mithali Bhargav	9307033979	9765324563	M.B.Jadhav
38	4038	Jadhav Rutuja Ravindra	7028871679	7385788629	(Petadhor
39	4039	Jadhav Shraddha Rajaram	8329275937		De la
40	4040	Jawale Renuka Dipak	8329600315	8459493883	pinale
41	4041	Kadam Akanksha Rajaram	9130701349	9623170011	3 Radam
42	4042	Kadam Shilpa Prakash	8304878036	9288808036	
43	4043	Khedekar Sharayu Vivek	7588311377	9359211551	Skudebas
44	4044	Kolekar Nivedita Ankush	9172104241	9850919881	skoletoe.
45	4045	Kumbhar Neha Subhash	12/210/2/1	3020 J130 0T	Photoso.
46	4046	Mahadik Priyanka Tulshiram			
47	4047	Nikam Aditi Anandrao	9834703498	9822143220	ANIKOM:
48	4048	Patil Neha Mohan	9545936949		Methy
49	4049	Patil Snehal Maruti	8408036898	7875591065	4 की UNI
50	4050	Patil Vaishnavi Suresh	9146029077	9637360179	Westily.
51	4051	Sonavane Komal Dinkar	A703T19800	3403345700	100. Soremans
52	4052	Ubale Vikrant Vinod	9307194795		Dickel.



HEAD DEPARTMENT OF MICROBIOLOGY

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, Punc	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.)		

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

Teacher in-charge

Head of the Department

HEAD DEPARTMENT OF MICROBIOLOGY

Yashwantrao Chavah College of Science, Karad.



Il Be One with the downtrodden and the underprivileged II

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

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE. KARAD

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

202164 - 271356, Fax: 02164-271356, e-mail: ychavan@bsnl.in, prinyccsk@gmail.com

Reacredited B Level by NAAC, Bangalore

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

Ref. No. /444/2022-23

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.

5102

Regards

You's college students visited VSI,

Tune on 17-03-23 & quention of quen

Yashwantrao Chavan College

of Science, Karad

PTR NO. F.3728

Monjan 1841 S B. J. Jaker Kan



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

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidvanagar, KARAD - 415 124 Dist. Satara (Maharashtra) 2 02164 - 271356, Fax: 02164-271356, e-mail: ychavan@bsnl.in, prinyccsk@gmail.com

Reacredited B Level by NAAC, Bangalore

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

Ref.No./445/2022-23

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. 515)

Regards

June on 17-03-23 & taken information

of autivities 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.



Yash Parkrao Chavan College MICROBIOLOGY DESCRIPTION KARAD.

K Karao

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.

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)

College or Science

HEAD DEPARTMENT OF MICROBIOLOG

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	Sull
6 🗸	3206	CHAVAN TEJAS ADHIKRAO	Tary
7 V	3207	CHAVAN VISHAKHA SATISH	Cistore.
8 ~	3208	CHOUGULE ARYAN RAJKUMAR	A Super
9	3209	DESAI SANGRAM UDAY	
10	3210	DHEKALE KAJAL ANIL	
11 1	3211	DHUKATE SOMNATH SANJAY	Somnath
12 ~	3212	DUBAL SANIKA NITIN	Shubal
13 🔍	3213	HANKARE PRATHAMESH ANIL	Box
14 ν	3214	JADHAV PRAJKTA DHANAJI	Emples.
15	3215	JADHAV PRITI SHIVAJI	-0
16	3216	JADHAV SANIKA HANMANT	
17 \	3217	JADHAV TEJASWINI SUDHAKAR	Paulhau
18	3218	JADHAV VEDANTIKA BABANRAO	Madrav
19 1	∠-3219	JAMBHALE SANSKRUTI SHUBHAS A	Sintehale
20	3220	KADAM SAYALI JAGANNATH	Stkadam.
21	√3221	KADAM SUYASH BALASAHEB	Bodano
22	/ 3222	KALE KIRAN SURESH	Bkale
23	3223	KANASE SEJAL JALINDAR	
24	<i>3</i> 224	KAR PE DHANASHRI MAHADEV	Duoses
25	3225	KATEKAR SWAPNALI PANDURANG	
26	√3226	KHOT PRACHI RAJENDRA	Terru.
27	√3227	KULKARNI SATLAJ GANESH	Skulkarni
28	3228	MAHAJAN SHUBHAM SHIVAJI	
29	3229	MALI SHUBHAM ADHIKRAO	



Principal
Yashwantrao Chevan College
of Science, Karad.

1		Mr. K. A. Sutar (Teaching Staff)	But
		Dr. J. U. Patil (Teaching Staff)	200
53 2	3253	PATIL HARSHADA VISHWAS	Charlet
52	3252	WAYADANDE SHUBHAM PANDHARINATH	Tany land
51	3251	SHINDE SHUBHAM NATH	
50	3250	SHINDE SHIVRAJ BHASKAR	650
19	.3249	SHINDE SHIVANJALI BHASKAR	Chindell
18	3248	SHINDE RUTURA ANANDA	Pohinale
17	√3247	SHEWALE SWATI ASHOK	Buchi
16	√3246	SHEWALE PRIYANKA KASHINATH	Popule
15	3245	SAWANT EKNATH CHANDRAKANT	
14	3244	SANKPAL VAISHNAVI SANTOSH	Visartepul
13	3243	SANKPAL SANIKA MANSING	Sul
12 .	/3242	POL RUTUJA SUBHASH	D
11	3241	PAWAR TEJASWI RAGHUNATH	1
40 、	/3240	PAWAR SRUSHTI VITTHAL	Spawar
39	3239	PAWAR OMKAR SAMBHAJI	Oprior)
38	3238	PATIL SHIVANI BAJIRAO	Osfo Fe
37	/3237	PATIL RAJNANDINI ARUN	Pat
36	3236	PATIL AMRUTA BHAGWAN	Patil
35	3235	NIKAM SNEHAL SAMPAT	Shikam
34	3234	NIGAVE SAURABH SHASHIKANT	ent
33	3233	MULLA AFRIN CHAND	A.C.Mulla
32	3232	MOHITE AKASH SUNIL	Qu)
31 🗸	3231	MANE RAKESH VIJAY	8-0-
30	3230	MANE KALYANI DHANAJI	Danare_



HEAD DEPARTMENT OF MICROBIOLOGY

Principal
Principal
Chavan College
of Science, Karad.

Department of Microbiology B.Sc. III Study tour 2022 - 23 <u>UNDERTAKING</u>

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		- Luches	Jigii.
2	3202	BANSODE NIHAR RANINDRA			
3	3203	BARGE NIKITA SHIVAJI			
4	3204	BHISE NIKITA ANIL			
5	3205	CHAVAN SANIKA MAHESH	7385057343	9822941688	Silk
6	3206	CHAVAN TEJAS ADHIKRAO	7498717395	7057660320	The second secon
7	3207	CHAVAN VISHAKHA SATISH	8007352480		
8	3208	CHOUGULE ARYAN RAJKUMAR	9356467677	960463869	whi L
9	3209	DESAI SANGRAM UDAY	1	-	7
10	3210	DHEKALE KAJAL ANIL			
11	3211	DHUKATE SOMNATH SANJAY	878883061	9011121366	Roman
12	3212	DUBAL SANIKA NITIN	9607892016	960 7892016	- Harrison - I - I - I - I - I - I - I - I - I -
13	3213	HANKARE PRATHAMESH ANIL	7058254011	9970726171	Bret
14	3214	JADHAV PRAJKTA DHANAJI	9356423542		-
15	3215	JADHAV PRITI SHIVAJI		+	de f
16	3216	JADHAV SANIKA HANMANT			
17	3217	JADHAV TEJASWINI SUDHAKAR			
18	3218	JADHAV VEDANTIKA BABANRAO	9767956377	98816636	OBE LOW
19	3219	JAMBHALE SANSKRUTI SHUBHA∰H		7218410100	
20	3220	KADAM SAYALI JAGANNATH	9370646096		-
21	3221	KADAM SUYASH BALASAHEB	9359618172	9960753364	_
22	3222	KALE KIRAN SURESH	7559482705	8857973140	-
23	3223	KANASE SEJAL JALINDAR		10140	100
24	3224	KARAPE DHANASHRI MAHADEV	762003685	93255440	12 2 Ka
25	3225	KATEKAR SWAPNALI PANDURANG			
26	3226	KHOT PRACHI RAJENDRA	8446228470	8767209696	Rever
27	3227	KULKARNI SATLAJ GANESH	7720079128	CONTROL OF THE WAR THE TOTAL OF	1



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	86 OT 116 OGS	a.
32	3232	MOHITE AKASH SUNIL	9529743772	9834343304	Gui >
33	3233	MULLA AFRIN CHAND	8888982486		
34	3234	NIGAVE SAURABH SHASHIKANT	9579946707	8805342131	
35	3235	NIKAM SNEHAL SAMPAT	9910879382	8625960876	
36	3236	PATIL AMRUTA BHAGWAN	9579810213		Carrie
37	3237	PATIL RAJNANDINI ARUN	9132323691	7755954012	-
38	3238	PATIL SHIVANI BAJIRAO	7385902805	9975581713	STATES
39	3239	PAWAR OMKAR SAMBHAJI	100-30	07 12241 112	
40	3240	PAWAR SRUSHTI VITTHAL	9834561307	9922340797	Spanor
41	3241	PAWAR TEJASWI RAGHUNATH		1122310111	spaces.
42	3242	POL RUTUJA SUBHASH	8459740902	860089584	B
43	3243	SANKPAL SANIKA MANSING	9130801225		gul.
44	3244	SANKPAL VAISHNAVI SANTOSH	2579598658	8796075636	Viscantipal.
45	3245	SAWANT EKNATH CHANDRAKANT	2017370050	91,001,000	13300
46	3246	SHEWALE PRIYANKA KASHINATH			
47	3247	SHEWALE SWATI ASHOK	7276941976	8390028030	Diville
48	3248	SHINDE RUTURAJ ANANDA	8010303650	29753799	A ZON CONTROL OF THE PARTY OF T
49	3249	SHINDE SHIVANJALI BHASKAR	8080134519	anty repro-	100
50	3250	SHINDE SHIVRAJ BHASKAR	7350304140	8010454464	
51	3251	SHINDE SHUBHAM NATH			<u>A</u>
52	3252	WAYADANDE SHUBHAM PANDHARINATH	7219195181	93261 12404	Gardande
53	3253	PATIL HARSHADA VISHWAS		7770058348	. 0



HEAD DEPARTMENT OF MICROBIOLOG

Principal Yashwantrao Chavari College of Science, Karad.

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

THE COLLEGE OF SCIENCE, KARAD
REF. NO.: YCCSK/LAB/F -
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, Bianjari, 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

DEPARTMENT OF MICROBIOLOGY

Yashwantrao Cha 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 Cilavan 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	17th 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 Inchange	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.			



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Head of the Department

DEPARTMENT OF MICROBIOLOGY

Yashwantrao Chavan Colleg of Science, Karad 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 Itd.,

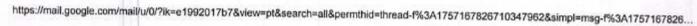
Mirjole, Ratnagiri

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,



Yashwantrao Chavan College

of Science, Karad.

Regards,

Kishor A. Sutar

Assistant Professor.

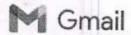
Department of Microbiology.

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>
Co: 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.

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

130	N	Frograi	nme or 1		
1)	1	e Department	:-	Microb	piology
2)	Class & Su	bject for which	:-	M. Sc.	Part II Microbiology
	Tour is arra	anged			
3)	No. of Stud	ents accompanying	:-	52	
4)	Place of vis	its and approximate	;-	Ratnag	riri and Malvan
	Distance of	traveling	:-	309 Kn	n. + 309 Km.
	Place		:-	Karad-	Ratnagiri – Malvan - Karad
	Total Dista	nce	:-	618 km	n. (approx)
5)	Date of dep	arture		:-	17th February, 2023
	a)	Departure from Karad		:-	6.00 a.m.
	b)	Arrival at Ratnagiri		:-	11.30 a.m.
	c)	Visit to Gadre Marine Inc	lustry	:-	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 Jon	urney		:-	Hired Vehicle
7)	Name of the	Staff		:-	Dr. A. A. Raut
					Shri. K. A. Sutar
					Miss. S. A. Lohar
8)	Name of no	n-teaching		:-	None
	staff accom	panying tour			

(Tour in-charge)



HEAD DEPARTMENT OF MICROBIOLOG

> Yashwantrao Chavan College of Science, Karad.

प्रति

डॉ. बाळालाटेब सावल काका कुषी विस्थापीठ अंतर्शन उस संशोधन केंद्र नापेन ला. वैभववाडी जिन्सेस्दरी

विषय:- असिलिक सहलीसाठी पर्वानागी -त्रिमिटीवाबत ..

वरील विषयास अनुसद्भ भाषणांस HEIRE क्तिमी करती की, स्ट्रन्था कुम संशोधन कर्षांबाकतं एम. एस.सी आज २ व्या विस्थाल्यांना

एकुरा ५२ लिएमार्सि ५ ३ स्थाम प्राह. मार्ग्यम कराव.

क्रवान ही निकारी

उपरिका दर्मा मा आगणाड Jeson In the Artum 100.00 and are ran January must Ps. 18435

Dr. A. A. Raut

Assistant Professor

Department of Mirobiology Yathwantson Chavan College

of Scrence Karad

havan College

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	Fruti
2	5002	Bhise Savita Baban	7066698095	9604614356	The second second
3	5003	Budhawale Prashant Navnath	9595158263	84080244	Proshel
4	5004	Chavan Gayatri Shivanand	7507528727	8766 96 7335	Gischum
5	5005	Etam Pranjal Prakash	1921516575	THE RESERVE AND ADDRESS OF THE PARTY OF THE	
6	5006	Hasole Prasad Bajarang	7798761171	8149761908	Our
7	5007	Haware Pooja Shashikant	749996T113	9579381279	Places
8	5008	Ingale Darshan Dadasaheb	9146152709	9860018108	
9	5009	Jadhav Bharati Vasant		9699 029374	
10	5010	Kadam Prathmesh Prakash	860598366		
11	5011	Kambale Mayuri Ananda	8177902750	9850337280	()
12	5012	Kamble Arundhati Avinash		9422048430	
13	5013	Kavade Radhika Rahul	8237092700		RRKovade
14	5014	Kharat Samadhan Anil	The state of the s	8530314642	and the second s
15	5015	Magadum Pratiksha Mahipati	9545665138	904932032	New
16	5016	Mali Pragati Bhimrao	7057502198	9623742790	Bemal.
17	5017	Mali Swapnali Madhukar	9975623954		
18	5018	Mulani Ayesha Musa		69767964539	Misham.
19	5019	Nagane Shivani Dilip	9970282775		Stwon
20	5020	Patil Abhay Bajirao	779644 7008		ABOUT
21	5021	Patil Pragati Sanjay		7218907500	Cani.
22	5022	Patil Priyanka Shrikant	9579695858		Lacipareto
23	5023	Satarmaker Tanjum Ibrahim		9325430998	Tolor
24	5024	Shinde Tejaswini Subhash	8459563951	and the same of th	Bhiggh
25	5025	Shinde Yukta Yuvaraj	7620480754	Control of the Contro	Such
26	5026	Wategaonkar Swapnali Nivrutti	9689538533	7350248533	Inw_
27	5027	Adsul Rushikesh Sanjay		7709881768	Paul.
28	5028	Ambale Vaibhavi Sagar	7249584153	8329393236	Combale
29	5029	Belekar Prasad Vishwanath		The same of the sa	Bilden.
30	5030	Chougale Omkar Shashikant	70 28 75 4050	- /	
31	5031	Deshkumkh Manasi Naresh	8080188676	8880060210	Mariant
32	5032	Gholap Monali Anil		7020929717	Market
3	5033	Hake Shweta Narendra	9172906755	-	toutall
4	5034	Kamble Mrunal Babaso	9112662560	1123811351	The
5	5035	Kamble Mrunali Baburav	\$380895187		Karnhema.
6	5036	Koli Ganesh Rajendra	7028557228		

37	5037	Kumbhar Viresh Vijay	8530253188	3561560645	1 shoother 8
38	5038	Mujawar Aiman Tanveer	909646848	9960440945	Annin work
39	5039	Munde Rameshwar Balaji	9370637508		Emanin.
40	5040	Naddaf Jeenat Makasood		9860808428	French.
41	5041	Naikwadi Fiza Aftab	7020343260	9921244673	terso
42	5042	Nangare Rushikesh Anil		9850374711	Asin
43	5043	Patil Rajnandini Rangarao	8767242541		
44	5044	Patil Saloni Mahesh	7249861495	7058705553	Fahl
45	5045	Patil Shardul Abhijit	8767237845		15
46	5046	Pawar Pratiksha Balasaheb	CONTROL SANCTON AND ADMINISTRATION AND ADMINISTRATI	9112027411	Bowars
47	5047	Rajegaonkar Sneha Sanjay		9822513837	
48	5048	Sangalge Tushar Umesh	9370169608	9970094462	Langalal
49	5049	Sangame Rutuja Mahavir	9359740842	3081474VIC	Ruterand
50	5050	Shanbhag Vaishnavi Muralidhar	9860172343		The whole
51	5051	Tupe Rutuja Sawanta	9284486505		- Day
52	5052	Varute Nilam Ananda	CONTRACTOR OF	9527080303	Hout.



HEAD **DEPARTMENT OF MICROBIOLOGY** Raut Tour Incharge

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 MICROBIOLO

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:-





Contincharge

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Head of the Department

HEAD DEPARTMENT OF MICROBIOLOG

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.



College of Scientific And College of Scientific And Kark Office And Kark Offic

Teacher In-charge

Head

Department of Botany

Principal

Principal

Yashwantrao Chavan College of Science, Karad

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

Study Tour of B. Sc. Botany Students -Aesthetic Garden Visit

















Exam No.: 42108

Roll No.

3441

LAB / F - 19

Date: 90/2/2023

201512023

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





Department of Botany

CERTIFICATE OF STUDY TOUR

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

of B. Sc. Part X/X/III of academic year 2022 - 2023 has attended the study tour organized by the Department of Botany

Aesthatic garden

study site / Research Institute / Industry / Nursery of

Educational interest on 20/5/2023



















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
- Endemic endangered plants
- 15. Trees
- Medicinal plants
- Aquatic plants.
- 18. Palms
- 19. Cacti and succulent plants.
- 20. Polyhouse
- 21. Bulbous plants
- 22. Fernery







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
	Pteridophyt	tes	X
2.	Nephrolepis exaltata Schoot		Polypodiaceae
	Gymnosper	ms	
9.	Araucaria excelsa R. Br.	Christmas tree	Araucariaceae
10.	Thuja orientalis L.		Cuperssaceae
11.	Cycas circinalis Roxb.	-	Cycadaceae
12.	Cycas revoluta Thunb.	(#S	Cycadaceae
13.	Zamia floridiana L.		Cycadaceae
14.	Gnetum ula L.	1128	Gnetaceae
15.	Pinus roxburghii Sarger	-	Pinaceae
16.	Podocarpus wallichiana Prest) = 0	Podocarpaceae
	Angiospern	ns	
54.	Tinospora cordifolia (Willd.) Miers	Gulvel	Menispermaceae
55.	Nymphea rubra Roxb. ex Salisb.	Kamal	Nympheaceae
56.	Bixa orellana L.	Bixa	Bixaceae
57.	Garcinia indica Choiss	Kokam	Clusiaceae
58.	Calophyllum inophyllum L.	Undi	Guttiferae
59.	Hibiscus rosa-sinensis L.	Jaswand	Malvaceae
60.	Helicteres isora L.	Murudsheng	Sterculiaceae
61.	Pterospermum acerifolium (L.) Willd.	-	Sterculiaceae
62.	Sterculia foetida L.	-	Sterculiaceae
63.	Aegle marmelos (L.) Corr.	Bel	Rutaceae
64.	Azadirachta indica Juss.	Kadunimb	Meliaceae
65.	Swietenia mahagoni Jacq.	Mahogani	Meliaceae
66.	Cissus quadrangularis L.	Hadsandhi	Vitaceae
67.	Butea monosperma Taub	Palas	Fabaceae
68.	Erythrina indica Lamk.	Pangera	Fabaceae
69.	Bauhinia pupurea L.	Kanchan vriksh	Caesalpiniaceae
70.	Caesalpinia pulcherrima (L.) Sw.	Shankasur	Caesalpiniaceae
71.	Cassia fistula L.	Bahava	Caesalpiniaceae
72.	Saraca asoka (Roxb.)Willd.	Sita Ashok	Caesalpiniaceae
73.	Parkia biglandulosa Wt. & Arn.	Chenduphal	Mimosaceae
74.	Kalanchoe pinnata (Lam.) Pers.	Panphuti	Crassulaceae
75.	Terminalia bellerica Roxb.	Behada	Combretaceae
76.	Terminalia catapa L.	Deshi Badam	Combretaceae
77.	Pimenta dioica (L.) Merr.	All Spice	Myrtaceae



Principal Shwamrao Chavan Coll of Science, Karad

78.	Couroupita guionensis Aubl.	Tophgola	Lecythidaceae
79.	Lagerstroemia reginae Roxb.	Taman	Lytharaceae
80.	Lawsonia inermis L.	Mehandi	Lythraceae
81.	Spathodea companulata P. Beauv	Pichkari	Bignoniaceae
82.	Oroxylum indicum (L.) Vent.	Tetu	Bignoniaceae.
83.	Opuntia elatior Mill.	(-)	Cactaceae
84.	Adina cordifolia B. & H.	Haldu	Rubiaceae
85.	Anthocephalus kadamba (Roxb.) Miq.	Kadmab	Rubiaceae
86.	Coffea arabica L.	Coffee	Rubiaceae
87.	Nyctanthes arbor-tristis L.	Ratrani	Oleaceae
88.	Nerium indicum Mill.	Kanher	Apocynaceae
89.	Calotropis gigantea (L.) R. Br.	Rui	Asclepiadaceae
90.	Gymnema sylvestre R. Br.	Bedkicha pala	Asclepiadaceae
91.	Adhatoda zeylanica Medic	Adulsa	Acanthaceae
92.	Petrea volubilis Woodr.		Verbenaceae
93.	Emblica officinalis Gaertn.	Awala	Euphorbiaceae
94.	Putranjiva roxburghii L.	Putranjiva	Euphorbiaceae
95.	Ficus elastica Roxb.	Rubber tree	Moraceae
96.	Hydrilla veticillata (L.f.) Royle	+:	Hydrocharitaceae
97.	Ravenala madagascarensis J. E. Gmel.	-	Musaceae
98.	Agave americana L.	Ghaypat	Agavaceae
99.	Aloe vera (L.) Burm. f.	Korphad	Liliaceae
100.	Asparagus racemosus Willd.	Shatavari	Liliaceae
101.	Eichhornia crassipes (Mart.) Solms	Kendal	Pontederiaceae
102.	Rhoeo discolor Hance	11-1	Commelinaceae
103.	Areca catechu L.	Supari	Arecaceae
104.	Caryota urens L.	Ardhi Supari	Arecaceae
105.	Roystonea regia (H.B. & K) Cook.	Royal Palm	Arecaceae
106.	Bambusa vulgaris Schrad.	Bambu	Poaceae

Objectives of the Botanical Garden:

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

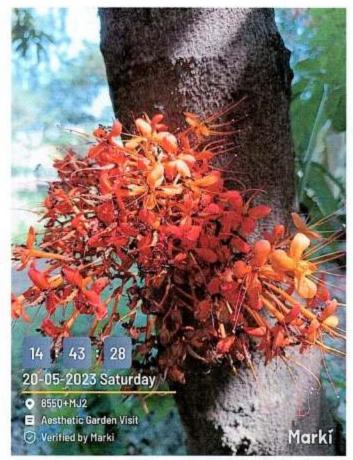
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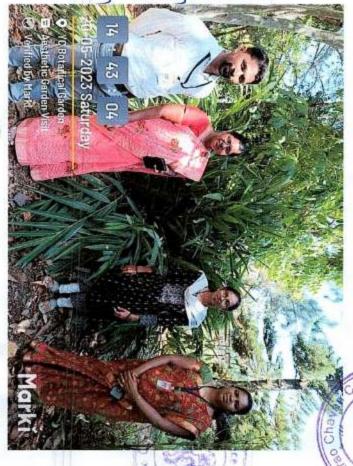
BOTANY Science A Karad &



Scadoxus multiflony Family - Amaryllidaceae



Saraca asoca Fabaceae





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	To enhance field knowledge of students. 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 Ya
Department of Botany
Yashwantrao Chavan College of
Science, Karad

Principal Principal

Yashwantrao Chavan College of Science

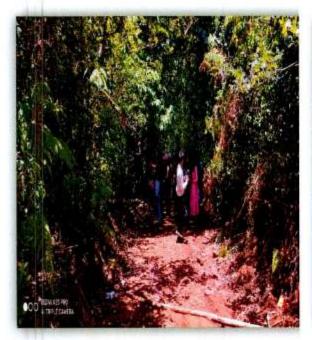


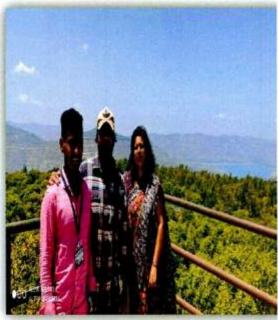


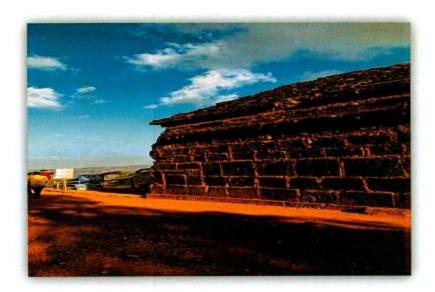
Principal Vashwantrao Chavan Ceilege of Science, Karad.

Study Tour of B. Sc. Botany Students -

Mahabaleshwar











Principal

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.

This is for information to all concerned.

Class In-charge



ple 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.

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.

7.00 a.m. 2

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.

Mege of

- Pen, Pencil and Notebook.
- All students have to maintain the discipline & obey the orders of their in- charge.
- Each & every student should follow the time schedule of tour strictly

BOTANY

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

Teacher In-charge

Head Department of Botany Yashwantrao Chavan College of Science, Karad



Il Be One with the downtrodden and the underprivileged II

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

CHAVAN COLLEGE OF SCIEN

Vidyanagar, KARAD - 415 124 Dist. Satara (Maharashtra) e-mail: prinyccsk@gmail.com **27** 02164 - 271356, 271357

UDISE Code - 27310207715

Index No. J 21.02.002

Reacredited 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,

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

Department of Botany

Principal

Principal

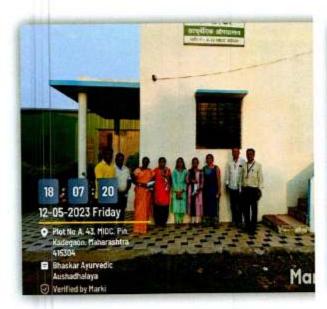
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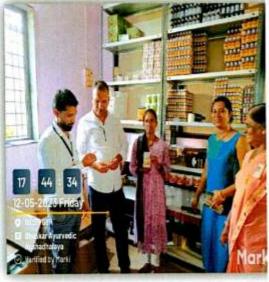
Head Yashv
Department of Botany
Yashwantrao Chavan College of
Science, Karad



Study Tour of B. Sc. Botany Students -

Bhaskar Ayurvedic Aushdhalaya, A43 MIDC, Kadegaon, Sangli















Exam No.: 42108

Roll No. 3441

LAB / F - 19

Date: 18/05/2023

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: RO91/5237



Department of Botany

CERTIFICATE OF STUDY TOUR

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

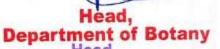
of B. Sc. Part +1+1 III of academic year 2012 - 2023 has attended the study tour organized by the Department of Botany

at Bhaska Ayurvedic Aushadhalaya
study site / Research Institute / Industry / Nursery of
Educational interest on 12/05/2023

8no

Teacher in - Charge





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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, Midc 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



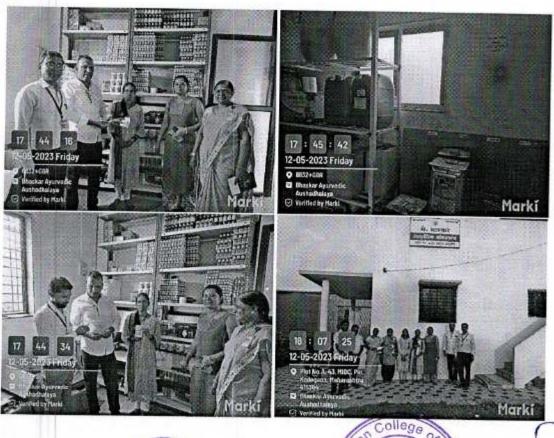




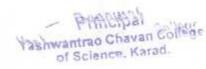
can buy it without investing a lot on it. During visit they said that, one can start distributorship in ayurvedic products, oils and veterinary products with 'BHASKAR AYURVEDIC AUSHADHALAYA'. They offer high profit margin if you start business with this company.

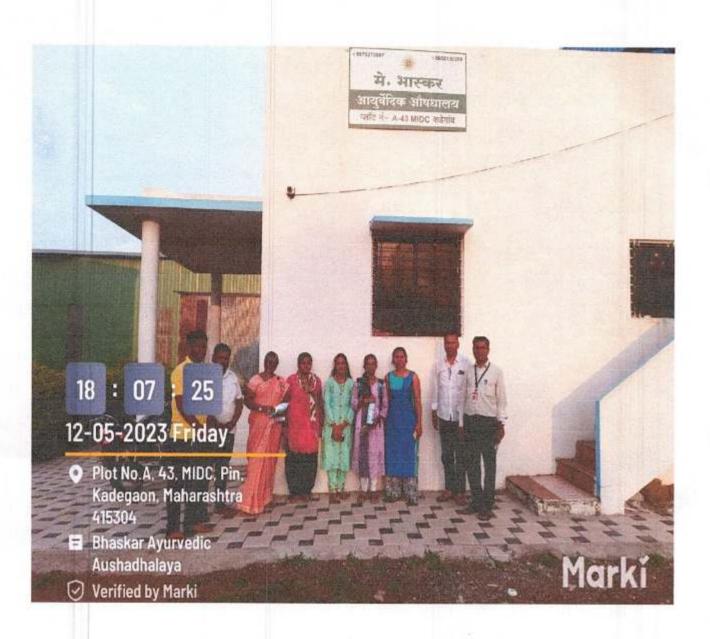
Different ayurvedic products are provided by the Bhaskar Ayurvedic Aushadhalaya such as -

- 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













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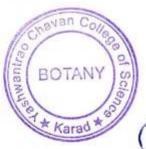




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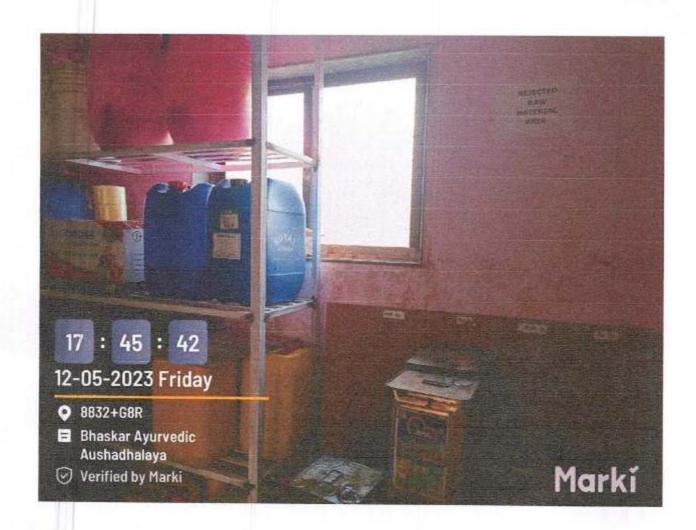






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Principal Yashwantrao Chavan Colleg of Science, Karad.







June

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

Department of Botany

Principal Yashwantrao Chavan College of Science Karad

Principal

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



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









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







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Yashwantrao Chavan College of Science, Karad

Depatment of Botany

Date: 29/4/2023 Field Visit to College Botanical Garden Sr. No. Name of student Roll No. Sign. Hams bhon Kumbhaz Dazshana UHam 329 Kubak Babar Apurua Abasaheb 2. 392 Pau Sakshi Brakash mali 3. 336 383 383 Mane Rutuja Rajaram Remone. D4. (Jem and Mane Isha Rajaram 338 35353 68 Paware Aakanksha Ashok Rations: Jambhale Suranna Akash Jano bhong. 320 Chavan Vaishnay Vishwas Ohevan 397 8. Chinchkar Tejaswi Gajanan 9. Shinchkar 299 sobale Vishakha Vishwas Hole 10 361 Market Patil Diksha Dinka 239 11 12 Propal Arali Navnath 247 A.N. Porod 18 Jalay: Vaishonavi Sondip Palavi 300 Report Pratiksha Tanaji Gurav 14 207 Desal vaishnavi Niwas amerai 15 200 科 343. Tate Manasi Parhunath. 16. Wale Jule Waishnavi 17 Avinash 369 Khavale Prajakta Dipak Alle 187 328 Calen kadam Sakshi 322 Sanjoy (19) Signiff Patil saraswati shivaji 20) 350 STON PIXIE Dixit Apurva 217 Nilkenth 304 22 pisal Ankita Prakash Pisal 359 Accele Tejaswini Nitin 23 426 T. N. A phadatore pouncin Rojurum 241 PRO 35P & Parak 423 257 Pawar sakshi kumar Pour 325 Kainse Vaishnavi Pandurang PK. Total Jagtap Badiksha Kakaso 316

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Date 29/4/2023

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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 Gnetum)	
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 Gnetum.	



Teacher In-charge

Department of Botany

Principal

Yashwantrau Chavan College of Science Karad

Head Yash

Department of Botany

Yashwantrao Chavan College of

Science, Karad



Study Tour of B. Sc. Botany Students -Botanical Garden















Principal
Yashwantrao Chavan College
of Science, Karad.



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

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, KARAD - 415 124 Dist. Satara (Maharashtra) 202164 - 271356, 271357 e-mail: prinyccsk@gmail.com

UDISE Code - 27310207715

Index No. J 21.02.002

Reacredited 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,

Yours faithfully.

Department of Computer Science
Yashwantrao Chavan College of Science,

Karad

Yashwantrao Chavan College of Science, Karad



Kolhapur 5 Jamawe 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

College of Science of

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
 - b) Departure from Karad :- 7:00 am
 - Biyani Technology Pvt. Ltd. Kolhapur :- 11:00 am-1:00pm c)
 - Lunch :- 1:00 pm to 1:30pm d)
 - e) Kaneri Math Kolhapur :- 1:30-2:00 pm
 - Departure for Karad :- 5:30 pm f)
 - Arrival at Karad :- 7:00pm g)

Tour in-Charge

Department of Computer Science Head

Department of Computer Science Yashwantrao Chavan College of Science, Karad

Colle

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 - 24/03/2022

Sr.No.	Roll No.	Name of the Students	Gen.	Mobile No.	Signature
1	3381	KACHARE ROHAN MUKUND	М	8007428142	Bleadism
2	3383	PISAL ADITYA VILAS	М	8805226167	Alde.
3	3386	SUPNEKAR SUMIT BHAGWAN	М	8628048235	Lynne
4	3388	KHATAVKAR ROHAN SANTOSH	М	7538159751	an
5	3389	RAUT NIRANJAN JAGANNATH	M	7709228038	Aren
6	3390	KUMBHAR PRATHMESH VAIBHAV	M	7058656910	Pete
7	3391	MOHOLKAR VIKRANT ANIL	M	9579274770	West
8	3394	PISAL VISHAL BHAUSO	M	9359028339	Voisal
9	3395	BAMANE AKASH BALKRISHNA	М	7620875490	ABonas
10	3399	BAVDEKAR BHUSHAN KAKASO	М	7798347969	June 1
11	3400	PATIL SHUBHAM GORAKHNATH	M	9673063010	(S)Patit
12	3401	MORE SURAJ ANIL	М	9175742869.	Surajura
13	3402	MULANI ALTAMASH MAHAMMAD	М	8805226/17	Amlani
14	3409	PHADATARE KUNAL SHAILESH	М	9359558140	Kophcofuy
15	3410	KAMBALE ADITYA DIGAMBAR	М	8459634032	delle
16	3471	PAWAR SWAPNIL DADASAHEB	М	9834926254	19%
17	3403	SUTAR SANTOSH DINKAR	М	8805726167	Soular
18	3405	KUMBHAR YOGESH VILAS	М	7066058386	~
19	9502	AVATE SUSHANT NAMDEV	М	7249165510	Twas.
20	9505	BHUJBAL PRANAY YASHWANT	М	9767708487	Roneyl
21	9506	CHAVAN JAGDISH VINAYAK	М	5172703112	Mohavin.
22	9507	CHAVAN OMKAR VINAYAK	М	9028946295	Os-
23	9508	CHAVAN PRAJVAL UMESH	М	8855850677	
24	9509	CHAVAN PRATIK PRAMOD	М	7558298080	Donas
25	9514	DESHMUKH ISHWAR LAXMAN	М	8530462054	and_
26	9518	DEVKAR PRAJWAL SURESH	М	838038964-6	Ban
27	9524	GOSAVI VAIBHAV CHANDRAKANTPURI	М	9141910101	Wave
28	9525	JADHAV ADITYA PRAKASH	М	7020463549	AH Jacks
29	9526	JADHAV AKASH HINDURAO	М	7709989996	Relity
30	9531	JADHAV SANKET RAMCHANDRA	М	9168088268	Sadhad
31	9533	JADHAV VISHWAJEET NANASO	М	8455745368	Ordoha.
32	9535	KADAM ROHIT SANTOSH Chavan Con	М	89994901920	Rs your

Karad *

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Sr.No.	Roll No.	Name of the Students	Gen.	Mobile No.	Signature
33	9536	KADAM SOHAM UDAY	М	9503723203	Schart
34	9537	KADAM VIRAJ SUJAY	М	9325939948	Mary
35	3382	MORE PRIYANKA SATISH	F	7620495402	Proves
36	3384	SAWANT SNEHAL SAMPAT	F	9579415580	Inchala
37	3385	SHEWALE ROSHNI SIDHESHWAR	F	9021026703	Bhess.
38	3387	KUMBHAR PRIYANKA RAMESH	F	7796430116	(PK)
39	3392	CHAVAN SHRAVANI PANDHARINATH	F	8180017375	Prov to
40	3396	GHORPADE SUNITA JYOTIBA	F	7249018860	azloslok
41	3397	KADAM SAYALI GANESH	F	9421382308	Rugh
42	3406	PISAL ASMITA SANJAY	F	9325979637	Agal
43	3407	PAWAR SNEHA SANJAY	F	1420999465	tano
44	3408	JADHAV VAISHNAVI VIJAY	F	70918988846	Varsham
45	9504	BHOSALE NIKITA MANOHAR	F	9284008625	Phasale
46	9510	CHAVAN VAISHNAVI VIJAY	F	9322969256	Weralan.
47	9511	CHOPADE RUTUJA SHASHIKANT	F	9879164557	Richopade
48	9512	DANGE ANUJA SUNIL	F	7058469203	Dange
49	9513	DESAI PALLAVI SHARADCHANDRA	F	165 7263601	190 00
50	9515	DESHMUKH PRITI ANKUSH	F	7769969001	reili
51	9516	DESHMUKH SAYALI SUNIL	F	7820838208	5.3 Deshruke
52	9517	DESHMUKH VINITA BHANUDAS	F	7378931747	V-B-Deskinush
53	9519	DOLE AISHWARYA DATTATRAY	F	9373739387	Proce
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Head Department of Computer Science
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

r.No.	Roll No.	Name of the Students	Gen.	Mobile No.	Signature	
1	9532	JADHAV SAYALI HANMANTRAO	F	9168670771	Hocher	
2	9534	JAMALE NEHA BAJIRAO	F	7058395821	relamate	
3	9538	KALANTRE NIKITA HINDURAO	F	9823301697	Mata:	
4	9539	KAMBLE SAKSHI DILIP	F	8600636177	श्री	
5	9543	KUMBHAR VAISHNAVI DEVDATTA	F	86689 90011.	Acumbh	
6	9544	LIMBARE PRAJAKTA PRAKASH	F	8839172946	Winh	
7	9546	MALI SNEHAL TUKARAM	F	9356986871	\$mail	
8	9547	MANE PRAJAKTA DHANAJI	F	8263823599	4 Sajar	
9	9551	MORE AACHAL PANDIT	F	8767037691	Armore	
10	9552	MUJAWAR AFSANA RAFIK	F	9175573802	dujour	
11	9553	MULLA KAJAL SALIM	F	9195545229	Kajo	
12	9560	PATIL NIKITA NAVANATH	F	8668255304	appall	
13	9564	PATIL SHIVANI RAVINDRA	F	8149102710	SUTE	
14	9565	PATIL SIDDHI NANDKUMAR	F	7758370199	3 Watil	
15	9566	PATIL SNEHAL RAHUL	F	8999638901	Skeftel	
16	9567	PAWAR AKANKSHA VIJAYSINH	F	9284759473	Rawas	
177	9569	PAWAR SHREYA PANDURANG	F	9763350815	S. P. Pawo	
18	9570	PAWAR VAISHNVEE PRASAD	F	976666804	Varies	
19	9573	POL SHREYA RAJENDRA	F	1307193419	22	
20	9586	SHIKALGAR KARISHMA LALA	F	87678850£5	Karethro	
21	9592	SUTAR PRAGATI MADHUKAR	F	3158033560	Preside	
22	9594	THORAT SARVDNYA DILIP	F	7743997921	Resa	
23	9595	THORAT SNEHAL DHANAJI	F	7028900133	Shora	
24	9542	KUMBHAR ADARSH MADHUKAR	М	9011272170	Awashe	
25	9545	MALAVE CHAITANYA DURYODHAN	М	9021758023	-emels	
26	9548	MANE SANGRAM UDAYSING	М	7659222121	Sima	
27	9554	NADAF NIHAL RAFIK	М	9373411260	60 Madel	
28	9555	NADAF SAHIL AINU	М	7972080767	7 Amala	
29 X	9556	NANGARE UTKARSH SANJAY	М	266564593)	Que	
30	9557	OZARDEKAR SHIVAM DHANANJAY	М	9352063307	In very	
31	9559	PATIL HRISHIKESH ASHOK Chave	COM	9765305817	100	
32 X	9561	PATH OMKAR JAGANNATH COMPU	18	90112898100	Supar	

r.No.	Roll No.	Name of the Students	Gen.	Mobile No.	Signature
33	9563	PATIL PARTH PRAMOD	М	7083048527	pppahl.
34	9568	PAWAR KUNAL MANSING	М	8177965463	Knary
35	9571	PAWAR VIRAJ VIVEK	М	888 818 2550	Claves
36	9572	PHALLE SOMNATH MAHESH	М	8080999677	Brade
37	9574	POL SUSHANT YASHWANT	М	7071730302	8700
38	9577	SAGARE VIKRAM VISHWAS	М	7498795622	Saus bl
39	9578	SALUNKHE AJAY SAMBHAJI	М	387558351022	Baluche
40	9581	SANKPAL PRATIK DILIP	М	9623273,606	June .
41	9582	SANKPAL RAHUL VIJAY	М	7620102591	Relph.
42	9583	SHEDAGE SAHIL TANAJI	М	7083287076	tradage
43	9584	SHEJWAL MAYUR SURYAKANT	М	8177984236	So
44	9585	SHEWALE RUTIK BAJIRAO	М	7378723878	es
45	9587	SHIKALGAR TOHID IBRAHIM	М	8999213535	100
46	9588	SHINDE OMKAR SAGAR	М	937082881	sho.
47	9590	SURVE SHUBHAM JAGANNATH	M	9145162445	2
48	9591	SURYAVANSHI JAYESH SURESH	М	9359602720	JS8.
49%	9593	TAWAR MANISH DEEPAK	М	9356855131	MAUAR
50	9596	TODKAR ASHISH TATYABA	М	8855849955	Aucos
51	9597	VARKAD AADESH ANIL	М	9607696716	Drakac
52	9598	WADATE TEJAS VINOD	М	7387242635	TMade
53	9600	YADAV ANIKET ANIL	М	8975841806	Gade
54	9601	YADAV PRATIK BAPURAO	М	9112851157	1
55	9602	YADAV SAIRAJ PRASHANT	М	7219453048	Lyoles



Head
Department of Computer Science
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	gandwale.
2	9752	DESAI ABHISHEKH RAMESH	Debeth.
3	9753	GURAV MADHAVI AJAY	Musel
4	9754	JADHAV AKHILA ARUN	Apollar _
5	9755	JADHAV UDHAY SHANKAR	alogs
6	9756	KADAM ANKITA VILAS	Kankita.
7	9757	PATIL RAJANI JAGANNATH	18 con
8	9758	SURYAGANDH POONAM ARUN	Surgagardh
9	9759	THORAT SHAMBHURAJ SHIVAJI	28 hord
10	9760	WADKAR SIDDHANT UMESH	Sudkon



Department of Computer Science Yashwantrao Chavan College of Science, Karad



Principal

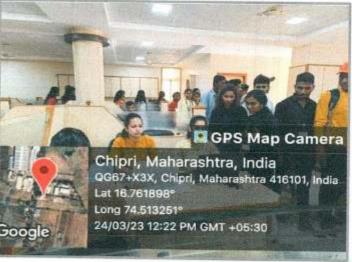
Yashwantrao Chavan College
of Science, Karad

Photos









Company Conference Room

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





Yashwantrao Chavan College of Science, Karad

Department of Electronics Industrial Visit -2022-23

Class - B.Sc.III

INDEX

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

HHOD

Department of Electronics Yashwantrao Chavan College of Science, Karad Principal

* Karad

Estd. 1958



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

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

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

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

Reacredited B++ Level by NAAC, Bangalore

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

Ref No: 2022-23 /33

Date 03/05/2028

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







Yashwantrao Chavan College of Science, Karad **ACTIVITY REPORT** Name of the Department: Electronics 8-Sc . III Academic Year - 2022-23 Name of the INNOVHUB SYSTEM PRIVATE LIMITED GH, Society , Karad. activity Purpose of To makes students know resent rends in Electronics Program No. of Students 11 Participated No. of Teachers 03 Participated 1) Students are updated with the recent knowledge in Electronics. Program outcomes 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 Charles Science

Vashwantrao Charles Science

Karau

os Ocience

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 Niranjan	B.Sc _. III
11	3011	Desai Shriyash Sambaji	B.Sc . III

Yashwantrao Chavan College of Science, Karad

DepartmeHQDElectronics
Yashwantrao Chavan College of Science,
Karad

ELECTRONIC



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.

Tour In - charge

Examiner

HOD

HEAD

Department of Electronics Yashwantrao Chavan College of Science, Karad





Tour Report

Tour Report Department of Electronics arranged industrial visit 5 may 2023 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 threedimensional 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 hundreads 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 (comouter 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





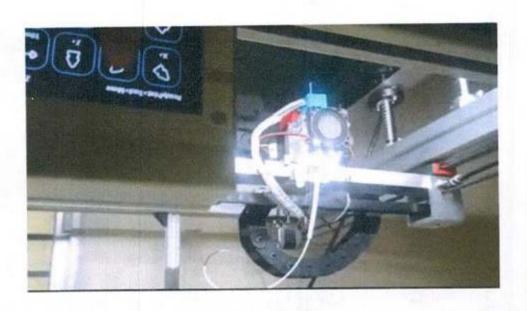


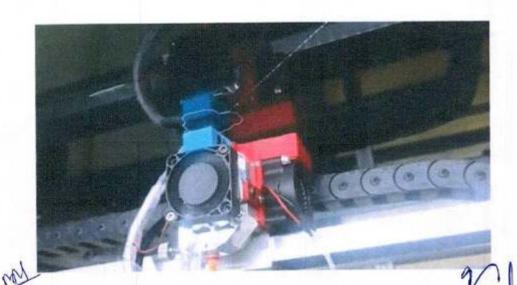












Department of Electronics
Yashwantrao Character and of Science,

Karaa





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

HÓD

HEAD

Department of Electronics Yashwantrao Chavan College of Science, Karad





Tour Report

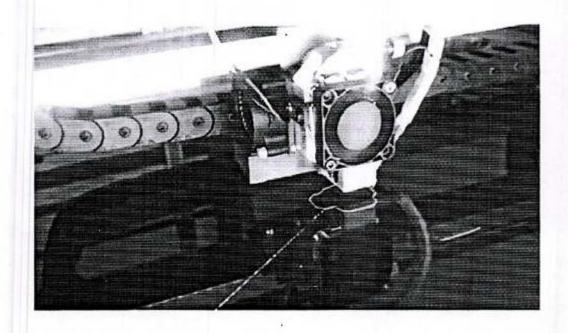
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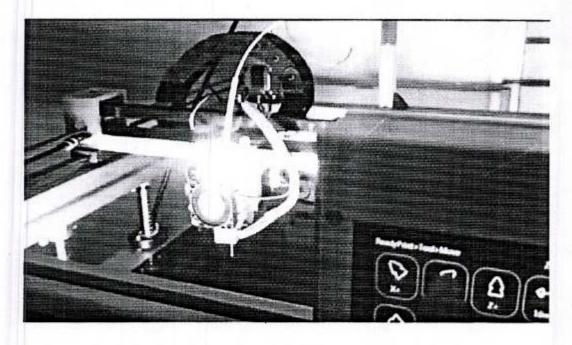
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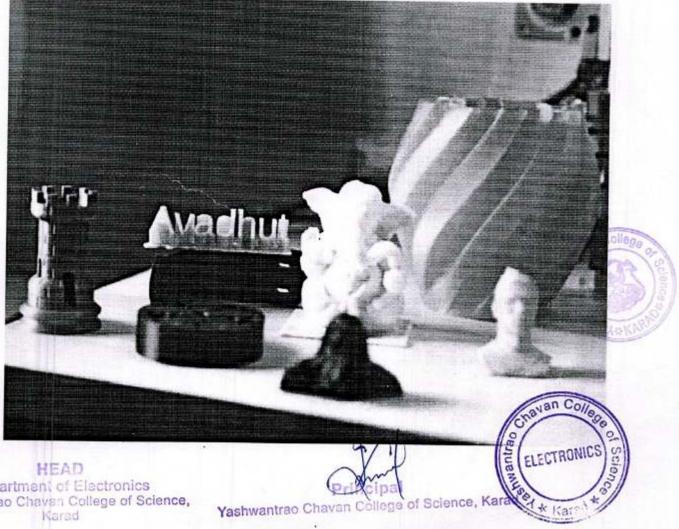












HEAD

Department of Electronics
ashwantrao Chayen College of Science, Karad

Yashwantrao Chavan College of Scier, Karad

Department of Electronics

Feedback form Industrial Visit at ZNINOVIHUB System Private Limited all society karas Name Student:

Jaxekax sanket sub-

Class: BSC-III Roll No. 3008

1	Organization 11 Landau and	Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Poor (1)
1	Organization of Industrial Visit	~		1		.,,
2	Location selected for the industry visit/study		~			
3	The response of Industrial expert	V				
4	Encouragement for the startup	~	- 11-			
5	Over all Departmental co-operation & schedule management	~	A		*	

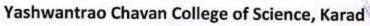
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Principal







Department of Electronics

Industrial Visit at INNO	VHUR	System	m Private Limited	GH. Socity	Koxa
			the	Student:	1 4040
Dubal Harshar	JI WIN	25			

Class: B'SC-TT Roll No. 3001

_	,	Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Poor (1)
1	Organization of Industrial Visit	-				2900
2	Location selected for the industry visit/study		-			
3	The response of Industrial expert	-		70		
4	Encouragement for the startup		-			
5	Over all Departmental co-operation & schedule management	-			-4	7

College of Science,

ELECTRONI

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			111111
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		



Department of Electronics
Yashwantrao Chavan College of Science,
Karad

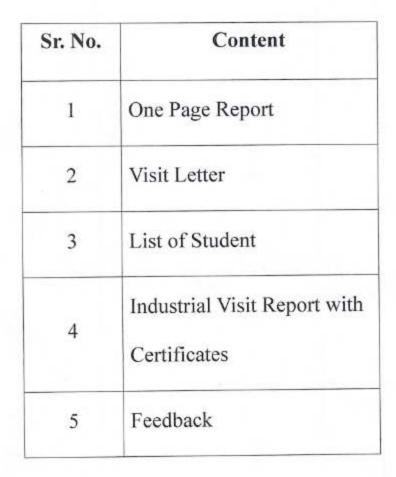
Yashwantrao Chavan College of Science, Karad

Department of Electronics

Industrial Visit -2022-23

Class - B.Sc.II

INDEX



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Yashwantrao Chavan College of Science,
Karad



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YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

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

2 02164 - 271356, 271357 Fax: 02164-271356, e-mail: prinyccsk@gmail.com

Reacredited B** Level by NAAC, Bangalore

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

yantrao Chayan College of Science, Kar





Estd. 1958



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

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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**

		(3)			
Name of the Depart	ment: Electronics	Academic Year – 2022-23			
Name of the activity	B.Sc. II Electronics Students Field Work / Visit				
Purpose of Program	To makes students kr	To makes students know resent rends in Electronics			
No. of Students Participated	12	12			
No. of Teachers Participated	02				
Program outcomes	Students are updated with the recent knowledge in Electronics. Students are inspired by the recent development in Electronics				
Program Photo	gram Photo				

Teacher In charge

Signature Head of the Department

Signature Principal

Principal
Ys shwantrao 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

HIDID

Department of Electronics Yashwantrao Chavan College of Science, Karad



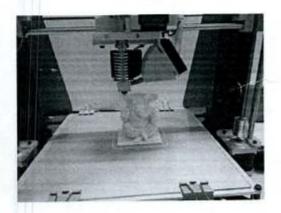
TOUR REPORT

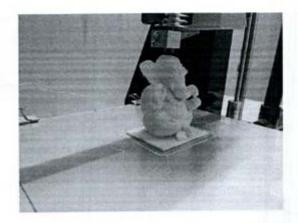
As part of the MOU with Innovhub Systems Private Limited, our Department arranged industrial visit on 30th May 2023. The aim of visit was to collect information about 3D printer.

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.

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 the 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 material 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 (see sintering) 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 printer mainly consists frame, stepper motor, heater etc.

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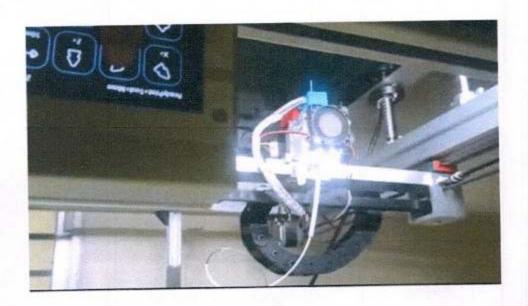
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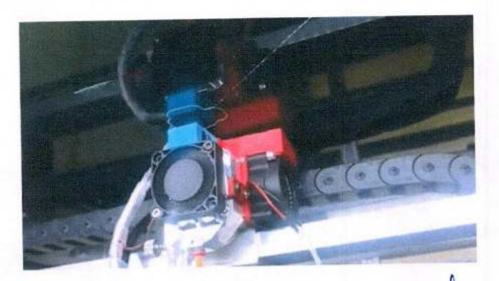
Department of Electronics

Yashwantrao Chavan College of Science,

Karad









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HEAD
Department of Electronics
Yashwantrao Chavan College of Science,
Karad

Principal

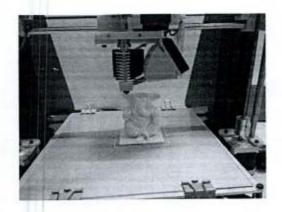
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YASHWANT RAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF ELECTRONICS

CERTIFICATE

Industrial Visit 2022-23

This is to certify that Mr. Miss. Dodmani kahul kaju

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.

Tour In-charge

Examiner

ELECTRONIC

HOD

HEAD

Department of Electronics

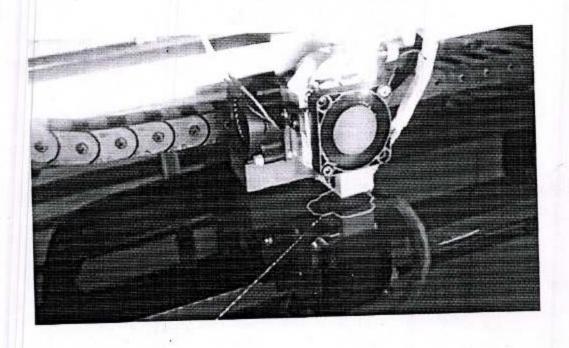
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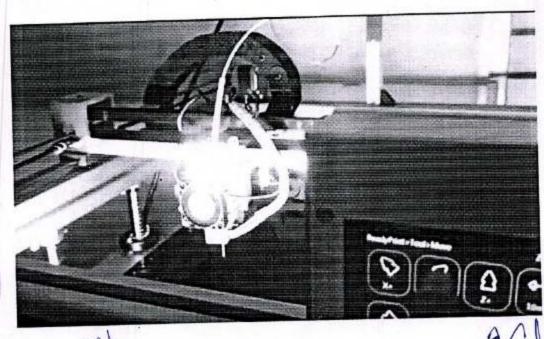
Karad

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Principa!







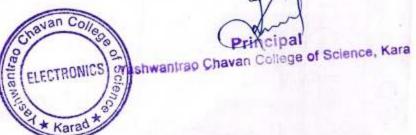


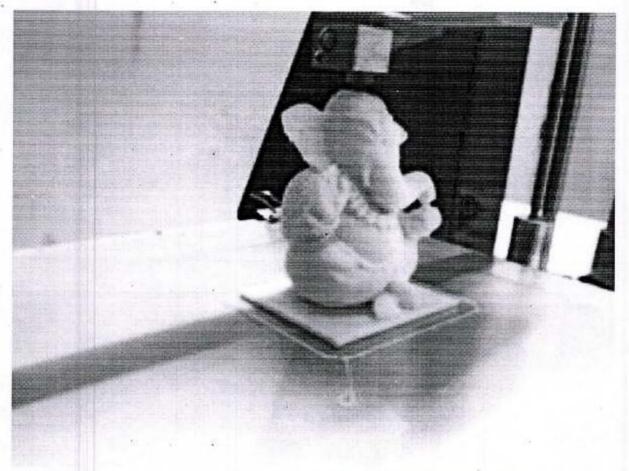
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Department of Electronics

Yashwantrao Chavan College of Science,

Karad









Principal

Yashwantrae Ct.

.. of Science, Karad

YASHWANT RAO CHAVAN COLLEGE OF SCIENCE, KARAD

DEPARTMENT OF ELECTRONICS

CERTIFICATE

Industrial Visit 2022-23

This is to certify that Mr. Aliss. Shindle Bharest madhykar.

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.

Tour In-charge

Examiner

Department of Electronics Yashwantrao Chavan College of Science, Karad



Yashwantrao Chavan College of Scie , Karad

Department of Electronics

Department of L		
Industrial Visit at Janovhub 95 em	Private Limited	, uh society kasa
Palil shantonu Bhaskax	the	Student:
Class: D.C.C. TN. Roll No. 2014		

		Excellent (5)	Very Good (4)	Good (3)	Satisfactory (2)	Poor (1)
1	Organization of Industrial Visit	V	5			
2	Location selected for the industry visit/study	V	90	5		
3	The response of Industrial expert	<i>±</i>	~		-	
4	Encouragement for the startup	~	-	2		
5	Over all Departmental co-operation & schedule management	~	K			

Date 31/05/2023

Sign. SPahil.



Principal

Yashwantrao Chavan College of Science, Karad



College of Science strong

Yashwantrao Chavan College of Science, Karad

Department of Electronics

Feedback form
Industrial Visit at Innovhub System Primate Limited Cett Society, Konda,

Name
Of the Student:

Class: BSG- TI Roll No. 2010

		Excellent (5)	Very Good (4)	Good (3)	Satisfactory . (2)	Poor (1)
1	Organization of Industrial Visit	2				
2	Location selected for the industry visit/study		1			
3	The response of Industrial expert		1			
4	Encouragement for the startup	1				
5	Over all Departmental co-operation & schedule management	1	1			2
11	Date 31/05/2023	Sign.	mo.	Prin	ncinal	A

Yashwantrao Chavan College of Science, Karad



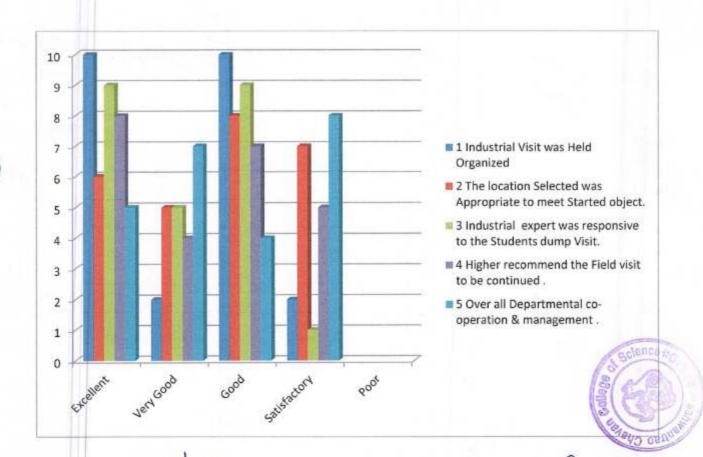
Yashwantrao Chavan College of Science, Karad

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			



HEAD

Department of Electronics
Yashwantrao Chavan College of Science,
Karad

Principal

Yashwantrao Chavan College of Science, Karad



II Be One with the downtrodden and the underprivileged II

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

Vidyanagar, KARAD - 415 124 Dist. Satara (Maharashtra) **2** 02164 - 271356, 271357 e-mail: prinyccsk@gmail.com UDISE Code - 27310207715 Index No. J 21.02.002

Reacredited B++ Level by NAAC, Bangalore

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

Ref /45 3/2022-23

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.

Department of Zoology Yashwantrao Chavan College of Science, Karad

ZOOLOG

Yours Faithfully,

Yashwantrao Chavan College of Science, Karad



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

Vidyanagar, KARAD - 415 124 Dist. Satara (Maharashtra) e-mail: prinyccsk@gmail.com

3 02164 - 271356, 271357

UDISE Code - 27310207715

Index No. J 21.02.002

Reacredited B++ Level by NAAC, Bangalore

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

Ref / 02/2022-23

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.

ZOOLOG

Thanking You.

Department of Zoology Yashwantrao Chavan College of Science, Karad Yours Faithfully,

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.

Brule.

for Head Dept of Zoology Principal

Jamel

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
10/April 2023	Radiagiii	about the habitat of fish

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

Teacher in-charge



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 accompaining 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) Vide of journey

-- By Hired vehicle

- 7) Name of the staff members accompaining tour.
 - 1) Mrs. Mulla. K. C.
 - 2) Miss. Sankpal. D. S.
 - 3) Shri. Sawant. R. J.

Brulla

lev Head Dept. of Zoology

ZOOLOGY Coience To Karad * Karad *

Yashwantrao Chavan College of Science, Karad.



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

Vidyanagar, KARAD - 415 124 Dist. Satara (Maharashtra) @ 02164 - 271356, Fax: 02164-271356, e-mail: ychavan@bsnl.in, prinyccsk@gmail.com

Reacredited B Level by NAAC, Bangalore

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 00/04/2023(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 time shedule & obey the orders of the incharge througout the tour.

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YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

DATE:	REF. NO.: YCCSK/LAB/F -
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STUDY TOUR REPORT

Year 2022-2023

CLASS: B.sc III Zoology

TOTAL NUMBER OF STUDENTS: 30

22-20

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
	Timile and Raide Beech	about the habitat of fish

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

Teacher in-charge

TOOLOGY COLOGY C

Yashwantrao Chavan College of Science, Karad

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 accompaining 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) Vide of journey

-- By Hired Vehicle

- 7) Name of the staff members accompaining tour.
 - 1) Mrs. Madane. T. S.
 - Miss. Sankpal. D. S.

Head Dept. of Zoology

GY SS

Principal
Yashwantrao Chavan College
of Science, Karad.



Il Be One with the downtrodden and the underprivileged II

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

HWANTRAO CHAVAN COLLEGE OF SCIEN

Vidyanagar, KARAD - 415 124 Dist. Satara (Maharashtra) e-mail: prinyccsk@gmail.com

2 02164 - 271356, 271357 UDISE Code - 27310207715

Index No. J 21.02.002

Reacredited 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 time shedule & obey the orders of the incharge througout the tour.

Sr. No	Name of the Student	Age	Signature
1	KORE NIYANTA ARUN	20	Signature
2	KOLEKAR PIYUSHA MANOHAR	20	relegip
3	SHIKALGAR SANIYA RAMJAN	20	
4	SONAWALE SIDDHI VINOD	20	gayse
5	AMBAWADE PRIYA ANANDA	20	Bonavare
-6	MALI SONALI RAMCHANDRA	20	A)mbaroade.
7	YADAV ANIKET MARUTI	19	4.7
8	SHINDE SURAJ ANANDRAO	20	A 1.
	CHAVAN MEGHA RAMCHANDRA	19	- Berole
10	GURAV RUPALI RAJENDRA	28	A

Department of Zoology

Yashwantrao Chavan College of Science, Karad

ZOOLOGY

Yashwantrao Chavan College

of Science, Karad



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2 02164 - 271356, 271357 e-mail : prinyccsk@gmail.com

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UNDERTAKING

Department of Zoology

Date- 15/02/2023

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3	SHIKALGAR SANIYA RAMJAN	20	gauge.
4	SONAWALE SIDDHI VINOD	20	Ponguale
5	AMBAWADE PRIYA ANANDA	20	Ambawada
6	MALI SONALI RAMCHANDRA	20	Minipalación
7	YADAV ANIKET MARUTI	19	-
8	SHINDE SURAJ ANANDRAO	20	N. I.
9	CHAVAN MEGHA RAMCHANDRA	19	Shirole
10	GURAV RUPALI RAJENDRA	28	

Department of Zoology Yashwantrao Chavan College of Science, Karad



Yashwantrao Chavan College of Science, Karad



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

Department of Zoology

Date -15/02/2023

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

Following are the bonafide students and teaching & Non - teaching staff of our college, they are travelling from Karad to Karde & Harne and back.

	Sr. No	Name of the Student	Age	Mobile No
	1	KORE NIYANTA ARUN	20	7038491570
	2	KOLEKAR PIYUSHA MANOHAR	20	9511680926
	3	SHIKALGAR SANIYA RAMJAN	. 20	8600593038
	4	SONAWALE SIDDHI VINOD	20	7822805057
1	5	AMBAWADE PRIYA ANANDA		7775816392
	6	MALI SONALI RAMCHANDRA	20	8010130092
	7	YADAV ANIKET MARUTI	20	
	8	SHINDE SURAJ ANANDRAO	19	7387941799
	9	CHAVAN MEGHA RAMCHANDRA	20	8530601301
	10	GURAV RUPALI RAJENDRA	28	
	-	W 12	100	
1	Tur	Staff	The state of the s	1
1	1	Mrs. Madane. T. S.	• 28	Titro
	. 2	Miss. Sankpal. D. S.	28	E.W.

Head

Department of Zoology Vashwantrao Chavan College of Science, Karad

ZOOLOGY

Vashwantrao Chavan Collage

of Science, Karad



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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



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YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

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Reacredited B** Level by NAAC, Bangalore

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

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,

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, Wailon 15th Nov. 2022.

All concern should note and follow.

Healdead

Yashwantrao Chavan Cunego 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 accompaining 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) Vide of journey

-- By Hired Vehicle

- 7) Name of the staff members accompaining tour.
 - 1) Mrs. Madane. T. S.
 - 2) Mrs. Mulla. K. C.



Dept Polimeoble Soology
Yashwantrao Chavan College of Colones, Karad



Yashwantrao Chavan College of Science, Karad.



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

Department of Zoology

Date - 13/11/2022

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

Following are the bonafide students and teaching & Non - teaching staff of our college, they are travelling from Karad to Mahabaleshwar, Wai and back.

Sr. No	Name of the Student	Age	Mobile No	
1	KORE NIYANTA ARUN	20	7038491570	
2	KOLEKAR PIYUSHA MANOHAR	20	9511680926	
3	SHIKALGAR SANIYA RAMJAN	20	8600593038	
4	SONAWALE SIDDHI VINOD	20	7822805057	
5	SUPNEKAR SUMIT BHAGWAN	19		
6	AMBAWADE PRIYA ANANDA	20	7775816392	
7	MALI SONALI RAMCHANDRA	20	8010130092	
8	YADAV ANIKET MARUTI	19	1545679717	
9	SHINDE SURAJ ANANDRAO	20	7387941799	
10	CHAVAN MEGHA RAMCHANDRA	19	8530601301	
1	-			
	Staff			
1	Mrs. Madane. T. S.	28	(1, 18)	
2	Mrs. Mulla. K. C.	28		





Principal
Yashwantrao Chavan College
of Science, Karad



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

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 througout the tour.

Name of the Student

	Traine of the Student	Age	Signature
1	KORE NIYANTA ARUN	20	Alore-
2	KOLEKAR PIYUSHA MANOHAR	20	Wolcharp.
3	SHIKALGAR SANIYA RAMJAN	20	Says
4	SONAWALE SIDDHI VINOD	20	Rorawale
5	SUPNEKAR SUMIT BHAGWAN	19	
5	AMBAWADE PRIYA ANANDA	20	Ambawade
6	MALI SONALI RAMCHANDRA	20	Semali
3	YADAV ANIKET MARUTI	19	Any do
8	SHINDE SURAJ ANANDRAO	20	Pariole
09	CHAVAN MEGHA RAMCHANDRA	19	Sour
11	-	20	-1.643





Principal Yashwantrao Chaven 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

TOTAL NUMBER OF STUDENTS: 10

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
15th Nov 2022	Apiculture center	Students gained knowledge about the habitat of Honey bee
15th 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

Prena drine beharmeney Yashwantrao Chavan ciense, Karad

Yashwantrao Chavan Conege 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.

Chavan College of Scientific KARAO



(Tour in-charge)



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YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

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

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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	3.7
1	3001	Kumbhar Sayali Prakash	1.
2	2004	Jagtap Sanika Nivas	
3	2035	Yadav Shivanjali Vinayak	
4	2093	Chavan Sneha Ravindra	4
5	2033	Pawar Digvijay Raviraj	
6 .	2094	Dalavi Atharvaraj Sambhaji	1 2
7 .	2091	Bhoite Vishal Hanmant	
8	2032	Jadhav Vishwamohini Yuvaraj	**
9 .	2031	Gaikwad Prajakta Ankush	
10.	2013	Nikam Siddhi Ramesh	1
11	2036	Kamble Prashant Keshav	

Name of the Staff Member

1	Miss.Pallavi Kisan Madane	*
2	Miss.Ashwini Shankar Jagadale	9



Yours faithfully

Principal.

Pashwantrao Unavan College of Science.

Karad

YASHWANTRAO CHÁVAN 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.

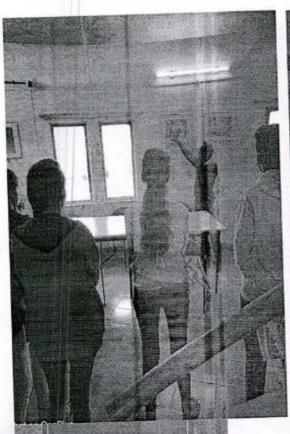
Sr. No.	Roll No.	Name of the Students	Mobile No. Students	Parents Mobile No.	Students Signature
1	3001	Kumbhar Sayali Prakash .	8530861536	9621528330	8
2	2004	Jagtap Sanika Nivas	7823848910	7350497101	Series P
3	2035	Yadav Shivanjali Vinayak	9096990723	9552129719	Sydan
4	2093	Chavan Sneha Ravindra	9561738315	9921542330	Chavas
5	2033	Pawar Digvijay Raviraj	9028507673	9373173881	Parae.
6	2094	Dalavi Atharvaraj Sambhaji	7058312164	9623426049	Yalans.
7	2091	Bhoite Vishal Hanmant	8530774737	8390414714	Obabaice.
8	2032	Jadhav Vishwamohini Yuvaraj	8767921392	8999649210	Jun
9	2031	Gaikwad Prajakta Ankush	7498103624	9373097789	Pulcha
10	2013	Nikam Siddhi Ramesh	9604098887	9604028887	- (
11	2036	Kamble Prashant Keshav	7499762273	9763130447	agente.
12	Staff	Miss.Pallavi Kisan Madane	9637232184		
13	Staff	Miss.Ashwini Shankar Jagadale	9604098943	125	



Yours faithfully
Yashwantrao Chavar College of Science.

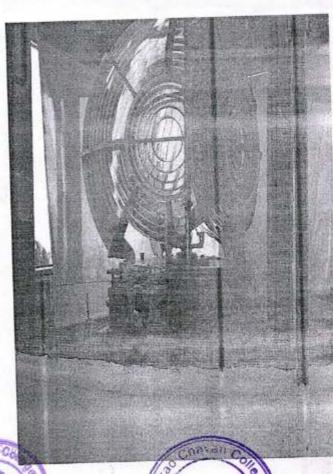
YASHWANTRRAO CHAVAN COLLEGE OF SCIENCE, KARAD

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.

7.00 a.m. 2

Departure to Mahableshwar

10.00 a.m. 3

Arrival at Gureghar. Visit to Biodiversity areas & polluted sites.

Lunch

4 1.30 p.m. Departure to Kshetra - Mahabaleshwar Polluted sites

5.00 p.m. 5

Departure to sunset point.

6 6.15 p.m. Departure to Karad via Medha, Satara.

10.00 p.m. 7

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.
- Each & every student should follow the time schedule of tour strictly

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

Department of Pollution Yashwantrao Chavan College of

Science, Karad

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	To enhance field knowledge of students. Learn new techniques of field data collection and preservation.
No. of Students Participated	O2
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

Department of Pollution

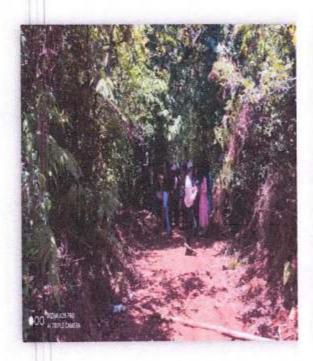
Principal

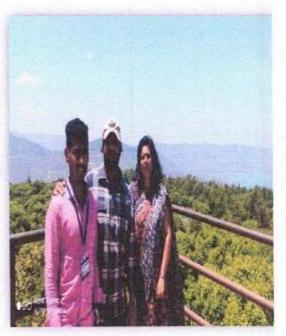
Principal, Yashwantrao Chavan College of Science, Karad.

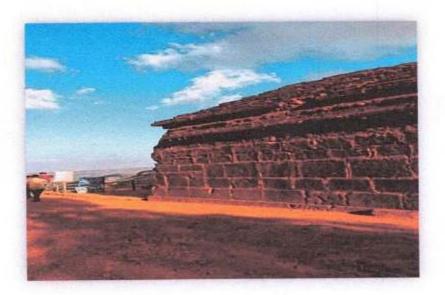




Study Tour of B. Sc. Pollution Students – Mahabaleshwar











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

tudent Name	Rollno	Exam no
rs.Abhishek Ajay Bhosale	5142	38628
		\$1/02

Yashwantrao Chavan College of science, Karad



Page No.

Exam No.: 38628

Roll No.

LAB / F - 19

Date: 16105123

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD



Vidyanagar, Karad – 415 124

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AN ISO 9001:2015 CERTIFIED COLLEGE
Reg: RQ91/5237





Department of Pollution

CERTIFICATE OF STUDY TOUR

This is to certify that, Mr. / Miss
Abhishek Azay Bhosale
of B. Sc. Part -III of academic year 20 22-2023 has
attended the study tour organized by the Department of Pollution
at Mai & mabaleshuse-
study site / Research Institute / Industry of Educational
interest on 15/05/2023 parmined Provided Provide
Teacher in - Charge Examiner Head, Department of Pollution











Yashwantrao Chavan College of Science, Karad Department of Pollution B.Sc. Part III Study Tour at Wai and Mahabaleshwar

ay rour at war and manabaleshwar

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 Mahableshwar, 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, were 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

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

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





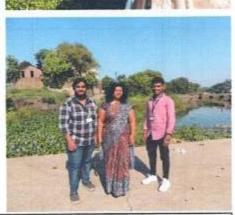












Water Polluted Bodies: Wai



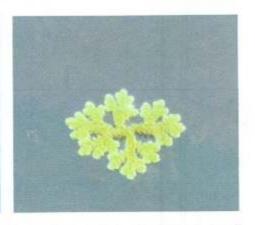




Cloth washing waste are dumped directly in Krishna River, Wai







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





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

YASHWANTRAO CHAVAN COLLEGE OF SCIENCE, KARAD

Vidyanagar, KARAD - 415 124 Dist, Satara (Maharashtra) 22 02164 - 271356, 271357 e-mail : prinyccsk@gmail.com

UDISE Code - 27310207715

Index No. J 21.02.002

Reacredited 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 <u>Biochemistry</u> 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 grand them permission to visit alcohol industry and waste treatment plant in your industry.

Thanking you,

Yashwantrao Chavan College of Science, Karad.

Principal

Principal
Yestwantrao Chavan Collegge
of Science, Kasadi

Teacher in charge

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 **Complulsory** as per university syllabus.

All concerned should note follows.

Course Co-ordinator,

Department of Biochemistry



Principal

Yashwantrao Chavan College

College 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 ACOMPAINYING:

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

ept of Chemistry

Head

Department of Chemistry Yashwantrao Chavan College of

Science, Karad

Chairmn Tour committee



Yashwantrao Chavan College of Science Ka

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	- Tab
2	2312	Bodhagire Vikram Ravso	VRB.
3	2313	Chavan Pradnya Rajendra	haver
4	2314	Desai Shantanu Kantilal	Desail.
5	2315	Jagtap Anuradha Ashok	Anwadher
6	2316	Kadam Sujata Sanjay	S.G. Kadaro
7	2317	Mail Ashrani Satish	Mail. As.
8	2318	Mane Shrutika Suresh	shrutika.s.m.
9	2319	Mulla Mohasina Mahammad	Quid!
10	2320	Nalawade Atul Dharmaraj	Natawade.
11	2321	Patil Shambhuraj Vishwas	Estabile
12	2322	Pawar Prerana Ganesh	Ecawar
13	2323	Pawar Vaishnavi Bapuso	VPB outer
14	2324	Shaikh Karina Rashid	KS poists
15	2325	Shinde Avinart Ashok	Shinde.
16	2326	Shinde Sanket Ashok	Deere
17	2327	Sutar Sujit Anil	-Sut
18	2328	Swami Shreyas Dattatray	Swami
19	2329	Takpire Rushabh Balu	QB Takpine
20	2330	Thorat Durga Amarsinh	Duaga.
21	2331	Thorat Sanjvani Santaji	S.S. Thorat





Yashwantrad 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 Chairmn

Tour committee

Department of Chamistry

Science, Karador

(antrao Chavan College 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 departureand arriaval. :-

a) Departure from karad (05 jan) :- 10am

b) Arrival at Sahyadri Sahakari sakhar :- 11am

karkhana Ltd, Yashwantnagar.(09 jan)

c) Arrival at karad :- 6pm

6) Mode of Journey :- Hired vehical

7) Name of the Staff :- Mrs. Panwal.N.R



