

**Sipna Shikshan Prasarak Mandal, Amravati's**  
**ARTS, SCIENCE AND COMMERCE COLLEGE**

**CHIKHALDARA, DISTT. AMRAVATI (Maharashtra State)**



**CRITERION – I**

**1.3 Curriculum Enrichment**

**1.3.2**  
**Percentage of Students Undertaking Project Work/  
Field Work/ Internships**  
**(Data for The Latest Completed Academic Year)**

■ President  
**Shri. Jagdish M. Gupta**  
(Ex. Minister of State, Maharashtra)  
0721 (O)2522341 (R) 2572526



SIPNA SHIKSHAN PRASARAK MANDAL'S AMRAVATI

**ARTS, SCIENCE &**

**COMMERCE COLLEGE, CHIKHALDARA**

■ Principal  
**Dr. Rajesh S. Jaipurkar**  
(Mob.) 9423126066

Distt. Amravati (Maharashtra) 444 807  
NAAC Reaccredited 3rd Cycle with CGPA 2.77 at grade B++ (2018-2023)

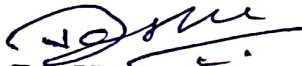
■ E-mail : [ascc163@sgbau.ac.in](mailto:ascc163@sgbau.ac.in) ■ Website : [www.sipnaascc.ac.in](http://www.sipnaascc.ac.in) ■ Tel. (O) 07220-230309


Outward No : *ASCC/Cert./248/2023*

Date : *23/05/2023*

## DECLARATION

This is to declare that the information, photos, reports, true copies, numerical data, etc. furnished in this file as supporting documents is verified by IQAC and found correct.

  
Dr. V.D. Kapse  
IQAC Coordinator  
Co-ordinator  
**IQAC**  
Arts, Science & Commerce College,  
Chikhaldara  
Distt.: Amravati (M. S.)

  
Dr. R.S. Jaipurkar  
Principal  
**PRINCIPAL**  
Art, Science & Commerce  
College, Chikhaldara



**Sipna Shikshan Prasarak Mandal, Amravati's**  
**ARTS, SCIENCE AND COMMERCE, COLLEGE**  
**CHIKHALDARA, DISTT. AMRAVATI (Maharashtra State)**



**SUPPORTING DOCUMENTS**

**Sipna Shikshan Prasarak Mandal, Amravati's**

# **ARTS, SCIENCE AND COMMERCE COLLEGE**

**CHIKHALDARA, DISTT. AMRAVATI (Maharashtra State)**

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# **Tour Reports of Arts Faculty**

Sipna Shikshan Prasark Mandal's, Amravati  
Arts, Science & Commerce College, Chikhaldara, Dist. Amravati.

**Department of Hindi**

**Tour Report**

**Name of Department** : Hindi **Academic Year** : 2021-22

**Title of program conducted** : One day Tour

**Date of program** : 09/4/2022

**Objectives of program** :

1. To make students have close communion with the Nature.
2. To show them the relevance of literature with the Nature.
3. To make students understand the significance of Nature.
4. To promote students to protect and preserve the Nature.

**Participants** : 42

**Brief summary of the program:**

As per the syllabus of B. A Part 1, students have to go on a one-day educational tour. As literature and nature are related to each other with a bond, an educational tour for the students was organized to Aamzari village by the Hindi Department. It is a village situated at 9 Kilometers from Chikhaldara and blessed with fabulous natural beauty and rich forest. In which 42 students participated. There they visited the forest tourism complex. The students enjoyed the beautiful scenery. Along with Dr. S. N. Jagtap and Dr. A. R. Bakshi.

  
**Dr. S.N. Jagtap (HOD)**  
Asst. Professor (Hindi)  
Art's, Science & Commerce  
College, Chikhaldar



  
**PRINCIPAL**  
Art, Science & Commerce  
College, Chikhaldara

## Visit of Students to the Tourism Complex of Forest.



## Students Enjoying the Nature





## ग्राम आमझरी यात्रा उपस्थिति पत्रक

अ.क्र.	छात्र का नाम	कक्षा	हस्ताक्षर
1]	Prakash P. Bhetkar	B.A. II	Bhetkar
2]	Aniket D. Belsare	B.A II	Aniket
3]	Dipak R. Belsare	— II —	Dipak
4)	Yuvraj S. Sawalkar	B.A. III	Sawalkar
5)	Anjun S. Bhalwarkar	— II —	Bhalwarkar
6)	Prasanna D. Belsare	— II —	Belsare
7]	Jayanya M. Bhusum	— II —	Bhusum
8)	Satish D. Akhande	— II —	Akhande
9)	Shivkumar T. Bhalwarkar	B.A II	Shivkumar
10)	Amkush S. Dhurve	— II —	Dhurve
11)	Shishikumar Kasdekar	B.A. III	Kasdekar
12)	Indrajit Y. Kale	B.A. II	Kale
13)	Dinesh Bhanu Bhetkar	B.A II	Dinesh
14)	Ku. Neha J. Shambekar	B.A. III	Shambekar
15)	Ku. Shobhalta G. Bhatbhujre	B.A III	Shobhalta
16)	Ku Nisha S. Bhalwarkar	B.A III	Nisha
17)	Santnu M. Akhande	B.A. III	Santnu
18)	Satish D. Akhande	— II —	Satish
17)	Akshaykumar H, Jambekar	— II —	Jambekar
18)	Sanjay Akhande	— II —	Sanjay
19)	Rohini P. Patil	= II =	Rohini
20)	Jyoti N. Khadke	= II =	Khadke
21)	Gita R. Yevle	= II =	Gita

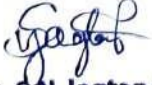
  
**Dr. S.N. Jagtap (HOD)**  
 Asst. Professor (Hindi)  
 Art's, Science & Commerce  
 College, Chikhaldara



M.L.  
 PRINCIPAL  
 Art, Science & Commerce  
 College, Chikhaldara

ग्राम आमझरी यात्रा उपस्थिति पत्रक

अ.क्र.	छात्र का नाम	कक्षा	हस्ताक्षर
22)	Shubhangi S. Khadke	B.A. III	<u>Shubhamig</u>
23)	Shushma Khadke	—	<u>Shushma</u>
24)	Yogesh N. Yevle	—	<u>Yogesh</u>
25)	Yogesh M. Hekde	—	<u>Hekde</u>
26)	Ashwini S. Pahlavkar	B.A. I I	<u>Ashilavkar</u>
27)	Durga J. Bhetekar	B.A. I I	<u>Bhetekar</u>
28)	Mahisha B. Belsare	B.A. I I	<u>Mahisha</u>
29)	Savitri S. Dhikar	B.A. I I	<u>Dhikar</u>
30)	Anurad Zambekar	B.A. I I	<u>Anurad</u>
31)	Vilas H. Bhaske	B.A. I I I	<u>Vilas</u>
32)	Shivshankar M. Chaturvedi	—	<u>Shivshankar</u>
33)	Ajunt J. Dassimbe	—	<u>Ajunt</u>
34)	Ajay d. Chawhan	—	<u>Achawhan</u>
35)	Nilhil S. Dhurve	—	<u>Nilhil</u>
36)	Yogesh M. Hekde	—	<u>YHekde</u>
37)	Ashaykumar H. Jambekar	—	<u>Hambekar</u>
38)	Ritesh R. Jambekar	—	<u>RJambekar</u>
39)	Umesh S. Jambekar	—	<u>UJambekar</u>
40)	Ajay B. Jamunekar	—	<u>AJamunekar</u>
41)	Ashish P. Kasdekar	—	<u>Ashish</u>
42)	Shaktishi K. Chawhan	—	<u>Shaktishi</u>

  
**Dr. S.N. Jagtap (HOD)**  
 Asst. Professor (Hindi)  
 Art's, Science & Commerce  
 College, Chikhaldar



  
**PRINCIPAL**  
 Art, Science & Commerce  
 College, Chikhaldar

# **Tour Reports of Science Faculty**

**Arts, Science & Commerce College, Chikhaldara**  
**Department of Chemistry**  
**Tour Report**  
**Academic Year- 2021-22**

**Date / period:** 26<sup>th</sup> May 2022  
**Venue:** Primary Health Center, Chikhaldara  
**Objectives:** To provide students an insight regarding internal working of Hospitals.


**Brief Report:** We know, theoretical knowledge is not enough for making a good professional career. With an aim to go beyond academics, industrial visit provides student a practical perspective on the world of work. A visit to Primary Health Center, Chikhaldara was arranged for the students of 6<sup>th</sup> Semester B. Sc of Chemistry department of college on 26<sup>th</sup> May, 2022. A batch of 27 students along with a faculty member had visited the hospital.

The details are mentioned below:

26<sup>th</sup> May, 2022, the visit started at 10.00 am from College. We reached there around 10.30 am. At the reception, we were welcomed by the team members of Primary Health Center. A group of 6 students was made and then a visit to the different departments of the hospital like OPD, pathology lab, X ray room, operation theatres, emergency services etc. was arranged. A detailed explanation regarding each department was given during the visit. This was followed by a detailed presentation about the role of hospital pharmacy in hospital, drug distribution systems, etc. In the end, we visited the pathology lab, where we had to chance to check the haemoglobin. Staff performed the practical of how to check haemoglobin and blood group. We also saw the special precautions for storage of drugs. Overall, the visit was very informative and enjoyable. We came to know regarding the role of Hospital Pharmacist in the overall health management.

Dr. U.S. Wasnik Head of Department of Chemistry, Mr. R.H. Panurkar and students of chemistry were present.

**Number of beneficiaries** : 27

  
**DR. U. S. WASNIK**  
Asst. Professor & h.O.D. (Chemistry)  
Arts Science & Comm. College  
Chikhaldara



  
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Art, Science & Commerce  
College, Chikhaldara



Latitude: 21.4022  
Longitude: 77.326967  
Elevation: 1089.33±6 m  
Accuracy: 26.6 m  
Time: 26-05-2022 10:58  
Note: Educational tour

Powered by NoteCam



Latitude: 21.402528  
Longitude: 77.326924  
Elevation: 1089.33±11 m  
Accuracy: 24.9 m  
Time: 26-05-2022 11:09  
Note: Educational tour

Powered by NoteCam

**Tour organized by Department of Chemistry**  
**Date-13 May 2022**  
**Class B.Sc. Final Sem. VI**  
**Place- PHC Chikhaldara**



**Tour organized by Department of Chemistry  
Date-13 May 2022  
Class B.Sc. Final Sem. VI  
Place- PHC Chikhaldara**

**Sipna Shikshan Prasarak Mandal's Amaravati  
Arts, Science and Commerce College, Chikhaldara**

**Academic Session- 2021-22**

**B.Sc. III ( Sem VI )**

**Department of Chemistry**

**Tour/ Field Visit**

**Attendance of students**

<b>Sr. No</b>	<b>Name of Student</b>
1	Ku. Nandinee Nagendra Dehale
2	Ku. Pragati Nilkamal Athole
3	Ku. Kanchan Arun Gore
4	Ku. Urmila Baldev Kale
5	Ku. Anita Rajana Baraskar
6	Ku Suvarna Ramakant. Surpatane
7	Ku. Manisha Mahadev Selukar
8	Kunal Sanjay Choudhari
9	Tomendra Jagdish Semalkar
10	Gaurav Sanu Kasdekar
11	Ku. Soniya Bansilal Kasdekar
12	Ku. Hansani Shankar Deshmukh
13	Ku. Vidhi Linesh Dongare
14	Ku. Renuka Moreshwar Kawade
15	Ku. Kamakshi Rajkumar Wanjari
16	Pawan Shyamkumar Agrawal
17	Lavkesh Ramrao Kasture
18	Danish Rahmatkhan Khan
19	Sagar Gajanan Gayan
20	Akshay Balakdas Gajbe
21	Rohit Harish Chavhan
22	Pritesh Dinesh Minj
23	Shashank Manoj Sharma
24	Roshan Murlidhan Bahurupi
25	Kavish Dattatray Chikhalkar
26	Pranav Pramod Bonde
27	Ku. Sanjana Raju Jog

**DEPARTMENT OF GEOLOGY**  
**FIELD TRIP REPORT 2021-2022**

Tour In-Charge	:	Dr. R. S. Mankar
Associate Teacher	:	Shri. Shubham Tippat
Escort	:	Shri. Ravindra Yewale
Participants	:	19 (05 Girls and 14 Boys)
Date	:	24/05/2022
Place	:	Chikhaldara and surrounding areas
Schedule:		
Start from Chikhaldara	:	11 am
Reach at First Location	:	12.15pm
Field along Chikhaldara road	:	1pm to 4.45pm
Breakfast at Chikhaldara	:	4.00 pm to 4.30 pm
End at chikhaldara	:	4.30 pm


The department of Geology was carried out field work for B.Sc. II Sem. IV and B.Sc. III Sem. VI students as part of their curriculum for the session 2021-2022 at Chikhaldara and surrounding areas on 24/05/2022. Total 19 students were present during the field work. Geological this area is very important for the field work because it shows very good exposures of Igneous rock along with well preservation of erosional structures. The following activities were carried out during field work;

- i) Introduction/Idea of area
- ii) Identification of rocks and its types, beds, flow contacts etc.
- iii) Identification of topography and topographical features.
- iv) Measurement of dip and strike.
- v) Identification of geological structures present on rock/beds
- vi) Preparation of Lithologs.
- vii) Collection of rock samples.
- viii) Identification of river, river confluence and direction of river flow.
- ix) Identification of rain water harvesting structures.
- x) Preparation of field diary.

The field work was successfully completed. The collected samples along with field diary and field report were also submitted by the student. The same is kept in the department.

MYL  
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(R. S. Mankar)  
Tour In charge





**Students of Geology at field work**



**Collection of Rock sample**

**Sipna Shikshan Prasarak Mandal's Amaravati  
Arts, Science and Commerce College, Chikhaldara  
Academic Session- 2021-22  
B.Sc. II & III ( Sem IV &VI )  
Department of Geology  
Tour/ Field Visit  
Attendance of students**

<b>Sr. No</b>	<b>Name of Student</b>
1	Yogesh Chawande
2	Pritesh Uike
3	Ku. Seeta Patre
4	Harshal Nandeshwar
5	Sahil Shah
6	Ku. Tanzila Firdous
7	Nawab Mohammad Kaif
8	Aayush Nawle
9	Tejus Fatkar
10	Prathmesh Fatkar
11	Kavish Dattatray Chikhalkar
12	Pranav Pramod Bonde
13	Danish Rahmatkhan Khan
14	Ku. Kamakshi Rajkumar Wanjari
15	Roshan Bahurupi
16	Ku. Hansani Shankar Deshmukh
17	Ku. Renuka Moreshwar Kawade
18	Pranay Mate
19	Sohel Shah
20	Sandip Metkar

## REPORT ON FIELD VISIT

Title: "Visit to Study Aquatic Ecosystem at Bir Talav, Marlumpur, Chikhaldara".  
Department: Department of Environmental Science.  
Class: BSc. I Semester II  
Date : 4 May 2022  
No. of student Present : 08

### Objectives:

- To know biotic and abiotic components of aquatic Ecosystem.
- To study food chain and food web of the system.
- In situ measurement degree of non living factors of system.

### Brief Information:


Department of Environmental Science organized field visit of students of BSc. I Semester II to study Aquatic Ecosystem at Bir Talav, Mariumpur, Chikhaldara". Followig field observations were noted during study-

1. Color and degree of turbidity of water.
2. Light penetration in water.
3. Temperature of water
4. Sampling of planktons.
5. Observations of macro organisms in water
6. Observations of different consumers out of water.

Collected planktons by plankton net in to sampling bottle as well as water sample for its physicochemical parameters like; ph conductivity, DO, CO<sub>2</sub> and Primary productivity of the Talav.

### Acknowledgement:

First of all, I am very thankful to Principal, Dr. R.S. Jaipurkar, for permission of this visit.

  
Dr Vijay Mangle





## REPORT ON FIELD VISIT

Title: Visit to Study drinking Water treatment Plant at Devi Point , Chikhaldara".  
Department: Department of Environmental Science.  
Class: BSc. II Semester IV  
Date : 7 May 2022  
No. of student Present : 07

### Objectives:

- To know water treatment unit processes.
- To understand sequence of treatment processes.
- To observe layout of treatment processes.

### Brief Information:

Department of Environmental Science organized field visit of students of BSc. II Semester IV to drinking Water treatment Plant at Devi Point , Chikhaldara". This is the one of the Water treatment plant operated by Maharashtra Environment Engineering Department. It is constructed downside of Shakkar Talav, provides intake water to the plant. The water enter to Plant by gravity and the unit processes in the plant are-

1. Aeration- Exchange of gases.
2. Coagulation- to remove suspended particulate impurities.
3. Sedimentation tank-1.: Settling of flocs along with impurities.
4. Slow Sand filter- To trap remaining particulate impurities.
5. Disinfection: Providing dose of bleaching powder to kill pathogens.
6. Clear Water Sump: Water is ready to pump overhead tank for supply by gravity.

### Acknowledgement:

First of all, I am very thankful to Principal, Dr. R.S. Jaipurkar, for permission of this visit.



  
Dr Vijay Mangle



Arts, Science and Commerce College, Chikhaldara

Department of Environmental science

B.Sc. II Sem -4 List of Students

Field Visit 07 May 2022

Sr. No	Name of Student
1	BhusumSachinThunia
2.	Ku. Kale Roshani Dayaram
3.	Ku. Roundalkar Priyanka Purushottam
4.	Ku. Sawalkar Priyanka Suryabhan
5.	Ku. Mohod Annie Philip
6.	Gahare Bhushan Rajesh
7.	SiddheshBahale


Arts, Science and Commerce College, Chikhaldara

Department of Environmental science

B.Sc. I Sem-II, List of Students

Field Visit 04 May 2022

Sr. No	Name of Student
1	Ku. Dhande Sangita Santulal
2.	Ahmad RehanAkil
3.	Mawaskar Roshan Rawji
4.	Ku. KasdekarManjusha Kalu
5.	Ayman KashafJaved Iqbal Khan
6.	DarsimbeKamalsingBaliram
7.	Ku. Darsimbe Ashwini Darasing
8.	Ku. Dhande Sangita Santulal

  
Dr. V.S. Mangle



  
PRINCIPAL  
Art, Science & Commerce  
College, Chikhaldara



**Dept. of Environmental Science**

**Visit to Vairat ,Gugamal Wildlife Division ,  
Chikhaldara**

**Date of Visit:** 12<sup>th</sup> May 2022

**Objectives:** To observe the Protected Areas wildlife habitat of Vairat , ChikhaldaraRange.To study the wildlife habitats in protected areas. To get the field knowledge from wildlife experts / frontline staff.

**Number of participants/ beneficiary :** 15 students ( B. Sc. III (Semester VI)

**Brief report : (Context):**

The syllabus for semester VI Environmental Science , the title is Environmental Conservation &Management, the practical and theory course includes biodiversity study , methods of insitu conservation , exsitu conservation , wildlife management practices. With reference to this the Department of Environmental Science , Arts , Science &Commerce College Chikhaldara organized the educational field visit to vairat round of chikhaldara range , Gugamal Wildlife Division , Melghat Tiger Reserve on 12<sup>th</sup> May 2022.

Time of visit – 6.00 am to 10 .0 am

Studentsparticipation: 15

Lecturer / tour in charge – Prof. G. D. Muratkar( Head Dept. of Environmental Science)

Field Observations :

- Grasslands Ecosystem : taller grassland , course grasses

- Forest ecosystem : Tropical Dry Deciduous Forest with teak dominated area.
- Average rainfall 1400 mm
- Humidity : 70%
- Maximum temperature : 38 degree celcius.
- Minimum temperature : 08 degree celcius.
- Soil – red , murmi , acidic.
- Wildlife Habitat \_ Grazing and browsing habitat.
- Wildlife observations : Barkling Deers , Sambar , Peacock , Fox , birds.
- Wildlife conservation Practices : Anti poaching camp – chatibulda , vairat , machang for wildlife movements observations, firelines for protection from fires , wireless station.
- Waterholes for wildlife.
- Water saucers for wildlife. Salt lakes for wildlife.

Melghat forests with an area of 1950 Sq. kn. divided in two parts East and West Melghat forest. The type of forest as per Chmpions and Seths classification is Tropical Dry Deciduous with dominancy of *teak ( Tectonagrandis L. )*. The soil is murmi , red, with low water holding capacity and acidic. Temperature , rainfall , humidity wind speed exhibit more diversity.

The rainfall varies from 1100 to 1600 mm per year , temperature range varies from 6.5 to 38 degree Celcius.

The forest ecosystem comprises two components:

- 1) **Abiotic** : Soil , water , light , temperature , Chemicals.
- 2) **Biotics**: Plants ( Herbs , Shrubs , Trees and climbers ) , Herbivores , omnivores , carnivores , top carnivores and decomposers.



Latitude: 21.408795  
Longitude: 77.284321  
Elevation: 1058.81±12 m  
Accuracy: 24.6 m  
Time: 12-05-2022 06:39  
Note: vairat visit



Latitude: 21.384015  
Longitude: 77.25243  
Altitude: 1070.88±24 m  
Accuracy: 8.5 m  
Time: 12-05-2022 08:29  
Note: vairat visit

Sipna Shikshan Prasarak Mandals Amaravati  
Arts, Science and Commerce College, Chikhaldara

Academic Session- 2021-22

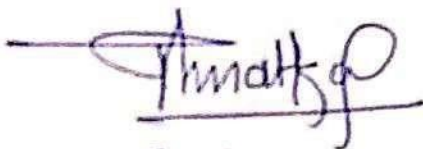
B.Sc. III ( Sem VI )

Department of Environmental Science

Tour/ Field Visit

Attendance of students

Sr. No	Name of Student
1	Ku. Nandinee Nagendra Dehale
2	Ku. Pragati Nilkamal Athole
3	Ku. Kanchan Arun Gore
4	Ku. Urmila Baldev Kale
5	Ku. Anita Rajana Baraskar
6	Ku Suvama Ramakant. Surpatane
7	Ku. Manisha Mahadev Selukar
8	Kunal Sanjay Choudhari
9	Tomendra Jagdish Semalkar
10	Gaurav Sanu Kasdekar
11	Akshay Balakdas Gajbe
12	Rohit Harish Chavhan
13	Pritesh Dinesh Minj
14	Ku. Sanjana Raju Jog
15	Ku. Revati A. Khuje



Incharge Teacher

Prof. S. S. Murattkar

Dept. of Environmental  
Science

M.L.  
PRINCIPAL  
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College, Chikhaldara



# **Tour Reports of Commerce Faculty**

**Arts, Science and Commerce College, Chikhaldara**  
**Report of the “Field Visit ”**  
**Academic Year :- 2021-22**

**Title of the Activity :-** Field Visit

**Date /Period :-** 09/05/2022

**Objectives :-**

- To provide students knowledge and experience of the working of the industries.
- To make students aware about the manufacturing process and various products

**Brief Report :-**

Students of commerce department visited the shivsfurti processing foundation On dated 09<sup>th</sup> May 2022. There the students were given information by the manager of the industry Mr. Bhalerao about the products manufactured in the plant like khawa from milk, laddus and jam from mahua, honey and other products. He demonstrated the manufacturing process and provided useful information about the products to the students. Students observed the plant of the industry and asked their queries and they were satisfied with the answers given by the manager. Overall the field visit was fruitful and the visit enhanced the experience of students about the working of the industries.

**No. of Participants / Beneficiaries :- 25**

**Geo Tagged Photographs :-**







Sipna Shikshan Prasarak Mandal's Amravati  
ARTS, SCIENCE & COMMERCE COLLEGE, CHIKHALDARA

Unit Test / Common Test  
Attendance & Marksheet Sheet

Class :

Sub. :

Paper :

SESSION 2021 - 2022

Date : 09/05/2022

Total Marks

Field Visit at Shivsurti Processing Foundation, Shivajinagar, Shivajinagar

Name of Student	Marks Obtained	Signature
Samiksha F. Kale	B. com I	Kale
Tashoda K. Chassimbe	B. Com I	Tashoda
Divyani J. Kawade	B. com I	Kawade
Gaura B. Kawade	B. Com I	Kawade
Ragini H. Jamunkar	B. COM I	Ragini
Anika S. ZAMARKAR	B. COM I	Anika
Rashani J. Dahikar	B. COM III	Dahikar
Tava J. Kasdekar	B. Com III	Kasdekar
Ramati S. Daniker	B. COM I	Ramati
Ku. Chhaya S. Dhande	B. com III	Dhande
Kailash. P. Jambekar	B. com I	Jambekar
Yash ch. Belsare	B. com I	Belsare
Ashwin A. Akhande	B. com II	Akhande
Anil S. Kasdekar	B. com I	Kasdekar
Ku. Jyoti A. Jamurkar	B. com III	Jamurkar
Ku. Sankali C. Belsare	B. Com III	Belsare
Umesh R. Belsare	B. com I	Belsare
Vikarm m. Jamunkar	B. com I	Vikarm
Narayan N. Shaware	B. Com I	Narayan
savitri J. Akhande	B. com III	Savitri
Adarsh Jambekar	B. com II	Jambekar
vishal wakode	B. com II	V. Wakode
Ashish. Gawai	B. com I	Gawai
Surendre Zamastkar	B. com I	Zamastkar
Pankaj B. Belsare	B. com III	Belsare

Principal  
Art, Science & Commerce  
College, Chikhaldara

9/5/22



**Sipna Shikshan Prasarak Mandal's Amravati  
Arts, Science and Commerce College, Chikhaldara  
Bank Visit Report  
Department of Commerce  
Academic Year : 2021- 2022**

**Date of Visit :** 06/04/2022

**Objective of Visit :**

1. To create awareness and educate students on financial service banking
2. To provide self experience and observation to increase knowledge.

**Number of beneficiaries:** 23 Students

**Brief summary :**

Department of Commerce arranged a visit to Buldhana Urban Co-operative Credit Society Buldhana, Branch –Chikhaldara (a cooperative bank) on 06/04/2022 during 3.00 to 4.30 pm. 23 students of commerce department participated in this bank visit. Bank Manager Mr. Prashant More and their staff Mr. Harshad Dhakulkar, Mr. Subodh Nipane and Mr. Prajat Gulhane gave a warm welcome to students. The session was conducted Mr. Harshad Dhakulkar, who gave a brief introduction on banking. He said banking is just not only depositing cash or withdrawing money but a vast and wide field, Excellent guidance provided by him on various banking transaction like Loan, Demand Draft, NEFT, RTGS, Mobile banking and how to open account in bank. Students were also informed about using various online digital banking platforms. There are boards attached on each wall which give basic information regarding the working of bank.

Students had a great experience here bank. They were able to understand , apply, analyze and evaluate their knowledge on banking. Students learnt many new and different things about the functioning of the banks. At last prof. A.R.Kanhu presented vote of thanks.

*V.M. Dey*  
V.M. Dey



ML  
PRINCIPAL  
Art, Science & Commerce  
College, Chikhaldara

Bank Visit



Arts, Science and Commerce College, Chikhaldara

Department of Commerce

Session : - 2021- 2022

Programme : - Bank Visit on Dated 06/04/2022

Place : - Buldana Urban Co-operative Society Limited,

Branch - Chikhaldara

Students Attendance Sheet

Sr. No.	Name of Students	Class	Signature
1)	Chhaya S. Ohande	B. Com III	Chhaya
2)	Rashmi J. Dahikar	B. Com III	Rashmi
3)	Jaya J. Kasdekar	B. Com III	Kasdekar
4)	Kui Savitri J. Akhande	B. Com, III	Savitri
5)	Anita S. Zamikar	B. Com I	Anita
6)	Divyani J. Kawade	B. Com I	Kawade
7)	Jashoda K. Darsimbe	B. Com I	Jashoda
8)	Ramati S. Dhikar	B. Com I	Ramati
9)	Samiksha E. Kale	B. Com I	Kale
10)	Gruha Bijju Kawade	B. Com I	Gruha
11)	Jyoti A. Jarnikere	B. Com III	Jyoti
12)	Ashwin S. Akhande	B. Com II	Akhande
13)	Abhishek M. Darsimbe	B. Com I	Abhishek
14)	Rakesh O. Mawaskar	B. Com I	Rakesh
15)	Ankit S. Kasdekar	B. Com I	Ankit
16)	Kailash P. Jambekar	B. Com I	Jambekar
17)	Umesh R. Belgare	B. Com I	Belgare
18)	Adarsh K. Tambekar	B. Com II	Tambekar
19)	Jayashree Ch. Kumbhar	B. Com I	Jayashree
20)	Nikhil R. Gawai	B. Com III	Gawai
21)	Subham S. Raurale	B. Com III	Raurale
22)	KAJAL N. PATIL	B. Com-I	Kajal
23)	Aboli G. Yewle	B. Com-I	Aboli

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Branch Manager  
Buldana Urban Co-op. Credit Society  
Ltd. Buldana (Multistate) R.No 267  
Chikhaldara Tq. Chikhaldara Dist. Amravati

# **Project List of B.Sc. Students**

Sant Gadge Baba Amravati University, Amravati  
Center- Arts, Science, and Commerce College Chikhaldara (163)

2021-2022 (S)

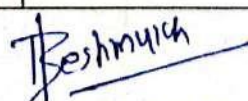
B.Sc. (Part -II)

Project Assignment

Semester IV

Subject:- Petrochemical Science

Sr. No	Name of the Student	Project Topic
01	Pritesh Shalikram Uike	Benzene and Its Derivatives
02	Ku. Tanzila Firdos Syeed Nisar	Ethylene and Its Derivatives
03	Aayush Dhanraj Nawale	Ethylene Market
04	Nababa Nawab Mohammad Kaif	Production Of Aniline
05	Prathamesh Pramod Fatkar	Advance olefin
06	Harshal Jagdish Nanadeshwar	Propylene and its Derivatvres
07	Abhay Parshuram Shedame	Manufacture of Phenol
08	Tejas Sureshrao Fatkar	Production of Benzene
09	Yogesh Gajanan Chwande	Advanced technique for production of ethylene
10	Sahil Ibbadulla Shah	Production of Ethylene Glycol
11	Ku. Seeta Suryakant Patre	Manufacture of Vinyl chloride monomer
12	Ayush Niranjan Ingale	Production Phenol
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21		

  
B. S. Deshmukh

Asst. Professor (Petrochemical Science)  
Arts, Science & Commerce College, Chikhaldara



  
PRINCIPAL  
Art, Science & Commerce  
College, Chikhaldara

Sant Gadge Baba Amravati University, Amravati  
Center- Arts, Science, and Commerce College Chikhaldara (163)

2021-2022 (S)

B.Sc. (Part -II)

Project Assignment

Semester IV

Subject:- Petrochemical Science

Sr. No	Name of the Student	Submitted on	Signature
01	Pritesh Shalikram Uike	30 Apr. 2022	
02	Ku. Tanzila Firdos Syeed Nisar	30 Apr. 2022	
03	Aayush Dhanraj Nawale	30 Apr. 2022	
04	Nababa Nawab Mohammad Kaif	30 Apr. 2022	
05	Prathamesh Pramod Fatkar	30 Apr. 2022	
06	Harshal Jagdish Nanadeshwar	30 Apr. 2022	
07	Abhay Parshuram Shedame	30 Apr. 2022	
08	Tejas Sureshrao Fatkar	30 Apr. 2022	
09	Yogesh Gajanan Chwande	30 Apr. 2022	
10	Sahil Ibbadulla Shah	30 Apr. 2022	
11	Ku. Seeta Suryakant Patre	30 Apr. 2022	
12	Ayush Niranjana Ingale	30 Apr. 2022	
13		30 Apr. 2022	
14		30 Apr. 2022	
15		30 Apr. 2022	
16		30 Apr. 2022	
17		30 Apr. 2022	
18		30 Apr. 2022	
19		30 Apr. 2022	
20		30 Apr. 2022	
21		30 Apr. 2022	

B. S. Deshmukh

Asst. Professor (Petrochemical Science)  
Arts, Science & Commerce College, Chikhaldara



PRINCIPAL  
Art, Science & Commerce  
College, Chikhaldara

▪ President  
**Shri. Jagdish M. Gupta**  
(Ex. Minister of State, Maharashtra)  
0721 (O)2522341 (R) 2572526



SIPNA SHIKSHAN PRASARAK MANDAL'S AMRAVATI  
**ARTS, SCIENCE &  
COMMERCE COLLEGE, CHIKHALDARA**

▪ Principal  
**Dr. Rajesh S. Jaipurkar**  
(Mob.) 9423126066

Distt. Amravati (Maharashtra) 444 807  
NAAC Reaccredited 3rd Cycle with CGPA 2.77 at grade B++ (2018-2023)

▪ E-mail : [ascc163@sgbau.ac.in](mailto:ascc163@sgbau.ac.in) ▪ Website : [www.slpnaascc.ac.in](http://www.slpnaascc.ac.in) ▪ Tel. (O) 07220-230300

Outward No :

Date : .....

**Department of Petrochemical Science**

**Academic Year 2021-2022**

**B. Sc. Part II (Semester IV)**

**Project Completion Certificate**

In the academic year 2021-22, as per the curriculum defined by Sant Gadge Baba Amravati University, Amravati, projects are allotted to students of B. Sc. Part II (Semester IV). The students have successfully completed the assigned projects.

The concerned faculty guided the students.

Head

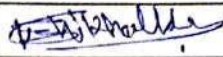

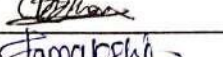
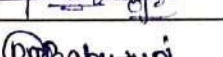
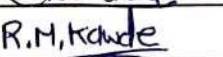
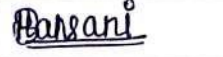
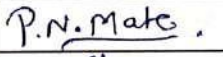
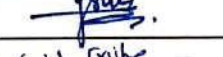
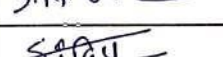
Department of Petrochemical Science



Principal

PRINCIPAL  
Art, Science & Commerce  
College, Chikhaldara

Gadge Baba Amravati University, Amravati  
Center- Arts, Science, and Commerce College Chikhaldara (163)  
2021-2022 (S)  
B.Sc. (Part -III)  
Project Assignment  
Semester VI  
Subject:- Petrochemical Science

Sr. No	Name of the Student	Submitted on	Signature
01	Kavish D. Chikhalkar	30 Apr. 2022	
02	Pranav P. Bonde	30 Apr. 2022	
03	Danish R. Khan	30 Apr. 2022	
04	Ku. Kamakshi R. Wanjari	30 Apr. 2022	
05	Roshan M. Bahurupi	30 Apr. 2022	
06	Ku. Renuka M. Kawade	30 Apr. 2022	R.M. Kawade
07	Ku. Hansani S. Deshmukh	30 Apr. 2022	
08	Pranay N. Mate	30 Apr. 2022	P.N. Mate
09	Sohel Hanif Shah	30 Apr. 2022	
10	Shrikant N. Gajbe	30 Apr. 2022	S.N. Gajbe
11	Sandip A. Metkar	30 Apr. 2022	
12	Abhijeet P. Jaolikar	30 Apr. 2022	
13		30 Apr. 2022	
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B S Deshmukh  
Asst. Professor (Petrochemical Science)  
Arts, Science & Commerce College, Chikhaldara



  
PRINCIPAL  
Art, Science & Commerce  
College, Chikhaldara



Sant Gadge Baba Amravati University, Amravati  
Center- Arts, Science, and Commerce College Chikhaldara (163)  
2021-2022 (S)  
B.Sc. (Part -III)  
Project Assignment  
Semester VI  
Subject:- Petrochemical Science

Sr. No	Name of the Student	Project Topic
01	Kavish D. Chikhalkar	Polymerization catalyst
02	Pranav P. Bonde	Chromatographic Technique and their uses
03	Danish R. Khan	Advanced Synthetic Fuel
04	Ku. Kamakshi R. Wanjari	Future of Petrochemical
05	Roshan M. Bahurupi	Air Pollution in Petrochemical industries
06	Ku. Renuka M. Kawade	Focus on future of Petrochemical
07	Ku. Hansani S. Deshmukh	Catalyst used in petroleum refining
08	Pranay N. Mate	Energy crises in India
09	Sohel Hanif Shah	Air quality of petroleum refining and petrochemical industries
10	Shrikant N. Gajbe	Concept of chemical refineries
11	Sandip A. Metkar	Focus on petrochemical industries
12	Abhijeet P. Jaollikar	Types of pollution
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*B. S. Deshmukh*

B. S. Deshmukh  
Asst. Professor (Petrochemical Science)  
Arts, Science & Commerce College, Chikhaldara



*ML*  
PRINCIPAL  
Arts, Science & Commerce  
College, Chikhaldara

▪ President

(Ex. Minister of State, Maharashtra)  
0721 (O)2522341 (R) 2572526

▪ Principal

(Mob.) 9423126066



SIPNA SHIKSHAN PRASARAK MANDAL'S AMRAVATI

**ARTS, SCIENCE &**

**COMMERCE COLLEGE, CHIKHALDARA**

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NAAC Reaccredited 3rd Cycle with CGPA 2.77 at grade B++ (2018-2023)

E-mail : [ascc163@sgbau.ac.in](mailto:ascc163@sgbau.ac.in)

Website : [www.sipnaascc.ac.in](http://www.sipnaascc.ac.in)

Tel. (O) 07220-230309

Outward No :

Date : .....

**Department of Petrochemical Science**

**Academic Year 2021-2022**

**B. Sc. Part III (Semester VI)**

**Project Completion Certificate**

In the academic year 2021-22, as per the curriculum defined by Sant Gadge Baba Amravati University, Amravati, projects are allotted to students of B. Sc. Part III (Semester VI). The students have successfully completed the assigned projects.

The concerned faculty guided the students.

*T. Beshmyu*  
Head

Department of Petrochemical Science



*ML*

Principal  
**PRINCIPAL**  
Art, Science & Commerce  
College, Chikhaldara

Arts, Science & Commerce College, Chikhaldara Dist. Amravati

Academic Session (2021-2022)

Department of Computer Science

B.Sc. Part-II Semester-IV

List of projects

S. No.	Name of Student	Project Title	Signature
1.	Harshal Jagdish Nandeshwar	Face detection	Harshal
2.	Sahil Ibbadulla Shah	Search engine	Sahil
3.	Prathamesh Pramod Fatkar	Google drive	Prathamesh
4.	Tejas Sureshrao Fatkar	G-Map	Tejasfatkar
5.	Ayush Niranjana Ingale	E-payment	Ayush
6.	Yogesh Gajanan Chawande	Online banking	Yogesh
7.	Abhay Parshuram Shedame	Cloud computing	Hitesh Madika
8.	Hitesh Avinash Mardikar	Web blogs	Ashedme
9.	Abhishek Shriprabhu Nage	Database viewer	Hitesh
10.	Kshitij Ravindra Bajpayee	Mobile Wallet	ADage
11.	Yogesh Prashant Burunge	Visual monitoring	Burunge
12.	Ku. Pranali Ganesh Akhande	Wi-fi	Pranali
13.	Abhijit Bhola Uike	E-Ration Shop	Uike
14.	Sushil Sanjay Jog	Remote Access	Sushil
15.	Babulal Sabulal Kasdekar	Character recognition	Babulal
16.	Ku. Sonali Sevakram Mawaskar	e-travel booking	Sonali
17.	Ku. Akshada Niranjana Ingale	Digital signature	Akshada
18.	Ku. Vidya Mohan Selekar	E-authentication system	Shikani
19.	Shrikant Ganaji Kale	Sentiment analysis	Shrikant
20.	Nikhil Ashok Jawarkar	Cryptography	Nikhil
21.	Ritik Santosh Mahore	Morphology	Ashok
22.	Atharva Suresh Kharode	Biometric system	Atharva Kharode
23.	Ku. Priyanka Tilakram Baraskar	Signal processing	Baraskar



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PRINCIPAL (I/C)  
Art, Science & Commerce  
College, Chikhaldara

President  
**Shri. Jagdish M. Gupta**  
(Ex. Minister of State, Maharashtra)  
0721 (O)2522341 (R) 2572526



SIPNA SHIKSHAN PRASARAK MANDAL'S AMRAVATI  
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COMMERCE COLLEGE, CHIKHALDARA**

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Outward No :

Date : .....

**Department of Computer Science**

**Academic Year 2021-2022**

**B. Sc. Part II (Semester IV)**

**Project Completion Certificate**

In the academic year 2021-22, as per the curriculum defined by Sant Gadge Baba Amravati University, Amravati, projects are allotted to students of B. Sc. Part II (Semester IV). The students have successfully completed the assigned projects.

The concerned faculty guided the students.

Head

Department of Computer Science



Principal

**PRINCIPAL**

Art, Science & Commerce  
College, Chikhaldara

Arts, Science and Commerce College, Chikhaldara

B. Sc. II Semester - IV (2021-22)

Project Assignment

Algebra

Sr. No.	Name of the Students	Title of project Assignment	Date of Submission	Marks obtained	Signature of students
1	Nage Ahisheik	Definition of Group and its properties	18/5/22	04	Abhishek
2	Ku Akhande Pranali G	-----,,-----	18/5/22	04	D. Akhande
3	Ku Mawaskar Sonli S	-----,,-----	-11-	04	Sonli S
4	Jog Sushil Sanjay	-----,,-----	-11-	04	Sushil
5	Kasdekar Babulal S	Ring and its properties	-11-	04	Babulal
6	Ku Ingale Akshada N	-----,,-----	-11-	04	Akshada
7	Bhilavekar Shyam S	-----,,-----	-11-	04	Shyam
8	Jawarkar Nikhil Ashok	-----,,-----	-11-	04	Nikhil Jawarkar
9	Burange Yogesh P	Homomorphism and its examples	-11-	04	Yogesh
10	Ku Baraskar Prinka T	-----,,-----	-11-	04	Prinka
11	Bajpyee Shitij Ravindra	-----,,-----	-11-	04	K. Bajpyee
12	Bhumber Kartik Himatrao	-----,,-----	-11-	04	K. Bhuber
13	Gavande Pratik Sunilrao	Subrings and its examples	-11-	04	Pratik
14	Sawalkar Manish M	-----,,-----	-11-	04	Manish
15	Ku Belsare Ambika Chhotu	-----,,-----	-11-	04	Ambika
16	Nandane Pranit P	-----,,-----	-11-	04	Pranit
17	Kanase Sohan Pramod	Subgroups its theorem	-11-	04	Sohan
18	Kharode Atharva S	-----,,-----	-11-	04	Atharva
19	Mahore Ritik S	-----,,-----	-11-	04	Ritik
20	Mardikar Hitesh A	-----,,-----	-11-	04	Hitesh
21	Ku Shelekar Vidya M	Normal Subgroup	-11-	04	Vidya
22	Kale Shrikant G	-----,,-----	-11-	04	Shrikant

H. A. A.

V. R. Patil

V. R. Patil

▪ President  
**Shri. Jagdish M. Gupta**  
(Ex. Minister of State, Maharashtra)  
0721 (O) 2522341 (R) 2572526



SIPNA SHIKSHAN PRASARAK MANDAL'S AMRAVATI

**ARTS, SCIENCE &**

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Outward No :

Date : .....

**Department of Mathematics**

**Academic Year 2021-2022**

**B. Sc. Part II (Semester IV)**

**Project Completion Certificate**

In the academic year 2021-22, as per the curriculum defined by Sant Gadge Baba Amravati University, Amravati, projects are allotted to students of B. Sc. Part II (Semester IV). The students have successfully completed the assigned projects.

The concerned faculty guided the students.

Head

Department of Mathematics



Principal

**PRINCIPAL**

**Art, Science & Commerce  
College, Chikhaldara**

Arts, Science and Commerce College, Chikhaldara

B. Sc. II Semester - III (2021-22)

Project Assignment  
Elementary Number Theory

Sr. No.	Name of the Students	Title of project Assignment	Date of Submission	Marks obtained	Signature of students
1	Nage Ahisheik	Division Algorithm	16/12/2021	04	Abhishek
2	Ku Akhande Pranali G	-----,,-----	16/12/2021	04	Pranali Akhande
3	Ku Mawaskar Sonli S	-----,,-----	16/12/2021	04	Sonli S
4	Jog Sushil Sanjay	-----,,-----	16/12/2021	04	Sushil
5	Kasdekar Babulal S	G C D of more than two Integer and their properties	16/12/2021	04	Babulal S
6	Ku Ingale Akshada N	-----,,-----	16/12/2021	04	Akshada
7	Bhilavekar Shyam S	-----,,-----	16/12/2021	04	Shyam S
8	Jawarkar Nikhil Ashok	-----,,-----	16/12/2021	04	Nikhil Jawarkar
9	Burange Yogesh P	Linear Diophantine equation	16/12/2021	04	Yogesh
10	Ku Baraskar Prinka T	-----,,-----	16/12/2021	04	Prinka
11	Bajpyee Shitij Ravindra	-----,,-----	16/12/2021	04	Shitij
12	Bhumber Kartik Himatrao	-----,,-----	16/12/2021	04	Kartik Bhumber
13	Gavande Pratik Sunilrao	Congruence relation and its properties	16/12/2021	04	Pratik
14	Sawalkar Manish M	-----,,-----	16/12/2021	04	Manish
15	Ku Belsare Ambika Chhotu	-----,,-----	16/12/2021	04	Ambika
16	Nandane Pranit P	-----,,-----	16/12/2021	04	Pranit
17	Kanase Sohan Pramod	Primitive Roots Its example and theorem	16/12/2021	04	Sohan
18	Kharode Atharva S	-----,,-----	16/12/2021	04	Atharva
19	Mahore Ritik S	-----,,-----	16/12/2021	04	Ritik
20	Mardikar Hitesh A	-----,,-----	16/12/2021	04	Hitesh
21	Ku Shelekar Vidya M	Arithmetic Function	16/12/2021	04	Vidya
22	Kale Shrikant G	-----,,-----	16/12/2021	04	Shrikant

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*Handwritten signature*

V. P. Patil  
Asst. Professor & H.O.D. (Mathematics)  
Arts, Science & Commerce College,  
Chikhaldara

▪ President

**Shri. Jagdish M. Gupta**  
(Ex. Minister of State, Maharashtra)  
0721 (O)2522341 (R) 2572526



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**COMMERCE COLLEGE, CHIKHALDARA**

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Outward No :

Date : .....

**Department of Mathematics**

**Academic Year 2021-2022**

**B. Sc. Part II (Semester III)**

**Project Completion Certificate**

In the academic year 2021-22, as per the curriculum defined by Sant Gadge Baba Amravati University, Amravati, projects are allotted to students of B. Sc. Part II (Semester III). The students have successfully completed the assigned projects.

The concerned faculty guided the students.

Head

Department of Mathematics



Principal

PRINCIPAL  
Art, Science & Commerce  
College, Chikhaldara



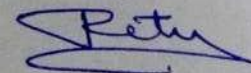
Arts, Science and Commerce College, Chikhaldara

B. Sc. II Semester - IV (2021-22)

Project Assignment

Paper-VIII : Classical Mechanics

Sr. No.	Name of the Students	Title of project Assignment	Date of Submission	Marks obtained	Signature of students
1	Nage Ahisheik	T, n, b Vectors and their properties	18/05/22	04	Abhishek
2	Ku Akhande Pranali G	-----,,-----	---11---	04	<del>Pranali</del>
3	Ku Mawaskar Sonli S	-----,,-----	---11---	04	<del>Sonli</del>
4	Jog Sushil Sanjay	Projectile Motion and examples	---11---	04	Sushil
5	Kasdekar Babulal S	-----,,-----	---11---	04	Babulal
6	Ku Ingale Akshada N	-----,,-----	---11---	04	Akshada
7	Bhilavekar Shyam S	-----,,-----	---11---	04	<del>Shyam</del>
8	Jawarkar Nikhil Ashok	Equation of motion theorem	---11---	04	Nikhil
9	Burange Yogesh P	-----,,-----	---11---	04	Yogesh
10	Ku Baraskar Prinka T	-----,,-----	---11---	04	<del>Prinka</del>
11	Bajpyee Shitij Ravindra	-----,,-----	---11---	04	<del>Shitij</del>
12	Bhumber Kartik Himatrao	D' Alembert's principle with proof	---11---	04	<del>Kartik</del>
13	Gavande Pratik Sunilrao	-----,,-----	---11---	04	Pratik
14	Sawalkar Manish M	-----,,-----	---11---	04	<del>Manish</del>
15	Ku Belsare Ambika Chhotu	Hamilton's principle	---11---	04	Ambika
16	Nandane Pranit P	-----,,-----	---11---	04	Pranit
17	Kanase Sohan Pramod	One body problem with an example	---11---	04	<del>Sohan</del>
18	Kharode Atharva S	-----,,-----	---11---	04	Atharva
19	Mahore Ritik S	-----,,-----	---11---	04	Ritik
20	Mardikar Hitesh A	Euler's theorem	---11---	04	Hitesh
21	Ku Shelekar Vidya M	-----,,-----	---11---	04	<del>Vidya</del>
22	Kale Shrikant G	Virial Theorem with example	---11---	04	Shrikant



V. R. Patil

...st. Professor & H.O.D. (Mathematics),  
Arts, Science & Commerce College,  
Chikhaldara

President

**Shri. Jagdish M. Gupta**

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SIPNA SHIKSHAN PRASARAK MANDAL'S AMRAVATI

**ARTS, SCIENCE &**

**COMMERCE COLLEGE, CHIKHALDARA**

Principal

**Dr. Rajesh S. Jaipurkar**

(Mob.) 9423126066

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■ Website : [www.sipnaascc.ac.in](http://www.sipnaascc.ac.in)

■ Tel. (O) 07220-230309

Distt. Amravati (Maharashtra) 444 807

NAAC Reaccredited 3rd Cycle with CGPA 2.77 at grade B++ (2018-2023)

Outward No :

Date : .....

**Department of Mathematics**

**Academic Year 2021-2022**

**B. Sc. Part II (Semester IV)**

**Project Completion Certificate**

In the academic year 2021-22, as per the curriculum defined by Sant Gadge Baba Amravati University, Amravati, projects are allotted to students of B. Sc. Part II (Semester IV; Paper VIII). The students have successfully completed the assigned projects.

The concerned faculty guided the students.

Head

Department of Mathematics



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Art, Science & Commerce  
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Arts, Science and Commerce College, Chikhaldara

B. Sc. III Semester - V (2021-22)

Project Assignment

Paper IX: Mathematical Analysis

Sr. No.	Name of the Students	Title of project Assignment	Date of Submission	Marks obtained	Signature of students
1	Damini Zadkhande	Darboux' s upper and lower sums	28/10/2021	04	Damini
2	Ku Zamarkar Shakshi K	Criterion for Riemann inerrability	28/10/2021	04	Zamarkar
3	Ku Dongare Aboli H	Fundamental theorem of calculus	28/10/2021	04	Aboli
4	Ku Sayyad Mub. Shireen	Integral as a limit of a sum	28/10/2021	04	Sayyad
5	Ku Sheik Saniya	Schwartz and Young's theorem	28/10/2021	04	Saniya
6	Pojge Chaitanya R	Analytic functions, C-R Equation in Cartesian form	28/10/2021	04	Chaitanya
7	Ku Belsare Anisha C	Harmonic and Conjugate function	28/10/2021	04	Anisha
8	Ku Somwanshi Palak C	Conformal transformation	28/10/2021	04	Palak
9	Chatur Ganesh R	Improper integral when the range is infinite	28/10/2021	04	Ganesh
10	Ku Tatte Pranjali S	Improper integral when integrand is unbounded	28/10/2021	04	Tatte
11	Shirbhate Pawan S	Convergence of improper integral of type I and Type II	28/10/2021	04	Shirbhate
12	Ku Girhe Prajakta S	The Bilinear transformation	28/10/2021	04	Prajakta
13	Ku Kale Vaishnavi D	The circle under bilinear transformation	28/10/2021	04	Kale
14	Mohod Dananjay P	The mathematicians those have contribution in analysis	28/10/2021	04	Dananjay
15	Bhilavekar Vishal M	Riemann integral and properties	28/10/2021	04	Vishal
16	Kavitkar Shreyesh S	Polar form C-R Equations	28/10/2021	04	Vishal
17	Belsare Sagar S	Integral as a limit of a sum	28/10/2021	04	Selsare
18	Yeole Sujal Pandhari	Metric space and their properties	28/10/2021	04	Sujal
19	Ku Ghormade Sayli S	Milne-Thomson method to construct an analytical function	28/10/2021	04	Ghormade
20	Dhikar Umesh S	Concept of open and closed set and their properties	28/10/2021	04	Dhikar
21	Bhilavekar Pravin H	Inverse and critical point with some examples	28/10/2021	04	Pravin
22	Tekam Devesh M	Elementary functions of mapping	28/10/2021	04	Tekam
23	Mishra Anuj V	Gamma, Beta function and their convergence	28/10/2021	04	Anuj
24	Mishra Virendra A	Properties of Beta and Gamma function	28/10/2021	04	Virendra
25	Thosar Harshal	Inerrability of continuous and Monotonic function	28/10/2021	04	Harshal

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**ARTS, SCIENCE &**

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Outward No :

Date : .....

**Department of Mathematics**

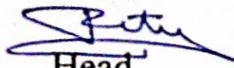
**Academic Year 2021-2022**

**B. Sc. Part III (Semester V)**

**Project Completion Certificate**

In the academic year 2021-22, as per the curriculum defined by Sant Gadge Baba Amravati University, Amravati, projects are allotted to students of B. Sc. Part III (Semester V; Paper X). The students have successfully completed the assigned projects.

The concerned faculty guided the students.

  
Head

Department of Mathematics





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College, Chikhaldara

Arts, Science and Commerce College, Chikhaldara

B. Sc. III Semester - V (2021-22)

Project Assignment

Paper X: Mathematical Methods

Sr. No.	Name of the Students	Title of project Assignment	Date of Submission	Marks obtained	Signature of students
1	Damini Zadkhande	Legendre's differential equation and its examples	22/12/2021	04	Zadkhande
2	Ku Zamarkar Shakshi K	-----,,-----	22/12/2021	04	Shakshi
3	Ku Dongare Aboli H	-----,,-----	22/12/2021	04	Abolindongare
4	Ku Sayyad Mub. Shireen	-----,,-----	22/12/2021	04	Shireen
5	Ku Sheik Saniya	Bessel's differential equation and it solution	22/12/2021	04	Saniya
6	Pojge Chaitanya R	-----,,-----	22/12/2021	04	Somwanshi
7	Ku Belsare Anisha C	-----,,-----	22/12/2021	04	Anisha Belsare
8	Ku Somwanshi Palak C	-----,,-----	22/12/2021	04	Somwanshi
9	Chatur Ganesh R	Laplace Transform of elementary function	22/12/2021	04	Ganesh
10	Ku Tatte Pranjali S	-----,,-----	22/12/2021	04	Tatte
11	Shirbhate Pawan S	-----,,-----	22/12/2021	04	Pawan
12	Ku Girhe Prajakta S	-----,,-----	22/12/2021	04	Prajakta
13	Ku Kale Vaishnavi D	Fourier Series of even and odd functions	22/12/2021	04	Vaishnavi
14	Mohod Dananjay P	-----,,-----	22/12/2021	04	Pranod
15	Bhilavekar Vishal M	-----,,-----	22/12/2021	04	Vishal
16	Kavitkar Shreyesh S	-----,,-----	22/12/2021	04	Shreyesh
17	Belsare Sagar S	Fourier Transform (Sine and cosine)	22/12/2021	04	Sagsare
18	Yeole Sujal Pandhari	-----,,-----	22/12/2021	04	Sujal
19	Ku Ghormade Sayli S	-----,,-----	22/12/2021	04	Umesh
20	Dhikar Umesh S	-----,,-----	22/12/2021	04	Udhikar
21	Bhilavekar Pravin H	Properties of Laplace transform	22/12/2021	04	Pravin
22	Tekam Devesh M	-----,,-----	22/12/2021	04	Tekam
23	Mishra Anuj V	-----,,-----	22/12/2021	04	Anishra
24	Mishra Virendra A	-----,,-----	22/12/2021	04	Vishra
25	Thosar Harshal	-----,,-----	22/12/2021	04	Harshal

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*Handwritten signature*

V. R. Patil

Asst. Professor & H.O.D. (Maths)  
Arts, Science & Commerce Co

▪ President  
**Shri. Jagdish M. Gupta**  
(Ex. Minister of State, Maharashtra)  
0721 (O) 2522341 (R) 2572526



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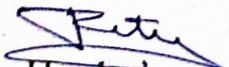
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**Department of Mathematics**  
**Academic Year 2021-2022**  
**B. Sc. Part III (Semester V)**

**Project Completion Certificate**

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Head

Department of Mathematics





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College, Chikhaldara

Arts, Science and Commerce College, Chikhaldara

B. Sc. III Semester - VI (2021-22)

Project Assignment

Paper XII: Special Relativity

Sr. No.	Name of the Students	Title of project Assignment	Date of Submission	Marks obtained	Signature of students
1	Damini Zadkhande	Velocity and acceleration transformation in S R	30/04/2022	04	Zadkhande
2	Ku Zamarkar Shakshi K	Minkowskian geometry	30/04/2022	04	Zamarkar
3	Ku Dongare Aboli H	Pythagoras theorem	30/04/2022	04	Abolidongare
4	Ku Sayyad Mub. Shireen	Pascal triangle law	30/04/2022	04	Sayyad
5	Ku Sheik Saniya	Formula Tree (Derivative and integration)	30/04/2022	04	Saniya
6	Pojge Chaitanya R	Formula chart for geometric Shapes	30/04/2022	04	Pojge
7	Ku Belsare Anisha C	Expression for Lorentz transformation	30/04/2022	04	Anisha
8	Ku Somwanshi Palak C	Expression for Galilean transformation	30/04/2022	04	Somwanshi
9	Chatur Ganesh R	Space- time structure (line element)	30/04/2022	04	Ganesh
10	Ku Tatte Pranjali S	Maxwell's equations	30/04/2022	04	Tatte
11	Shirbhate Pawan S	Proper time and its expression	30/04/2022	04	Shirbhate
12	Ku Girhe Prajakta S	Einstein Special relativity theory	30/04/2022	04	Prajakta
13	Ku Kale Vaishnavi D	Concept of Time dilation with an example	30/04/2022	04	Kale
14	Mohod Dananjay P	Four vectors and four tensors	30/04/2022	04	Dmohod
15	Bhilavekar Vishal M	Conservation of momentum	30/04/2022	04	Dananjay
16	Kavitkar Shreyesh S	Charged particle expression	30/04/2022	04	Shreyesh
17	Belsare Sagar S	Algebra of tensors	30/04/2022	04	S Belsare
18	Yeole Sujal Pandhari	Christoffel symbol	30/04/2022	04	Yeole
19	Ku Ghormade Sayli S	Biography of Newton and Einstein	30/04/2022	04	Sayli
20	Dhikar Umesh S	Mass , energy equivalence relation	30/04/2022	04	Dhikar
21	Bhilavekar Pravin H	Riemannian Metric and their Properties	30/04/2022	04	Bhilavekar
22	Tekam Devesh M	Symmetric and Skew Symmetric tensors	30/04/2022	04	Tekam
23	Mishra Anuj V	Parallel vector field	30/04/2022	04	Mishra
24	Mishra Virendra A	Properties of curvature Tensor	30/04/2022	04	Mishra
25	Thosar Harshal	Geodesic coordinate system	30/04/2022	04	Thosar
26	Shrikant kale	Covariant and contravariant	30/04/2022	04	Harshal kale

President  
**Shri. Jagdish M. Gupta**  
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Outward No :

Date : .....

**Department of Mathematics**

**Academic Year 2021-2022**

**B. Sc. Part III (Semester VI)**

**Project Completion Certificate**

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The concerned faculty guided the students.

Head

Department of Mathematics



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College, Chikhaldara



ARTS, SCIENCE & COMMERCE COLLEGE CHIKHALDARA  
DEPARTMENT OF INDUSTRIAL CHEMISTRY

Academic session 2021-2022

B.Sc. (Sem IV)

List of Project

Sr.No.	Name of Student	Project Title	Sign
1	ABHISHEK SHIRIPRAHBU NAGE	Cement industries in India	<i>Abnage</i>
2	AMBIKA CHHOTE BELSARE	Water pollution due to sugar industries	<i>Abelsare</i>
3	HITESH AVINASH MARDIKAR	Water pollution due to pulp and paper industry	<i>HH</i>
4	MANISH MANAJI SAWALKAR	Methods of Water analysis	<i>Manish</i>
5	PRANIT PRALHAD NANDANE	Water treatment methods	<i>R. Nandane</i>
6	SOHAN MAGAN KANASE	Manufacture of glass industry	<i>SKanase</i>



*A. F. Bobade*  
Sign

A. F. Bobade  
Asst. Professor & H.O.D. (Industrial Chemistry)  
Arts, Science & Commerce College,  
Chikhaldara

▪ President  
**Shri. Jagdish M. Gupta**  
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Outward No :

Date : .....

**Department of Industrial Chemistry**

**Academic Year 2021-2022**

**B. Sc. Part II (Semester IV)**

**Project Completion Certificate**

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The concerned faculty guided the students.

Head

Department of Industrial Chemistry



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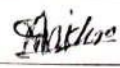



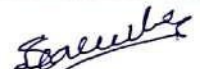



ARTS, SCIENCE & COMMERCE COLLEGE CHIKHALDARA

DEPARTMENT OF INDUSTRIAL CHEMISTRY

Academic session 2021-2022

B.Sc. (Sem VI)

List of Project

Sr.No.	Name of Student	Project Title	Sign
1	ANUJ VIJAY MISHRA	Extraction of Essential Oil	
2	DIVESH MADHUKAR TEKAM	Paper Chromatography	
3	PRAVIN HARIRAM BHILAVEKAR	Thin Layer Chromatography	
4	SAKSHI KISAN ZAMARKAR	Extraction of Citra essential oil	
5	SAYALI SHARAD GHORMADE	Extraction of Soyabean oil by solvent Extraction	
6	SUJAL PANDHARI YEOLE	Refining of edible oil	
7	UMESH SHRIRAM DAHIKAR	Hydrogenation of oil	
8	VIRENDRA ASHOK MISHRA	High performance of liquid Chromatography and Gas-Liquid Chromatography	



  
Sign  
A. F. Bobade  
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Outward No :

Date : .....

**Department of Industrial Chemistry**

**Academic Year 2021-2022**

**B. Sc. Part III (Semester VI)**

**Project Completion Certificate**

In the academic year 2021-22, as per the curriculum defined by Sant Gadge Baba Amravati University, Amravati, projects are allotted to students of B. Sc. Part III (Semester VI). The students have successfully completed the assigned projects.

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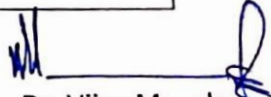
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Art, Science & Commerce  
College, Chikhaldara

# **Project List of M.Sc. Students**

ARTS, SCIENCE AND COMMERCE COLLEGE CHIKHALDARA  
P.G. Department of Environmental Science  
M.Sc. II , Semester IV (2021-22) Dissertation/Project Report

Sr. No.	Name	Short Title of Project	Name of Guide
1	Ku Asmita Arunrao Khade	A Case study of "Drinking Water Treatment Plant" at Shahanoor.	Dr. V.S. Mangle
2	Bhushan Suresh Gosavi	To study the Physico- chemical water parameters of Dug well of Chandur Railway, District Amravati.	Dr. S.R. Warhekar
3	Chetan Bhodeorao Kachare	To study the Physico- Chemical Parameters of Agricultural soil near Warud, District Amravati.	Dr. S.R. Warhekar
4	Ku. Dipika Dayaram Akhande	Survey of Ethno medicinal Plants from Chitri (Tribal Village)Tq. Dharni Dist. Amravati (Melghat.)	Prof G.D. Muratkar
5	Ganesh Jagan Kanase	Watershed Management at Bori Village,	Dr. V.S. Mangle
6	Ku. Hina Ashokrao Sonwane	Case study of Ecotourism at Melghat Tiger project , Chikhaldara	Dr. V.S. Mangle
7	Ku Kirti Jamunkar	Assessment of Carbon Foot print of Staff of Sipna College Chikhaldara.	Dr. V.S. Mangle
8	Ku. Mohini Ganesh Kalmegh	Case Study of Rain Water Rain Water Harvesting at Chikhaldara	Dr. V.S. Mangle
9	Pramod Mishrilal Parte	Study of Wildlife Management Practices of Protected Area of Chikhaldara Range, Melghat Tiger Reserve.	Prof G.D. Muratkar
10	Ku. Priya Gajanan Dhore	Comparative study of Physico -chemical parameters of Ground water of Village Chousala, Dist. Amravati.	Dr. S.R. Warhekar
11	Ku. Priya Ramesh Shelekar	Solid Waste Management at Chikhaldara.	Dr. V.S. Mangle
12	Ku. Renuka Mohan Bharate	Census of heritage Trees of Chikhaldara Municipal Council Area.	Prof G.D. Muratkar
13	Ku Shital Ramesh . Nagle	Trend of Rainfall during Monsoon period over Chikhaldara	Dr .V.S. Mangle
14	Shrikant Dharmaraj Sagane	To study the Preparation of Jivamarit (Organic Fertilizer) and its effect on soil and crop Quality.	Dr. S.R. Warhekar
15	Sunil Chhotelal Jambekar	Project Report on coffee Plantation at Chikhaldara,	Dr .V.S. Mangle
16	Yogesh Manoj Jambhale	Preliminary Survey of Health, Hygiene & sanitation from Mariumpur, Chikhaldarar.	Prof G.D. Muratkar

  
Dr. Vijay Mangle

  
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# Sant Gadge Baba Amravati University, Amravati



**PROJECT REPORT ON**

## **Survey of Ethno Medicinal Plants From Chitri (Tribal Village) Tq. Dharni Dist. Amravati (Melghat).**

**Practical VIII**

**For the degree of - M.Sc. (Environmental Science)**



**Submitted by**

**Miss . Dipika D. Akhande**  
**M.Sc. II (Environmental Science)**  
**IV Semester**



**Guided by**

**Prof. G. D. Muratkar**  
**Assist. Prof. & Head**  
**Dept. of Environmental Science**

**Submitted to**

**Post Graduate Dept. of Environmental Science**  
**Arts , Science & Commerce College , Chikhaldara,**  
**Dist. Amravati 444807**

**Academic Year 2021-22**

Department of Environmental Science  
Arts, Science & Commerce College Chikhaldara

**Certificate**


This is certify that the project work entitled "Survey Of Ethno Medicinal Plants From Chitri (Tribal Village) Tq. Dharni Dist. Amravati (Melghat)" has been carried out by Miss. Dipika Dayaram Akhande under my supervision for the degree of Master of Science in the Subject Environmental science, Arts, Science and Commerce College Chikhaldara Dist. Amravati for the session 2021-2022.

She has completed the project work by field survey in selected site.

  
(G.D. Muratkar) 6.6.22  
Supervisor

Date : 6.6.2022

Place : Chikhaldara

  
Dr. V.S. Manglik  
Coordinator  
P.G. Department of Environmental Science  
Arts, Science and Commerce College  
Chikhaldara.

13/06/2022  
PRINCIPAL  
Art, Science & Commerce  
College, Chikhaldara



# **"Case Study of Rainwater Harvesting at Chikhaldara "**

**Project Report**



**Msc. (Environmental Science)**

**Post Graduate Department of Environmental Science**

**For the partial Fullfillment of Degree of Msc.  
(Environmental Science)**

**SUBMITTED BY**

**ku. Mohini Ganesh Kalmegh.**

**Msc. II (Environmental Science) Semester - IV**

**Guided By**

**Prof. Dr. V.S Mangle sir.**



**Arts, Science and Commerce College Chikhaldara**

**Dist. Amravati**

**2021-22**

## CERTIFICATE


This is certify that the project work "*case study of Rainwater Harvesting at Chikhaldara*" submitted for the degree of M.Sc (Environmental Science), post Graduate level at Department of Environmental Science, Arts, Science & Commerce College, Chikhaldara affiliated to Sant Gadge Baba Amravati University Amravati.

The project work is carried out by *Miss. Mohini G. Kalmegh*, M.Sc. part II (Environment Science) Semester-IV under my supervision.

I further Certify that, no part of the project work has been submitted elsewhere.


Date:- 07/06/2022

  
Prof. G. D. Mhatre

  
Guide

Prof. Dr. V. S. Mangle Sir.

  
PRINCIPAL  
Art, Science & Commerce  
College, Chikhaldara  
Art, Science and Commerce College Chikhaldara

  
25/06/22

**A  
PROJECT REPORT  
ON  
WATERSHED MANAGEMENT AT BORI VILLAGE**



**SUBMITTED TO  
SANT GADGE BABA AMARAVATI UNIVERSITY, AMARAVATI**  
In partial fulfilment of the requirement for the Degree of Master of  
Science in the subject of Environmental Science  
**ARTS, SCIENCE & COMMERCE COLLEGE, CHIKHALDARA**

**By**

**Mr. Ganesh Jagan Kanase**

**M.Sc. II**

**Guided By**

**Dr. V.S.Mangle,  
Associate Professor**

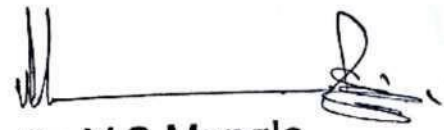
**P.G. Department of Environmental Science  
Arts , Science & Commerce College, Chikhaldara**

**2021-2022**

## CERTIFICATE

This is to certify that I have been supervised the project work entitled "Watershed Management at. Bori Village" of Mr. Ganesh Jagan Kanase for partial fulfilment of the degree of Master of Science (Environmental Science), Sant Gadge Baba Amravati University, Amravati. He has completed her Project work satisfactorily and is ready for evaluation.

  
Prof. G. D. Muratkar  
Head of Department

  
Dr. V.S. Mangle  
Guide and Coordinator

*ML 13/08/2022*  
Principal

Dr. R. S. Jaipurkar

Examined  
*[Signature]*  
(Examinee)

**A  
PROJECT REPORT**

**"TO STUDY THE PHYSICO-CHEMICAL PARAMETERS OF  
AGRICULTURE SOIL NEAR WARUD, DISTRICT AMRAVATI"**



**Submitted to Sant Gadge Baba, Amravati University, Amravati in partial  
fulfillment of the Requirement for the Degree of Master of  
Science in the subject of Environmental Science.**

**By**

**Mr. Chetan B. Kachare**

**M. Sc. II (Sem – IV)**

**Guided by**

**Dr. Shrikant R. Warhekar**

**Lecturer**

**Department of Environment Science,  
Smt. Narsamma Arts, Commerce & Science College**


**Kiran Nagar Amravati**

**2021-2022**

**Art, Science and Commerce College, Chikhaldara**

## CERTIFICATE

This is to certify that I have been supervised the Project Work entitled "To Study The Physico-Chemical Parameters Of Agriculture Soil Near Warud, District Amravati" of Mr. Chetan B. Kachare for partial fulfillment of the degree of Master of Science (Environmental Science), Sant Gadge Baba Amravati University, Amravati. he has completed his project work satisfactorily and is ready for evaluation.

  
06.06.2022  
Supervisor

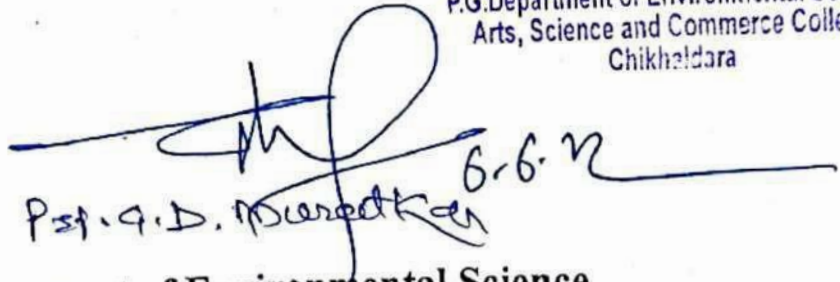
(Dr. Shrikant R. Warhekar)  
Lecturer



Dr. Vijay Mangale

**Coordinator**

P.G. Department of Environmental Science  
Arts, Science and Commerce College  
Chikhaldara

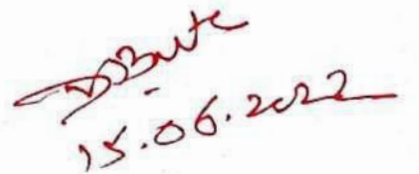
  
P. S. D. More  
6.6.22

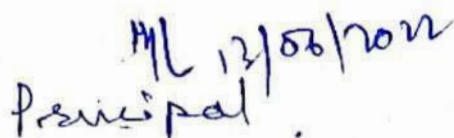
Department of Environmental Science

Art, Science and Commerce College,

Chikhaldara

2021-2022

  
15.06.2022

  
Principal