

Shri Ambabai Talim Sanstha's Sanjay Bhokare Group of Institute, Miraj. Faculty of Engineering, Management and Polytechnic

Department of Civil Engineering

Sr. No.	Particulars	Details
1	Name of Event	Visit on, "Water Treatment Plant ,Sangli"
2	Organized By,	Civil Department
3	Date	15/07/2022
4	Academic Year	2021-2022
5	Venue	Civil Department, ATS's, SBGI, Miraj
6	Resource Person	Mr. Pritesh Topage, Mr. Rahul Gurav
7	Staff Coordinator	Ms. M. Y. Jadhav
8	No. of Student Participants	20
9	Summary of Event	The working of each unit explained by Mr. Pritesh Topage in detail to students. The various operation carried out in plant are shown by Mr. Rahu Gurav. The student understood the working of water treatment plant sangli
10	Photo	अग्रेम कर मार्ग्स के महामार्ग्स स्थान के स्थान के स्थान के सिंह स्थान के सिंह सिंह सिंह सिंह सिंह सिंह सिंह सिंह
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		VHGH+FVV, Ghanshyam Nagar, Kala Nagar, Sangli, Matrarashtra 416416, India Latitude 16.87667172* Longitude 74.58076284* Local 01:01:03 PM GMT 0813:03 AM Atitude 488.42 meters Friday, 15-07-2022

Ms. M.Y.Jadhav

Mrs. S. A. Chougule

Coordinator

Head of Civil Engineering Department

Address: Tilaknagar, Sangli-Miraj Road, Miraj - 416 414 Phone: +91 233-2212989, Fax:0233- 212990, E-mail: director@sbgimiraj.org

		Office N	Note		
Departr	ment	CIVIL	Name	H	I.O.D.CIVIL
Title		Permission For Visit to Water Treatm	ent Plant	Date	07-07-2022
Descrip	otion :- A	s per currriculum of DBATU a visit to w	ater treatment plant fo	or Subject	Envornmental
Engine	eering of	S.Y. Civil Students The department is plan	ning one day visit to	water trea	tment plant ,Sangli.
For the	e visit 30) Student along with two faculties from civi	1 Engineering Depar	tment	
are des	sirable				
	Kindly	grand us Permission to conduct the visit		CAC	1
				Head	+-
			Departmemnt (Of Civil Er	ngineering
Remar	k By				Forwarded to
1	1	Provide DK			Director.
2					
3					
4					
5					
Findin	g and D	ecisions			



Sanjay Bhokare Group of Institutes, Miraj. Department of Civil Engineering

Date: 13/07/2022

All the S.Y.students of Department of Civil Engineering are informed that, Visit is arranged on 15rd July 2022 on **"WATER TREATMENT PLANT, SANGLI."** All students should present with ID Card at civil department sharp 09:30 am. Attendance is Mandatory.

Milan

Ms.M.Y.Jadhav Subject Incharge

Mrs. S.A.Chougule

Head Department of Civil Engg.





SANJAY BHOKARE GROUP OF INSTITUTES Faculty of Engineering, Management & Polytechnic

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ATS SBGE 10 22-23 Ref. No. :

8 JUL 2022 Date :

≠ 91 58728728- FE

To,

Mr. Parmeshwar Halkude

Water Supply Engineer

Sangli

Subject: Permission to visit Water Treatment Plant.

Respected sir.

In order to gain firsthand experience our students are exposed to real life working in Industry. This enhances their energy and talent. As a part of curriculum, our student has to undergo educational visit to fulfill University Academics. This is possible only with your kind support by allowing students to take a review of your well mentioned and operated plant. I am aware that Sangli Water Treatment Plant is one of the renowned in our vicinity.

Since our students are future technocrats of our nation, they have to build up a good rapport with industrial sector. Therefore, we request your kind permission to student for educational visit to Water Treatment Plant. We may also add here that your support during the visit period will be highly appreciated by us.

With the best Regards,

มา มามีขณิต์ (70mLD ยอย 20~ पाणी पुरवठा विभाग सांगली. No of students - 30 आवक रहि क. 99130 No of faculty members - 2 Mrs. S.A.Chougule Dr.A.C.Bhagli HOD Civil Director

Tilaknagar, Miraj-Sangli Road, Miraj - 416414. Dist. Sangli, Maharashtra. Ph.(0233) 2212989, 2212990 E-mail : director@sbgimiraj.org Website : www.sbgimiraj.org

VISA Confraged -DAd - 1517/22



SANJAY BHOKARE GROUP OF INSTITUTES



DTE CODE - 6644 MSBTE CODE - 1552

Faculty of Engineering, Management & Polytechnic

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With the best Regards,



No of students - 30 No of faculty members - 2

Mrs. S.A.Chougule

HOD Civil

.C.Bhagli

Director

Tilaknagar, Miraj-Sangli Road, Miraj - 416414. Dist. Sangli, Maharashtra. Ph.(0233) 2212989, 2212990 E-mail : director@sbgimiraj.org Website : www.sbgimiraj.org



Sanjay Bhokare Group of Institutes





Department Of Civil Engineering

<u>UNDERTAKING</u>

I am student of S.Y. Civil in Department of Civil Engineering at SBGI Miraj. I am willingly going to the desired visit for the Subject of Environmental Engineering.

We are here with full responsibility of our behavior towards our friends, Faculty and Dignity of SBGI Miraj. In case of any kind of misbehavior, we are liable to any punishment suggested by the respective faculty.

If found guilty, we will take full responsibility of our behavior and the same can be conveyed to the parents.

Sr.No	Name of Student	Sign Of Student
· 1	Vishualeeta Sunil Patil	Kpattl-
2.	Ketalis. S. Detiler	Start.
B·	Bhagyashri K lamdade	Bul
4.	Bhagyashni k jamdade Valshnavi . R. Regput.	VBBG MUN.
.5	Sanjana R. ChO4941e	Spehougille
5	Provincel B. Mali	Breele".
7)	Astawini A. Naik.	Ashlez
8)	Prushnoliant S. Kombie	ABSUL
97	Sauraph D. Jaelhay	Swelling
10)	Prutivisay B. pawar	Pearfundy.
11	Logeth Yourse: Marythile	v. v. pupille .
12]	Vogest Yiva: Arguillade vishal shivaji Nidone	IEFre
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14)	Apurva N. Kasar	Kasel.
15)	Karan P. Onkar	The c
16]	Viny - P. Pati	Ration
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Faculty of Engineering, Management & Polytechnic Miraj. Tilak Nagar, Sangli-Miraj Road, Wanleswadi, Miraj- 416 414. Phone No. (0233) 2212989



Department Of Civil Engineering

Sr.No	Name of Student	Sign Of Student
18	Swami Prasad	Panal
	Swami, Prasad Shikhum . V. Khikova Banjana Rajesh Chongut	
29	Sanjana Ratesh Chonght	eatt
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Department Of Civil Engineering

Visit to Water Treatment Plant Sangli

Date: - 15/07/2022

Attendance

Sr.No Name of Student Sign Of Student 1 Karan Prashant On Kary 1 2 Patil ' Vishwajeetu Steril Ipatil 3 Kasan Apurorel Kest 4 Ashwini Naik New 5 Ketelki Petikon Ketel 6 Vagshnowi Rayput Plant 7 Redwal Malo Bulle 8 Churche R. G. Plant 9 Viruj Patil Plant 10 Bhagyshri Jandade Plant	
2 Patil Vishwajeetu Steril Epatel 2 Kasor Apurarel 4 Ashwini nevik 5 Keterki petikon. 5 Vagshnovi Rogert 7 Redwal Mala 8) Churde R. G. 9) Viruj Patil 10] Bhagyshri Jamdade 11) Prutnviruj Pawar Paule	
2 Kason Aprinde G. Ashwini navik S. Keterki petikon. S. Keterki petikon. S. Vashnovi Rayput J. Brdwal Mala B) Chinde R. G. B) Chinde R. G. B) Vinuj Patil IO] Bhagyshri Jandade II) Pruthviraj Pawar Chingeng.	
G. Ashwini nevice Ashuloz 5 Keterki petikon. 5 Vagshnovi Rayput 7 Redwal Mala 8) Churde R. G. 9) Vinuj Patri 10] Bhagyshri Jamdade Physical 11) Pruthviraj Pawar Geneguag.	
5 keterki petikor. 5 Vagshnovi Rayput 7 Rodwal Male 8) Chinde R. G. 9) Vinuj Patil 10] Bhagyshri Jandade 11) Pruthviraj Pawar Georginag	
5) Vatshrovi Rayput 7) Redwal Malo 8) Chindle R. G. 9) Vinuj Patin 10] Bhagyshri Jandade 11) Pruthviraj Pawar Georging	
10] Bhagyshri Jandade Phy 11) Pruthviraj Pawar Genegung.	2.800 F
10] Bhagyshri Jandade Phy 11) Pruthviraj Pawar Genegung.	
10] Bhagyshri Jandade Phy 11) Pruthviraj Pawar Genegung.	,
10] Bhagyshri Jandade Phy 11) Pruthviraj Pawar Genegung.	
11) Prutnviraj Pawar Generginog.	
12 Presshnolcant S. Kombre Assult.	
13) Valphar U. Garade Ostaring	
14 Swami Prasad S Shibhun V. Khokada Sch	
16) Sanjana R. Chouque allege	
13 Saurabt D. Jadhar Sula.	
13) vishal . S. Nidone (OR up	
19] Jogesh Yuvra; Mugulhhode M.J. Mirruls.	



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Department Of Civil Engineering

FEEDBACK FORM

	How was the behavior of students during visit?					
	a)Poor b) good c) Excellent					
	2 Objective of visit was clearly mentioned before visit					
	a) Poor (b) Excellent					
	3 Communication skill of students					
a) Poor b) Excellent						
4	Would you like to guide the students during visit in future					
	yes b) No					
5	Where the staff was helpful?					
,	(a) Yes b) No					
6	Any suggestion					

Subject Incharge Sign

Plant Incharge Name and SIGN Porteon TO Page Ele. Enga



SANJAY BHOKARE GROUP OF INSTITUTE



ا به موافقه ب التركيك (۲۰۱۰) مرابع ب التركيك (۲۰۱۰ ترکیز ۲۰

Faculty of Engineering, Nanagement & Powechnic

Appriver: Appriver: Diversity (AUCTE: New Gehi Recordination) Government of Maharaabittaland: DTE: Mumbai Affiliated to - Stivea University (Aphagur: Dr. Satasahets: Antwedisc Technological University) Lonere and MSBTE: Mumbai

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Viale Sunny Anginese

Sangi

Sufficer: Letter of diantic for your permission for one cast

Respected or

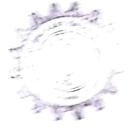
[Jor the literal of ASS]: SBGL Wirns, We would like to finate you for giving termission for site visitize Vester treatment share. Sampli.

Ver appreciate your valuable contribution which contains decempressed in worth. Peake acception is indeer of gratiture. Instactive co-speciation is indeer also:

Thanking Poul

NESS S. F. Connegetter

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Extension through

Traimagar, Wirai-Sangi Road, Wirai - 476414, Dist, Sangi, Wararashira, Ph. (0233). (2012)49, (2012)441 E-mai: director@sopmira.org, Vecisite, www.sopmira.org





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Department of Civil Engineering

Industrial Visit

Students Feedback From

Name of the Student: - Sanjana Rajesh Cho29211e
Roll No: - <u>64</u> Semester: - <u>74th</u> Date of Visit: - <u>15-7-2022</u>
Name of Industry and Location: - Mater water treatment shapt

Sangli

Sr. No.	Particulars	Strongly Agree	Agree	Disagree	Strongly Disagree
1	The Trainer is Knowledgeable?	V	×		
2	Adequate time is provided for questions & discussion, and clearing doubts	~			
3	The information provided by trainer is adequate and valuable.				
4	Was the whole visit based on a well-defined schedule and adherence to the schedule?				
5	Did your industrial visit co-relate with your course?				
6	Would you like your department to arrange such industrial visits in future?				
7	Rate the support provided by the organization				

(Signature of the student)





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Department of Civil Engineering

Industrial Visit

Students Feedback From

Name of the Student: - Karan bachant Onkar Semester: - 4th Date of Visit: - 15 - 7 - 2022 13 Roll No: -Name of Industry and Location: - Water + reatment Plant, Sampli

Sr. No.	Particulars	Strongly Agree	Agree	Disagree	Strongly Disagree
1	The Trainer is Knowledgeable?	-			
2	Adequate time is provided for questions & discussion, and clearing doubts				
3	The information provided by trainer is adequate and valuable.				
4	Was the whole visit based on a well-defined schedule and adherence to the schedule?				
5	Did your industrial visit co-relate with your course?	\checkmark			
6	Would you like your department to arrange such industrial visits in future?	\checkmark			
7	Rate the support provided by the organization	\checkmark			







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Department of Civil Engineering

Industrial Visit

Students Feedback From

Name of the Student: - Vivey Preshant Patt)
Roll No: - 19 Semester: - 4 th Date of Visit: - 15/07/22
Name of Industry and Location: - Water treatment Plant, Sangli

Sr.	Particulars	Strongly	Agree	Disagree	Strongly
No.		Agree	U		Disagree
1	The Trainer is Knowledgeable?	U			
2	Adequate time is provided for questions &				
2	discussion, and clearing doubts	1			
3	The information provided by trainer is				
5	adequate and valuable.				
4	Was the whole visit based on a well-defined				
	schedule and adherence to the schedule?	2			
5	Did your industrial visit co-relate with your				
5	course?				
6	Would you like your department to arrange	1			
Ū	such industrial visits in future?				
7	Rate the support provided by the				
/	organization				

(Signature of the student)



SANJAY

Shri Ambabai Talim Sanstha's



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BHOKARE GROUP OF INST Faculty of Engineering, Management & Polytechnic

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Department of Civil Engineering

Industrial Visit

Students Feedback From

Name of the Student: - Vaishnavi . Rangeet Roll No: - $\gamma \gamma$ Semester: - TV Date of Visit: - 15-022 Name of Industry and Location: - _____ ot), UNCIOUS Supp an

Sr. No.	Particulars	Strongly Agree	Agree	Disagree	Strongly Disagree
1	The Trainer is Knowledgeable?	V			
2	Adequate time is provided for questions & discussion, and clearing doubts	\checkmark			
3	The information provided by trainer is adequate and valuable.				,
4	Was the whole visit based on a well-defined schedule and adherence to the schedule?	\sim	4		
5	Did your industrial visit co-relate with your course?	\checkmark			
6	Would you like your department to arrange such industrial visits in future?	V			
7	Rate the support provided by the organization	\checkmark			







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Department of Civil Engineering

Industrial Visit

Students Feedback From

Name of the Student: - Bhagyashri kiran Jamdade
Roll No: - 14 Semester: - 4 th Date of Visit: - 15107122
Name of Industry and Location: - Water treatment plaint, Sangli.

Sr. No.		Strongly Agree	Agree	Disagree	Strongly Disagree
1	The Trainer is Knowledgeable?	V			
2	Adequate time is provided for questions & discussion, and clearing doubts	"	,		
3	The information provided by trainer is adequate and valuable.				
4	Was the whole visit based on a well-defined schedule and adherence to the schedule?	\checkmark			
5	Did your industrial visit co-relate with your course?	\checkmark			
6	Would you like your department to arrange such industrial visits in future?	~			
7	Rate the support provided by the organization	\checkmark			

(Signature of the student)



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Department of Civil Engineering

Industrial Visit

Students Feedback From

Name of the Student: - Projucal B Mali Semester: - 4th Date of Visit: - 15-7-2022 Roll No: - 26

Name of Industry and Location: - Water treatment Plant,

Madhaynagar	Jangli
	O^{r}

Sr. No.	Particulars	Strongly Agree	Agree	Disagree	Strongly Disagree
1	The Trainer is Knowledgeable?	~			
2	Adequate time is provided for questions & discussion, and clearing doubts	~			
3	The information provided by trainer is adequate and valuable.	\sim			
4	Was the whole visit based on a well-defined schedule and adherence to the schedule?	\checkmark			
5	Did your industrial visit co-relate with your course?	\checkmark			
6	Would you like your department to arrange such industrial visits in future?	\checkmark			
7	Rate the support provided by the organization	\checkmark			

Brok

(Signature of the student)

Shree Ambabai Talim Sansthas SANJAY BHOKARE GROUP OF INSTITUTES, MIRAJ Engineering Management Polytechnic
Experiment Summary Sheet
Name of the Student: Saurabh Dattaji Jadhay.
Subject: Envoironment Engy.
Class: <u>S.Y. civil</u> Roll No.: <u>23</u>
Batch : Date :
Experiment Number :
Title of Experiment: NATER TREATMENT PLANT Visit
Equipment and Apparatus Required :

Evalution of Submission

	Remark
Theory and Diagram	
Observation	
Calculation	
Graph	
Canclusions	

Date of Submission :

P

Marks Obtained (out of 5) : _____

Signature of Faculty : _____



FIELD VISIT TO PAGE NO. 23. WATER TREATMENT PLANT DATE: / /

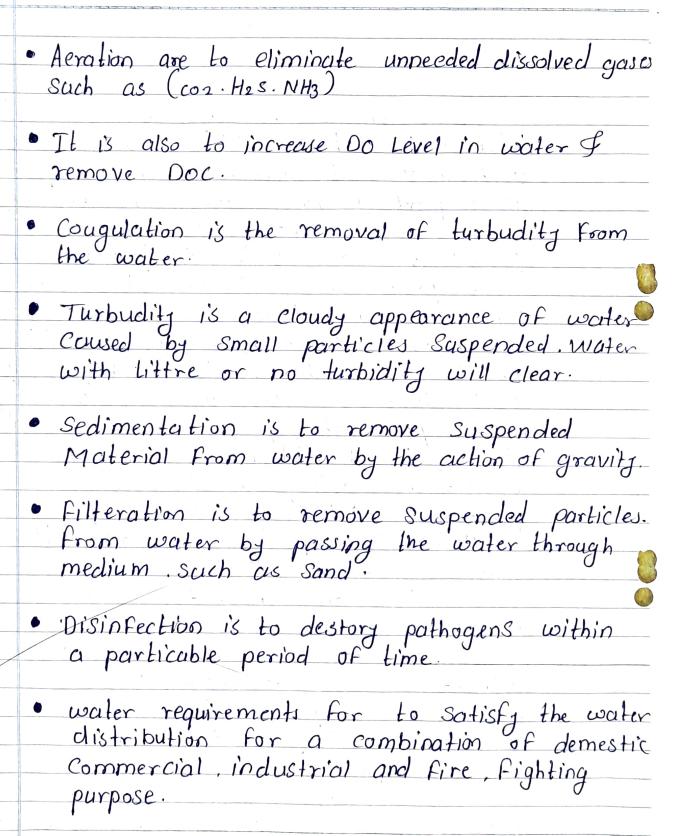
Introduction.

civil engineering department of SANJAY BHOKARE GROUP INSTITUTES organised a field visit to water treatment plant SANGII as a part of Environment Engineering Studies Second year civil engineering Students Joined the visil under the guidance of faculty. Asst. professor Ms. M.Y. Jadhav with help of Inamdar Sir & Kadam Sir. There a class about to plant was arminaered by SANGII water to plant was arrangend by SANGII water treatment outhority Mr. proven explained well about the Structure and working of the water purification plant offered a visit to SUMP & PUMP HOUSE. Student got a excellent berefit by visiting the biggest water purification plant in SANGII Area. with capacity of 84 million Liters perday and understand about water treatment methods. The apol of water freedment is to

The goal of water treatment is to remove existing contaminants in the water or reduce the concentration of Such contaminants. So water become fit for its desired end use. The process involved in treatment water is solid seperation using physical and chemical process.

Before the water is distributed into the public houses the water treatment process Such as follows. -





SBC Contraction	PAGE No. DATE : / /
	After water passes or Plowing through all distinctive features . It's collected into water tank and recidy to be supply to house area. It laxmicivil engineering services pvr. Ito, Kol HAPUR TO MLD WIP FLOW CHART Flow chart of water - Treatment Madhavnagar, Sangli.
	OBJECTIVE - The objectives of Visiting the water treatment plant are:-
	• To Study the types of water treatment plant used.
	• To study the process of water treatment.

•



PAGE No.
DATE : / /

WATER TREATMENT PROCESS.

i] Collection -

The row water which is supplied to the water treatment plant comes from KRISHNA River.

ii] Coagulation -The row water is first treatment with chemical coagulant alum The dose of alum varies depending upon the turbidity & pH of the water

iii] Flash Mixing -Treated water is then Subjected to Violent agitation in a mixing chamber for a few minutes. This allows quick and repid dissemivation of alum throughout the bulk of the water.



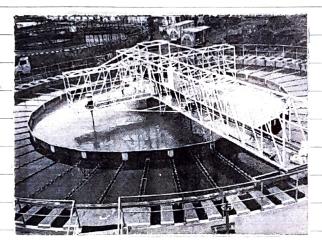
Flash -Mixing



ARIS

PAGE No.			
DATE :	/	/	

iv] Flocculation -This Phase involves a Slow and gentle Starring of the treated water in a flocculation chamber The mechanized type of rotor is used.



Flocculation.

Process.

4V] Seclimentation -

• The couguleted water is now lend into Sectimentation tank where it is detained by 2-6 hours when the Flocculent preciptate together with impurities and bactania settle down in the tank.

• At least 95% of the Flocculent precipitete needs to be removed from the water befors it is admitted to the rapid filteres.



PAGE No.			
DATE :	/	/	

Vi] Filteration -Each Filter Unit - has 6 Sand beds coarse pebble Fine pebble. Fire Sand The thickness of Sand bed is 110 cm. The bed collects the filter water.



Vill Back washing -As Filter proceeds the Supperved impurities and bactaria clay the Filters. This is clone by reversing flow of water through the Sand bed. It take about 15 minutes.



PAGE No.			
DATE :	/	/	

Vi] filteration -Each filter Unit - has 6 Sand beds coarse pebble fine pebble fire Sand The thickness of Sand bed is 110 cm. The bed collects the filter water.



Vill Back washing -As Filter proceeds the Sysperiod impurities and bactaria clog the filters. This is clone by reversing flow of water through the Sand bed. It take about 15 minutes.



PAGE No.			
DATE :	/	/	

Viii] Disinfection -This is the last step before Storage and distribution of this water. The process Chlorine gas is used for effective disjofection.

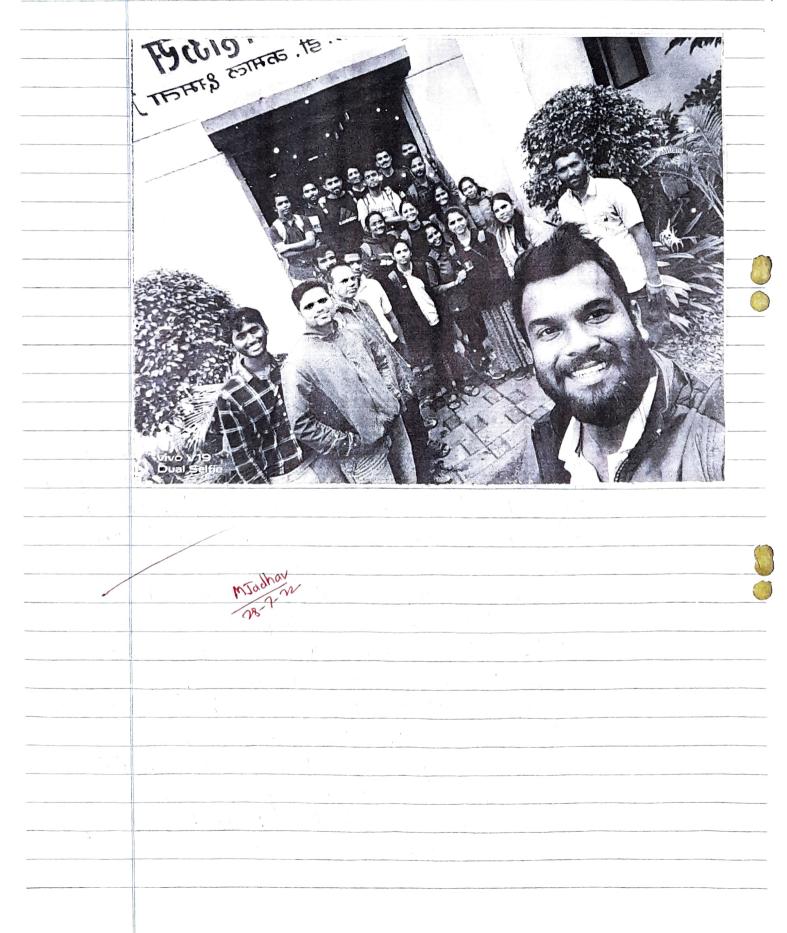
ix] Reservoir -

we have visited the reservoir where the purified water was Stored. from where it was supplied to various parts of Sangli & Kupwad.

Conclusion water plays a very important rate in human life, whether daily routive purpose This field Visit gave us the knowledge about the purifecation of aware about the scale and made us quality of water since it may affect the human health especially Also the trip made. us realised that if is not easy to supply to the water directly from the main supply to the people. Thus thanks to the responsible. party and the workers who invested in this project. to ensure health. I Convinience of the people in Sangli J Kupweld and the faculties for planning this event Smoothly.



PAGE No.			
DATE :	/	/	





3

Shri Ambabai Talim Sanstha's Sanjay Bhokare Group of Institute, Miraj. Faculty of Engineering, Management and Polytechnic Department of Civil Engineering

S	r. No.	Particulars	Details
	1	Name of Event	Visit to, "Dam Structure at Chandoli Dam"
	2	Organized By	Civil Department
	3	Date	14/03/2022
	4	Academic Year	2021-22
	5	Venue	Chandoli Dam, Sangli
	6	Resource Person	-
	7	Staff Coordinator	Mrs. S. A.Chougule , Ms. M.Y.Jadhav
	8	No. of Student Participants	25
	9	Summary of Event	Varies parts of Earthen & Gravity Dam are introduce to student at site. Also student got information about Hydroelectricity generation plant and Hydraulic Pump & Turbine
	10	Photo	

Myon

Ms.M.Y.Jadhav Coordinator

SACI .

Mrs. S. A. Chougule Head of Civil Engineering Department

Address: Tilaknagar, Sangli-Miraj Road, Miraj - 416 414 Phone: +91 233-2212989, Fax:0233- 212990, E-mail: director@sbgimiraj.org

		Office N	Note		
Depar	tment	CIVIL	Name	H	I.O.D.CIVIL
Title	Pe	rmission For Visit to Dam Structure a	t Chandoli	Date	03-03-2022
Descri	ption :- A	s per currriculum of DBATU a visit to Da	am Structure for Sub	ject Wat	er
		neering of B.Tech. Civil Students The depa			
		Student along with two faculties from civi			
are de	sirable				
	Kindly	grand us Permission to conduct the visit		SA	
		\sim		Head	
Domos	nle Du	()	Departmemnt	Of Civil E	Ingineering
Remar	к Ву	the			Forwarded to
1		punit (P			Director
2					
3				1	
4					
5					
Finding	g and Dec	isions			



SANJAY BHOKARE GROUP OF INSTITUTES Faculty of Engineering, Management & Polytechnic



DTE CODE - 6644 MSBTE CODE - 1552 Approved by A.I.C.T.E., New Delhi, Recognized by Government of Maharashtra and DTE, Mumbai Affiliated to - Dr. Babasaheb Ambedkar Technological University, Lonere and MSBTE, Mumbai

Ref. No. : ATS SB6 2/227 / 21-22

Date :

1 O MAR 2022

То

Karyakari Abhiyanta Warana,

Kalvi Vibhag No.1 Islampur

Waghwadi. (Kolhapur Highway)

Subject:-Permission to visit at "Chandoli Dam", Chandoli.

Respected Sir,

वारणा पा

As per curriculum of Dr. Babasaheb Ambedkar Technologicl University, Lonere. A visit to "Dam Structure" is recommended for B.Tech Civil students. So, our students want to visit Chandoli Dam Structure. Please convey us your permission to visit dam.

Thank You.

Number of Students:-40

Number of Faculty: - 02

Mrs.S.A.Chougule Head Department of Civil Engg.



Dr.A.C.Bhagli

Director

Tilaknagar, Miraj-Sangli Road, Miraj - 416414. Dist. Sangli, Maharashtra. Ph. (0233) 2212989, 2212990 E-mail : director@sbgimiraj.org Website : www.sbgimiraj.org



Sanjay Bhokare Group of Institutes

Faculty of Engineering, Management & Polytechnic Miraj. Tilak Nagar, Sangli-Miraj Road, Wanleswadi, Miraj- 416 414. Phone No. (0233) 2212989



Department Of Civil Engineering

14/03/2022

Visit to "Dam Structure at Chandoli"

SCHEDULE 15/03/2022

Arrival of Student at Collage	05:00 A.M		
Attendance of Student	05:00 A.M		
Departure from College	05:30 A.M		
Arrival at Location	10:00 A.M.		
Visit	10:15A.M		
Lunch	12:30 P.M		
Departure towards college	05:00 P.M.		



Note:-

I Card and Mask is Compulsory

SACI

Mrs S.A.Chougule Head Department of Civil

Dr.A.C.Bhagli

Director



Shri Ambabai Talim Sanstha's Sanjay Bhokare Group of Institutes

Faculty of Engineering, Management & Polytechnic Miraj. Tilak Nagar, Sangli-Miraj Road, Wanleswadi, Miraj- 416 414. Phone No. (0233) 2212989



Department Of Civil Engineering

UNDERTAKING

I am a student of B.Tech Civil in Department of Civil Engineering at SBGI Miraj. I am willingly going to the desired visit for the Subject of Water Resources Engineering

We are herewith taking full responsibility of our behavior towards our friends, Faculty and Dignity of SBGI Miraj. In case of any kind of misbehavior, we are liable to any punishment suggested by the respective faculty

If found guilty, we will take full responsibility of our behavior and the same can be conveyed to the parents.

Roll No	Name Of Student	Sign of Student
1	JOSHI PRATHMESH RAMESH	to.
2	SURYAVANSHI RUTUJA RAJENDRA	Rotyc
3	PAWAR ROHIT RAJU	Ret Power
4	TADAKHE KOMAL PANDURANG	
5	ALDAR GORAKH SIDA	Grunder
6	BHISE ROHIT GORAKH	A. Rhites'
7	KAMBLE KETAN RAJARAM	
8	KOLI AMIT VISHWAS	Awitw.
9	POTDAR MILIND DIGAMBAR	Mode
10	POTDAR MONESH DATTATRAY	
11	SAGANNAVAR VENKATESH PRAKASH	
12	SARGAR RAGHUNATH SHAHAJI	Elato
13	HEENA VILAS SARGAR	Jr U
14	KALKUTGI SHWETA DEEPAK	
15	JADHAV NEHA ANANDARAO	



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Department Of Civil Engineering

Roll No	Name Of Student	Sign Of Student
16	MAYURI ARUN JADHAV	Sign Of Student
17	NADAF SABIYA ALLABAKSH	Peru
18	NADONI ULHAS RAMESH	18.1 1
10	DHADAS SHRADDHA BHARAT	Canada -
20	KARNUR ROHIT PARSHURAM	
20	JAGTAP POOJA DATTATRAY	
21	CHAVAN OMKAR ANIL	- Port
22		(H
23	MAGDUM AMRUTA ARUN	
	KAGWADE VRUSHABH SAGAR	Storgel
25	KENJALE AMRUTA ANAND	
-26	MORE AJAY RAMESH	Abril
27	SABALE ONKAR SHANKAR	Capale
28	KHANDARE SHUBHAM RAJIV	
29	SHIKARKHANE ANIKET UMESH	puter
30	DHANSHRI SANJAY MANE	are
31	PARIT PALLAVI PRAKASH	Jour Part
32	MOMIN SAJIDANWAR RASHID	BRM
33	SURYAVANSHI RAHUL NARAYAN	El Carl
34	NAIK AKSHAY PANDURANG	4 Martin
35	KUMBHOJE AKASH	
36	NIKAM GIRISH	
37	ASHTEKAR TEJAS	120/1
38	AIWALE SAGER SUKHDEV	had
39	MANE ADESH VISHWAS	
40	MANE OMKAR GANGARAM	





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Department Of Civil Engineering

Visit to, "Dam Structure at Chandoli Dam"

Date: 14/03/2022

Attendance

Roll No	Name Of Student	Sign
1	JOSHI PRATHMESH RAMESH	RIBha
2	SURYAVANSHI RUTUJA RAJENDRA	Puty o
3	PAWAR ROHIT RAJU	R.R. Pawar _
4	TADAKHE KOMAL PANDURANG	
5	ALDAR GORAKH SIDA	GSAldar
6	BHISE ROHIT GORAKH	Redohic
a	KAMBLE KETAN RAJARAM	M2. Van-
8	KOLI AMIT VISHWAS	Ameri
9	POTDAR MILIND DIGAMBAR	Mfaldar
10	POTDAR MONESH DATTATRAY	
117	SAGANNAVAR VENKATESH PRAKASH	
12	SARGAR RAGHUNATH SHAHAJI	Server
173	SARGAR HEENA VILAS	
14	KALKUTGI SHWETA DEEPAK	
15	JADHAV NEHA ANANDARAO	-
16	JADHAV MAYURI ARUN	BMAC.
1	NADAF SABIYA ALLABAKSH	
18	NADONI ULHAS RAMESH	Radon
129	DHADAS SHRADDHA BHARAT	Shedro
20	Karanur Rohit Parshuram	Arante



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Department Of Civil Engineering

Roll No	Name Of Student	Sign
21	JAGTAP POOJA DATTATRAY	futor '
22	CHAVAN OMKAR ANIL	(Pri-
23	MAGDUM AMRUTA ARUN	
24	KAGWADE VRUSHABH SAGAR	ybacy .
25	KENJALE AMRUTA ANAND	Sec.
26	MORE AJAY RAMESH	5 ¹
27	SABALE ONKAR SHANKAR	Stadt 2
28	KHANDARE SHUBHAM RAJIV	2
29	SHIKARKHANE ANIKET UMESH	mikes -
30	MANE DHANSHRI SANJAY 🖋	posmore
31	PARIT PALLAVI PRAKASH	Puplin
32	MOMIN SAJIDANWAR RASHID	Burning 0
-33	SURYAVANSHI RAHUL NARAYAN	Strong
34	NAIK AKSHAY PANDURANG	30001A11-
35	KUMBHOJE AKASH DEEPAK	
36	NIKAM GIRISH BHARAT	i'
37	ASHTEKAR TEJAS DATTATRAY	AshD
38	AIWALE SAGER SUKHDEV	Spine
39	MANE ADESH VISHWAS	Marton
40	MANE OMKAR GANGARAM	oliman



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Ref. No. : ATS SBG = 233 / 21-22

To,

Date :

1 4 MAR 2022

Karyakari Abhiyanta Warana,

Kalvi Vibhag No.1 Islampur

Waghwadi (Kolhapur Highway)

Subject: - Latter of thanks

Respected Sir,

On behalf of the ATS's SANJAY BHOKARE GROUP OF INSTITUTE MIRAJ, I want to thank you for the time you took to host our visit to "Dam Structure at Chandoli Dam" on 15th March 2022. The informative tour and stimulating commentary made valuable use of our limited time.

The visit helped our students to understand the thorough working of Dam also helped our students in understanding the various components of Dam. Our students also found the Visit particularly meaningful.

Again, thank you for making our visit a memorable and encouraging experience for all of us. Hoping for the same response again in the future.

Thanking You

वारणा पाटबंधारे शाखा वारणावती

Mrs S.A.Chougule Head

Department of Civil

Yours faithfully,

Dr.A.C.Bhagli

Director

Tilaknagar, Miraj-Sangli Road, Miraj - 416414. Dist. Sangli, Maharashtra. Ph. (0233) 2212989, 2212990 E-mail : director@sbgimiraj.org Website : www.sbgimiraj.org





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Department of Civil Engineering

Industrial Visit

Students Feedback From

Name of the Student:	Joshi	Prethmesh	RAMESL	
Roll No:	Semester:	Date of V	Visit: - 14 (03 2022	-
Name of Industry and Loo	cation: - Dam	structure	- nt chanddl,	Dam

Sr. No.	Particulars	Strongly Agree	Agree	Disagree	Strongly Disagree
1	The Trainer is Knowledgeable?	V			
2	Adequate time is provided for questions &				
	discussion, and clearing doubts		\checkmark		χ.
3	The information provided by trainer is				
Ū.	adequate and valuable.		\checkmark		
4	Was the whole visit based on a well-defined				
	schedule and adherence to the schedule?		\sim		
5	Did your industrial visit co-relate with your				
5	course?	\checkmark			
6	Would you like your department to arrange				
0	such industrial visits in future?	\checkmark			
7	Rate the support provided by the				
'	organization		\checkmark		

(Signature of the student)





-

SANJAY BHOKARE GROUP OF INSTITUTES Faculty of Engineering, Management & Polytechnic

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Department of Civil Engineering

Industrial Visit

Name of the Student:	Rohit	Rajn	Pawar
Roll No: - 03	Semester:	Date	e of Visit: - 14 03 2022
Name of Industry and Loca	ntion: - Dam		at "Chemodol (Dom

Sr. No.	Particulars	Strongly Agree	Agree	Disagree	Strongly Disagree
1	The Trainer is Knowledgeable?				
2	Adequate time is provided for questions & discussion, and clearing doubts				
3	The information provided by trainer is adequate and valuable.				
4	Was the whole visit based on a well-defined schedule and adherence to the schedule?				
5	Did your industrial visit co-relate with your course?				
6	Would you like your department to arrange such industrial visits in future?				
7	Rate the support provided by the organization				

R.R. PAWar (Signature of the student)





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Department of Civil Engineering

Industrial Visit

Name of the Student:	Sargar	Raghurath	shahaji
Roll No: - 2	Semester: -	Date of	Visit: - 14 03 2022
Name of Industry and Lo	ocation: - Dam	stoucture	at "Chandoly' Dam"

Sr. No.	Particulars	Strongly Agree	Agree	Disagree	Strongly Disagree
1	The Trainer is Knowledgeable?	V			
2	Adequate time is provided for questions & discussion, and clearing doubts	~			
3	The information provided by trainer is adequate and valuable.	V			
4	Was the whole visit based on a well-defined schedule and adherence to the schedule?		\checkmark		
5	Did your industrial visit co-relate with your course?		\checkmark		N.
6	Would you like your department to arrange such industrial visits in future?	\checkmark			
7	Rate the support provided by the organization	\checkmark			

Ensorg (Signature of the student)



Department of Civil Engineering

Industrial Visit

Name of the Student:	Mane	Dhanshri	sanjay	
Roll No: 20	Semester:	Date of Visi	t: - 14 03 2022	
Name of Industry and Locati	on:- Dam	Structure.	at " chandoli Dan	M

Sr. No.	Particulars	Strongly Agree	Agree	Disagree	Strongly Disagree
1	The Trainer is Knowledgeable?	\checkmark			
2	Adequate time is provided for questions & discussion, and clearing doubts	~			
3	The information provided by trainer is adequate and valuable.		V		×.
4	Was the whole visit based on a well-defined schedule and adherence to the schedule?		V		
5	Did your industrial visit co-relate with your course?	\checkmark			
6	Would you like your department to arrange such industrial visits in future?		\checkmark		
7	Rate the support provided by the organization		\checkmark		

Demen (Signature of the student)



'A' Grade Institute

SANJAY BHOKARE GROUP OF INSTITU Faculty of Engineering, Management & Polytechnic

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Department of Civil Engineering

Industrial Visit

Name of the Student: - Aiwale Sagar Suchdar Roll No: - <u>38</u> Semester: - <u>Date of Visit: - 14/03/2022</u> Name of Industry and Location: - <u>Dam Structure at Chandel (Dam</u>^h

Sr. No.	Particulars	Strongly Agree	Agree	Disagree	Strongly Disagree
1	The Trainer is Knowledgeable?	V			
2	Adequate time is provided for questions &				
2	discussion, and clearing doubts		\checkmark		
3	The information provided by trainer is				
5	adequate and valuable.	V			
4	Was the whole visit based on a well-defined				
-+	schedule and adherence to the schedule?	\sim			
5	Did your industrial visit co-relate with your				
5	course?		V		а.
6	Would you like your department to arrange				
0	such industrial visits in future?	\checkmark			۰.
7	Rate the support provided by the				
/	organization		V		

(Signature of the student)

L<u>SBGI</u>

Visit Report.

Place- chandoli dam (Varna dam) start member - miss V.S. hamble, Mrs. S.A. chougule. Our subject treacher Miss V.S. Kamble. ancinge a visit to chandeli dem to getting idea or aveniew de the dem. What type at construction is ? How the height of dam & walk way width can be decided, by which way hydropower plant can be used in spill way? How the seepaye flow can be controlled? These type at questions can be created in our mind so our sub teacher ananged a visit to chandeli derm. After taking permission at the outhority. & give information at dam as given beber 1 Chandoli dam is combined type at down having both sides earthen structure and middle port of down is concrete masonary structure having rediced garty. It is open always for intornalion purpose for the people under the catement dred



Purpose at constructing delmi) For inigation purpose. 2) For electricity generation. 3) Flood control over the entire drell. 4) For increasing wetter table terel. 5) For solve the poblem of drinking. water. Height at dam-Earthen dem is trapezoided in shape and perce small height and toroud at the base They are also known as earthfill dem or sockfill down. Middle sect at dam is provided for transportation, inspection knowing water tevel it can provided the top width for transportation purpose conty. Spillway-For this dam one side spillway can be provided for contineous supply at water from us to DIS spillway is essential the safe value at spillway is must be properly is essential e' must have the adequate

2**SBG**

Capacity of disposal of entire surface water at time a-amival . at worst design. Seepay e meventuation-Zoned embankment typewith central impensions care curred by comparitievelly transion come which is finally the subranding by much more prenious out zone. The central core checks the seepage the transition zones prevents piping cracks which may develop in the core. The outer zone give stability to inner imperious fills and also distribute loads to locids over the area of foundation There are advanted technology weir used are-1) For opening or closing - of dam spillway garder in which way the worker come in that region in camera can be filled and online.



intermedian about that be callected this system also be used in power generation.

2) In this project two hydropower plant can be induced after reging water for one plant and then it can be transferd to another plant and tailsace water can be thow through channel.

Hydro-electric power plant -

General -When the energy of flowing water is to be used to run the turbines then the electricity denerated is colled hydro-electric power plant. This scheme and power house is known as hydro electric power plant.

specification-

1) capacity at power house = 4. Mwl Emo

2) 66 transportar p tower but side the power station house

SBGI

1

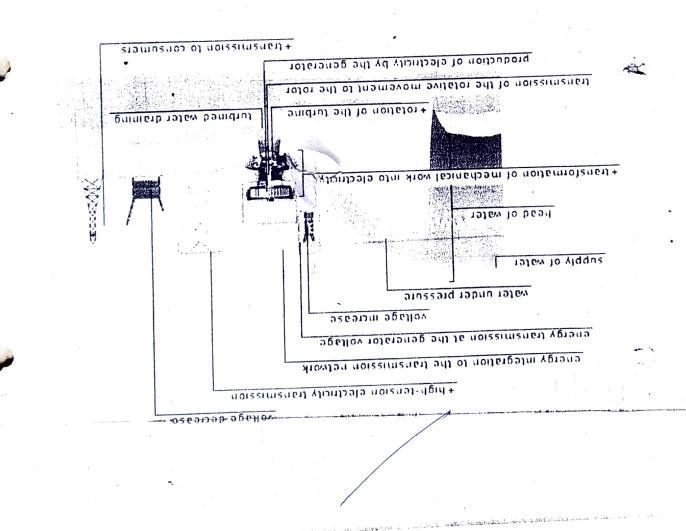
3) Two local unit in power house. 4) Il has 5 bladed semi kaplan turbine 5) Moter sememotar having .372 rpm. Major components -1) Penslockpenslock use huge - did pipej. at which carry water under pressure from storage to preserveir to turbires the structure design and pentlock essertially simillar to that the any about pressure pipe but because of the possibality at sudden bed are charges design against worker humber is essential by providing heavioer to pipe wall. slow causing values are previded so as to reduce these extra pressure, havever in case of long a generally marte at sheet or reinforcement conso generally used for each turbixe branched at lower end so as to some several turbines.

SBGI 2) Surge tank-When the land is strendy the water level in the surge champer remain constant. All level at hydraulic gradient live at the point shown. It reduces the pressure Aluctuation in conduct pipe considerably and thus prevent add water harmoner pressure being excerded up to an well at the cond ut 3) Mydraulic Turbipes-Turbines use machines which converts hydraulic energy into the etectrical energy. Directly coupling the short & turbire with generator. Ingeneral a furbire consider of wheel the worter paring large by draulic energy is made to shike the mummer and then causing to relate The turbine runner is paused on the generator the result in relating generator armadune in Sight as myrouns consider frights producing electric power.

4**SBG** 4) Power house -The building of power house substacture to support the hydraulic and electric equipments for must d- the plant which are equiped with reaction turbine exedending from foundation to generator How with water ways they are const. internelly white paying concrete 5) Dozeft Hube-It is conduit which connect the culter of reaction turbine run to the tail race weste as to emorge out at the summer flow through the pipe increasing dick come to tail race 6) Tail race-The channel into which the water is discharged water passing the turbine is known as tout race If power house is close to stream the cutotow may be discharge directly into stream



We say thanks to all the incharge who helped as to know about sydem. Width × ¥ Free bound Ā Rip rap SOD DIS Shell ore ranci S Toe Drain VS see Dis slope pervious filter Ð toundedion Cutoff Impervicy stratum Fry - Earth dam 49 Ogee spillway V over unbbar shartp.created to W (a)





Shri Ambabai Talim Sanstha's Sanjay Bhokare Group of Institute, Miraj. Faculty of Engineering, Management and Polytechnic Department of Civil Engineering

Sr. No.	Particulars	Details
1	Name of Event	Visit to, "Sewage treatment plant, Miraj"
2	Organized By	Civil Department
3	Date	05/01/2022
4	Academic Year	2021-22
5	Venue	Sewage treatment plant, Miraj
6	Resource Person	Mr.Suraj Patil, Supervisor Sewage treatment plant, Sangli.
7	Staff Coordinator	Ms. M.Y.Jadhav, Mr. S.S.Vankamble
8	No. of Student Participants	to the tweter treatment plant
9	Summary of Event	This visit was to give the practical knowledge about water treatment plant process. By this visit students can be familiar with industrial environment and get knowledge of different units of waste water treatment plant.
10	Photo	

Myou

Ms. M.Y.Jadhav

Coordinator

Mrs. S. A. Chougule

Head of Civil Engineering Department

	Office I	Note		
Department	CIVIL	Name	H	I.O.D.CIVIL
Title Po	ermission For Visit to Sewage Treat	ment Plant	Date	23/12/2021
Description :- A	s per currriculum of DBATU a visit to se	ewage treatment plan	t for Subj	ect Envornmental
Engineering of	S.Y. Civil Students The department is plan	ning one day visit to	water trea	atment plant ,Sangl
For the visit 30	Student along with two faculties from civ	il Engineering Depar	tment	۰. ۱۰
are desirable				
Kindly	grand us Permission to conduct the visit			1
			GAU	4
		Departmemnt	Head Of Civil H	
Remark By	\sim)		Forwarded to
1	proved (2)			Director
2				
3				
4				_
5				-
Finding and De	ecisions			

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ATS SBGE/ 97 Ref. No. :

Date : 2 8 DEC 2021

To,

Mr.Parmeshwar Halkude

City engineer

Water supply department, sangli

Subject: Permission to visit at sangli sewage treatment plant.

Respected sir,

As per curriculum of Dr.Babasaheb Ambedkar Technological University,Lonere a visit to water treatment plant is recommended for T.Y. Civil students. So our students want to visit water treatment plant. So please convey us your convenient date and time.

Your co-ordination in this regard will help our student in academic and also strengthen their future.

Thank you,

No of students - 40 No of faculty members - 3

Mrs. S.A.Chougule

Dr.A.C

Director

Tilaknagar, Miraj-Sangli Road, Miraj - 416414. Dist. Sangli, Maharashtra. Ph. (0233) 2212989, 2212990 E-mail : director@sbgimiraj.org Website : www.sbgimiraj.org

जा.क्र. मनपा/जलवि/सां./ ५५८ /२१-२२ सांगली मिरज आणि कुपवाड शहर महानगरपालिका. जलनि:सारण विभाग, सांगली. दि. ०४ / ०१ /२०२२

प्रति, डॉ. ए.सी. भगली, डायरेक्टर, संजय भोकरे ग्रुप ऑफ इन्स्टीट्युट, सांगली मिरज रोड, मिरज.

> विषय:- ऑक्सिडेशन पाँड हनुमाननगर सांगली येथील भेटी बाबत. संदर्भ:- एटीएस/एसबीजी/९७/२१-२२ दि.२८/१२/२०२१.

महोदय,

उपरोक्त संदर्भिय विषयान्वये आपणांस कळविणेत येते की, आपल्या संदर्भान्वये आपण बुधवार दि. ०५/०१/२०२२ रोजी दुपारी ठिक ११.०० वाजता सदर प्लॅंटला आपलेकडील विद्यार्थी घेवून भेट देवू शकता. भेटी दरम्यान कोणतीही दुर्घटना घडणार नाही याची संपुर्ण जबाबदारी आपणांवर राहिल याची गांभिर्याने आपण दखल घेवून सदर प्लॅंटवर कंपनीकडील अधिकारी / कर्मचारी यांचे समवेत आपण पहाणी करणेची आहे.

कळावे.

(तेजस शहा) प्र. यांत्रिक सहा., जलनि:सारण विभाग, सांगली सां.मि.आणि कू. शहर महानगरपालिका



Sanjay Bhokare Group of Institute, Miraj. Faculty of Engineering Department of Civil Engineering

Date: 04/01/2022



All the T.Y. And B.Tech.students of Department of Civil Engineering are informed that, Visit is arranged on 5rd January 2022 on **"SWAGE TREATMENT PLANT, SANGLI."** All students should present at civil department sharp 09:00 am. Attendance is Mandatory.

Ms.M.Y.Jadhav Subject Incharge

SACP

Mrs. S.A.Chougule Head Department of Civil Engg.



Sanjay Bhokare Group of Institutes Faculty of Engineering, Management & Polytechnic Miraj. Tilak Nagar, Sangli-Miraj Road, Wanleswadi, Miraj- 416 414. Phone No. (0233) 2212989



Department Of Civil Engineering

Undertaking

I am Student of T.Y.Civil in Department of Civil Engineering at SBGI Miraj.I am willingly going to the desired visit for the Subject of Environmental Engineering

We are here with taking Full responsibility of our behavior towards our Friends, Faculty and Dignity of SBGI Miraj. In case of any kind of misbehavior, we are liable to any punishment suggested by the Respective faculty.

If found guilty, we will take full responsibility of our behavior and the same can be conveyed to the parents.

Roll	Name Of Student	a :
No	Ivanie Of Student	Sign of Student
1	DEMANNA PRATIK PRAKASH	PP (Detherman
2	DEOKAR HARSHWARDHAN VITTHAL	HARCHOR
3	DESAI RUSHIKESH RAJENDRA	RADOSOT.
·4	GADAD MAHAMMAD IRFANMHD GOUS	
5	PATIL AKASH MALLIKARJUN	Aput
6	PATIL AKSHAY BALASO	APRAL
7	KAZI SOHEL JABBAR	
8	SHINDE ANKITA VITTHAL	Anlees
9	SURYAWANSHI YASH ARUN	Tash
10	WAVARE NAMITA DILIP	NIDUNDE
11	BIRAJDAR GURURAJ	1 Juni 1
12	MORE SANDESH	REPEORDAN
13	WAGDIYA YOGESH ISHWAR	
14	KHOT SAMMED JITENDRA	Schot
15	SHINDE GAJANAN DILIP	
16	MULIK AASHISH DEEPAK	Amedik
17	MANE ABHIJEET SUNIL	Acmare
18	AWALE NIKHIL PRAVIN	1 Street



Ľ,

Sanjay Bhokare Group of Institutes Faculty of Engineering, Management & Polytechnic Miraj. Tilak Nagar, Sangli-Miraj Road, Wanleswadi, Miraj- 416 414. Phone No. (0233) 2212989



Department Of Civil Engineering

Roll	Name Of Student	Sign of
No	Tunie of Student	Student
19		Student
20	GORE PRATIK VILAS	
	NANGURE AJIT AANNASO	Naguer
21	MINCHE RUTURAJ SUKUMAR	Kathoos
22	KAMBLE DHIRAJ PARISA	DEL
23	PATIL UDAY UTTAM	Vpcett-
24	MUGALIKAR PRAJAKTA AMOL	Projekta
25	MALI BABALU PRAKASH	produce
26	NILKANTH GIRISH ARVIND	panal
27	VICHARE ADITYA RANJIT	1 Vichane
28	FAKIR TAHIRSHAH AALAMSHA	Samel's
29	SWAMI HEMANT BHALCHANDRA	Koolem
30	KADAM TUSHAR DINESH	Acadam
31	POL SAI PRASHANT	spet
32	SUNKAY YEHSHH AAJJAY	PSRU
33	MOKASHI JITENDRA VILAS	Tomokashi.
34	PATAL SANKET SUBHASH	Klokashi
35	SATPUTE GAURAV VIJAY	
36	BANDGAR SHRIDHAR SHEKHAR	Selfon Dieso
37	MANE KSHITIJ RATAN	Amonie



Sanjay Bhokare Group of Institutes Faculty of Engineering, Management & Polytechnic Miraj.



Tilak Nagar, Sangli-Miraj Road, Wanleswadi, Miraj- 416 414. Phone No. (0233) 2212989

Department Of Civil Engineering

Undertaking

I am Student of B.Tech Civil in Department of Civil Engineering at SBGI Miraj.I am willingly going to the desired visit for the Subject of Environmental Engineering.

We are here with taking Full responsibility of our behavior towards our Friends, Faculty and Dignity of SBGI Miraj. In case of any kind of misbehavior, we are liable to any punishment suggested by the Respective faculty.

If found guilty, we will take full responsibility of our behavior and the same can be conveyed to the parents.

		Sign of Student
Roll	Name Of Student	Sign of Student
No		O -1+0
1	JOSHI PRATHMESH RAMESH	Pave-
2	SURYAVANSHI RUTUJA RAJENDRA	O-MORENY -
3	PAWAR ROHIT RAJU	Kalution
4	TADAKHE KOMAL PANDURANG	lasprest.
5	ALDAR GORAKH SIDA	Green
6	BHISE ROHIT GORAKH	RUD
7	KAMBLE KETAN RAJARAM	Aut
8	KOLI AMIT VISHWAS	Ko Lis
9	POTDAR MILIND DIGAMBAR	matcloe
10	POTDAR MONESH DATTATRAY	MeD
10	SAGANNAVAR VENKATESH PRAKASH	Saganunare?
12	SARGAR RAGHUNATH SHAHAJI	<u> 188</u>
12	HEENA VILAS SARGAR	Herrick .
13	KALKUTGI SHWETA DEEPAK	DAdae
14	JADHAV NEHA ANANDARAO	Webg gadhau -
15	MAYURI ARUN JADHAV	Maty
		Nade-
17		Reemerty
18		Strantas
19	DHADAS SHRADDHA BHARAT	



Sanjay Bhokare Group of Institutes Faculty of Engineering, Management & Polytechnic Miraj. Tilak Nagar, Sangli-Miraj Road, Wanleswadi, Miraj- 416 414. Phone No. (0233) 2212989



Department Of Civil Engineering

Roll	Name Of Student	Sign of Student
No		
20	KARNUR ROHIT PARSHURAM	(R) chit
21	JAGTAP POOJA DATTATRAY	paceja
22	CHAVAN OMKAR ANIL	onces
23	MAGDUM AMRUTA ARUN	Appuelo -
24	KAGWADE VRUSHABH SAGAR	Setal
25	KENJALE AMRUTA ANAND	Amere
26	MORE AJAY RAMESH	Ajer
27	SABALE ONKAR SHANKAR	Onley-
28	KHANDARE SHUBHAM RAJIV	Spubling
29	SHIKARKHANE ANIKET UMESH	Ander
30	DHANSHRI SANJAY MANE	Scipicity
31	PARIT PALLAVI PRAKASH	- ETCP
32	MOMIN SAJIDANWAR RASHID	Scrickipust
33	SURYAVANSHI RAHUL NARAYAN	Rapel
34	NAIK AKSHAY PANDURANG	TA4/she's
35	KUMBHOJE AKASH	Aut
36	NIKAM GÌRISH	Cappest
37	ASHTEKAR TEJAS	Tejal
38	AIWALE SAGER SUKHDEV	Socier
39	MANE ÅDESH VISHWAS	Adesh.
40	MANE OMKAR GANGARAM	opplees

	ATS SBGI MIRAJ	
-:	DEPARTMENT OF CIVIL ENGINEERI	NG
_ ~~~~	T.Y CIVIL - Roll call list 2021-2022	
	Visit to sewage treatment plant 2021-22	2
Roll No	Name Of Student	sign
1	DEMANNA PRATIK PRAKASH	
2	DEOKAR HARSHWARDHAN VITTHAL	
3	DESAI RUSHIKESH RAJENDRA	
4	GADAD MAHAMMAD IRFANMHD GOUS	18 am
5	PATIL AKASH MALLIKARJUN	Alett
6	PATIL AKSHAY BALASO	
7	KAZI SOHEL JABBAR	Goz i
8	SHINDE ANKITA VITTHAL	AVV. SHINDE.
9	SURYAWANSHI YASH ARUN	4.55
10	WAVARE NAMITA DILIP	Navarore
11	BIRAJDAR GURURAJ	
12	MORE SANDESH	
13	WAGDIYA YOGESH ISHWAR	
14	KHOT SAMMED JITENDRA	
15	SHINDE GAJANAN DILIP	N
16	MULIK AASHISH DEEPAK	AMWHAK
17	MANE ABHIJEET SUNIL	
18	AWALE NIKHIL PRAVIN	
19	GORE PRATIK VILAS	
20	NANGURE AJIT AANNASO	
21	MINCHE RUTURAJ SUKUMAR	
22	KAMBLE DHIRAJ PARISA	
23	PATIL UDAY UTTAM	Congeditoe
24	MUGALIKAR PRAJAKTA AMOL	Provogeditor
25	MALI BABALU PRAKASH	
26	NILKANTH GIRISH ARVIND	GUN
27	VICHARE ADITYA RANJIT	
28	FAKIR TAHIRSHAH AALAMSHA	
29	SWAMI HEMANT BHALCHANDRA	
30	KADAM TUSHAR DINESH	Thereferry
31	POL SAI PRASHANT	thete
32	SUNKAY YEHSHH AAJJAY	
33	MOKASHI JITENDRA VILAS	
34	PATAL SANKET SUBHASH	
35	SATPUTE GAURAV VIJAY	
36	BANDGAR SHRIDHAR SHEKHAR	
37	MANE KSHITIJ RATAN	

SACY -H.O.D.CIVIL

-	ATS SBGI MIRAJ	
-	DEPARTMENT OF CIVIL ENGINEERIN	
	B.Tesh CIVIL - Roll call list (2020-21)	
	Visit to sewage treatment plant 2021-22	
Roll no		sign
1	JOSHI PRATHMESH RAMESH	tat.
2	SURYAVANSHI RUTUJA RAJENDRA	Riset
3	PAWAR ROHIT RAJU	Roh
4	TADAKHE KOMAL PANDURANG	
5	ALDAR GORAKH SIDA	600
6	BHISE ROHIT GORAKH	Bar
7	KAMBLE KETAN RAJARAM	Wer
8	KOLI AMIT VISHWAS	Aut
9	POTDAR MILIND DIGAMBAR	2
10	POTDAR MONESH DATTATRAY	
11	SAGANNAVAR VENKATESH PRAKASH	2.Bell.
12	SARGAR RAGHUNATH SHAHAJI	Daynd.
13	HEENA VILAS SARGAR	
14	KALKUTGI SHWETA DEEPAK	
15	JADHAV NEHA ANANDARAO	
16	MAYURI ARUN JADHAV	mayin
17	NADAF SABIYA ALLABAKSH	
18	NADONI ULHAS RAMESH	1 Detain
19	DHADAS SHRADDHA BHARAT	BLAR
20	KARNUR ROHIT PARSHURAM	Real
21	JAGTAP POOJA DATTATRAY	Posta
22	CHAVAN OMKAR ANIL	ONE
23	MAGDUM AMRUTA ARUN	Maya
24	KAGWADE VRUSHABH SAGAR	Reter
25	KENJALE AMRUTA ANAND	Alengele
26	MORE AJAY RAMESH	for which is
27	SABALE ONKAR SHANKAR	Laber
28	KHANDARE SHUBHAM RAJIV	Tue
29	SHIKARKHANE ANIKET UMESH	John -
30	DHANSHRI SANJAY MANE	Mansig
31	PARIT PALLAVI PRAKASH	10 miles
32	MOMIN SAJIDANWAR RASHID	-
33	SURYAVANSHI RAHUL NARAYAN	Bat
34	NAIK AKSHAY PANDURANG	Alte
35	KUMBHOJE AKASH	
36	NIKAM GIRISH	
37	ASHTEKAR TEJAS	
38	AIWALE SAGER SUKHDEV	
	MANE ADESH VISHWAS	ъ.
40	MANE OMKAR GANGARAM	







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Ref. No. : AT3 5862 103 21-22

Date : 2702 NVF S **5 JAN** 2022



Mr.Parmeshwar Halkude City engineer Sewage treatment Plant, sangli

Subject: Letter of thanks for your permission for site visit

Respected sir,

On the behalf of ATS's SBGI, Miraj. We would like to thank you for giving permission for site visit at sewage treatment plant, sangli.

We appreciate your valuable contribution which couldn't be expressed in words. Please accept this as token of gratitude. Hope the co-operation in future also.

Thanking You,

Mrs. S.A.Chougule HOD Civil

Sugar fult srp

Dr.A.C.Bhagli Director

Tilaknagar, Miraj-Sangli Road, Miraj - 416414. Dist. Sangli, Maharashtra. Ph. (0233) 2212989, 2212990 E-mail : director@sbgimiraj.org Website : www.sbgimiraj.org





SANJAY BHOKARE GROUP OF INSTITUTES Faculty of Engineering, Management & Polytechnic

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Department of Civil Engineering

Industrial Visit

Students Feedback From

Name of the Student: - Patil Akash Mallikariun
Roll No: - O 5 Semester: - Date of Visit: - O 5 - 0 - 2 0 2 2
Name of Industry and Location: - Sewage to eat ment plant, Missay

Sr. No.	Particulars	Strongly Agree	Agree	Disagree	Strongly Disagree
1	The Trainer is Knowledgeable?	1			Disagree
2	Adequate time is provided for questions &				N
2	discussion, and clearing doubts				
3	The information provided by trainer is				
5	adequate and valuable.		V		
4	Was the whole visit based on a well-defined				
7	schedule and adherence to the schedule?	5			
5	Did your industrial visit co-relate with your				
5	course?				
(Would you like your department to arrange				
6	such industrial visits in future?				
7	Rate the support provided by the				
/	organization				N.

AMAP (Signature of the student)



A' Grade Institute

SANJAY BHOKARE GROUP OF INSTITUTES Faculty of Engineering, Management & Polytechnic

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Department of Civil Engineering

Industrial Visit

Students Feedback From

Name of the Student: - Mulik Aashish Deepak
Roll No: - 1.6 Semester: - Date of Visit: - 0.5 0.1 -2.0 2.2
Name of Industry and Location: - <u>SCWUZL</u> fredtment plant

10, Val

Sr. No.	Particulars	Strongly Agree	Agree	Disagree	Strongly Disagree
1	The Trainer is Knowledgeable?				
2	Adequate time is provided for questions & discussion, and clearing doubts				
3	The information provided by trainer is adequate and valuable.				
4	Was the whole visit based on a well-defined schedule and adherence to the schedule?	V			
5	Did your industrial visit co-relate with your course?	~			
6	Would you like your department to arrange such industrial visits in future?	V			
7	Rate the support provided by the organization				

AnuM. (Signature of the student)





SANJAY BHOKARE GROUP OF INSTITUTES Faculty of Engineering, Management & Polytechnic

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Department of Civil Engineering

Industrial Visit

Name of the Student: - <u>Avale</u> <u>Mikhil</u> <u>Pravin</u> Roll No: - <u>18</u> <u>Semester: -</u> <u>Date of Visit: - <u>05/01/2022</u> Name of Industry and Location: - <u>Sewage Treatment Plant</u>, <u>Mirag</u></u>

Sr. No.	Particulars	Strongly Agree	Agree	Disagree	Strongly Disagree
1	The Trainer is Knowledgeable?	V	5		
2	Adequate time is provided for questions & discussion, and clearing doubts	V			Υ.
3	The information provided by trainer is adequate and valuable.	\sim			
4	Was the whole visit based on a well-defined schedule and adherence to the schedule?	V			
5	Did your industrial visit co-relate with your course?	\checkmark			
6	Would you like your department to arrange such industrial visits in future?	\checkmark			
7	Rate the support provided by the organization	\checkmark			

(Signature of the student)





res

SANJAY BHOKARE GROUP OF INSTITU Faculty of Engineering, Management & Polytechnic

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Department of Civil Engineering

Industrial Visit

Students Feedback From

Name of the Student: - Kadam Tushar Dinesh
 Roll No: 30
 Semester: Date of Visit: 05
 01
 2021

Name of Industry and Location: - Sewage Treatment Plant, Misry

Sr. No.	Particulars	Strongly Agree	Agree	Disagree	Strongly Disagree
1	The Trainer is Knowledgeable?	V			
2	Adequate time is provided for questions & discussion, and clearing doubts		\checkmark		
3	The information provided by trainer is adequate and valuable.	\checkmark			
4	Was the whole visit based on a well-defined schedule and adherence to the schedule?		\checkmark		
5	Did your industrial visit co-relate with your course?	\checkmark			
6	Would you like your department to arrange such industrial visits in future?		\checkmark		
7	Rate the support provided by the organization		\checkmark	/	

(Signature of the student)





SANJAY BHOKARE GROUP OF INSTITUTES Faculty of Engineering, Management & Polytechnic

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Department of Civil Engineering

Industrial Visit

Students Feedback From

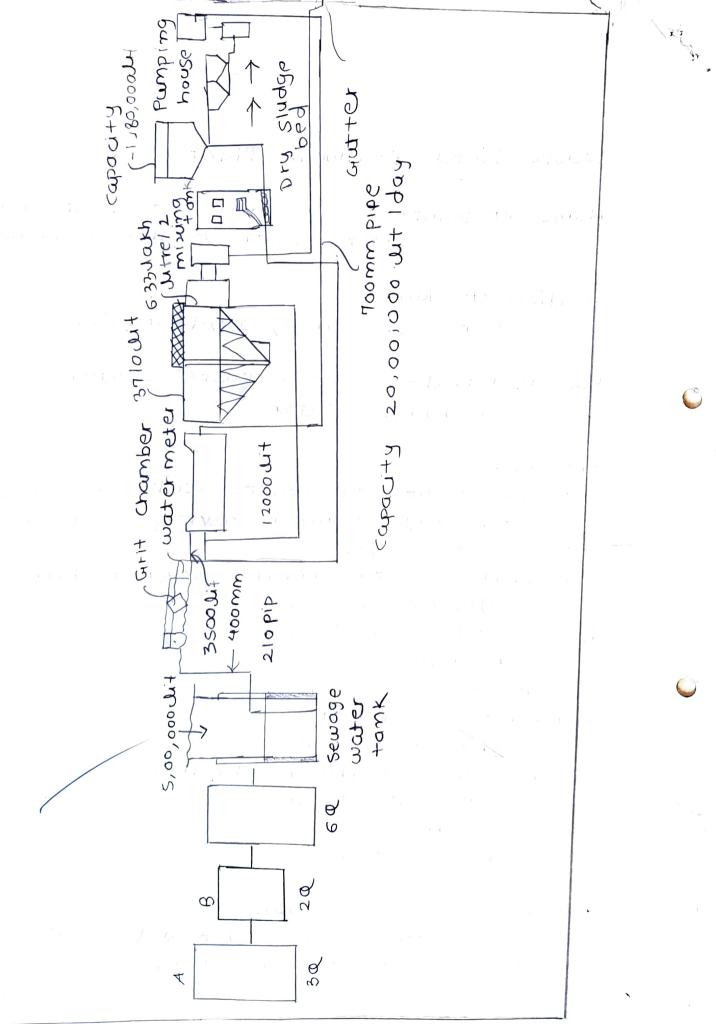
Name of the Student:	Pol	sai	Prashant	
Roll No: - 31	_ Semeste	er:	Date of Visit:	05/01/2022
Name of Industry and Loca	tion: - <u></u>	engo	Treatmont	Plant Miraj

Sr. No.	Particulars	Strongly Agree	Agree	Disagree	Strongly Disagree
1	The Trainer is Knowledgeable?		2		
2	Adequate time is provided for questions & discussion, and clearing doubts		\checkmark		
3	The information provided by trainer is adequate and valuable.		\checkmark		
4	Was the whole visit based on a well-defined schedule and adherence to the schedule?		\checkmark		
5	Did your industrial visit co-relate with your course?		\checkmark		×.
6	Would you like your department to arrange such industrial visits in future?		\checkmark		
7	Rate the support provided by the organization		\checkmark		

(Signature of the student)

a Tage	
SBGI	

	Waste Water Treatment Plant
	Name of plant - sewage treatment plant [S.T.P]
	waste water treatment plant.
	Location of plant -
	Near SIT college, Ichal Karanji.
	Row material - sewage, waste water,
	drainage water
	Process -
	In the plant the waste water is collected
	in collecting chamber having capacity
3 L	OF 29,300,00 U.T.
	following are the points covered during
	the treatment process
	i) wastewater collection
	2) odour control
	3) Screening
	4) primary treatment
	s) secondary treatment
	6) BIO-Solids handling (Aeration)
	7) Tertiary Heatment
	8) disinfection
	9) sludge treatment.
	· waste water collection-
	In 1st stage the wostewater is
	collected From drainage line.





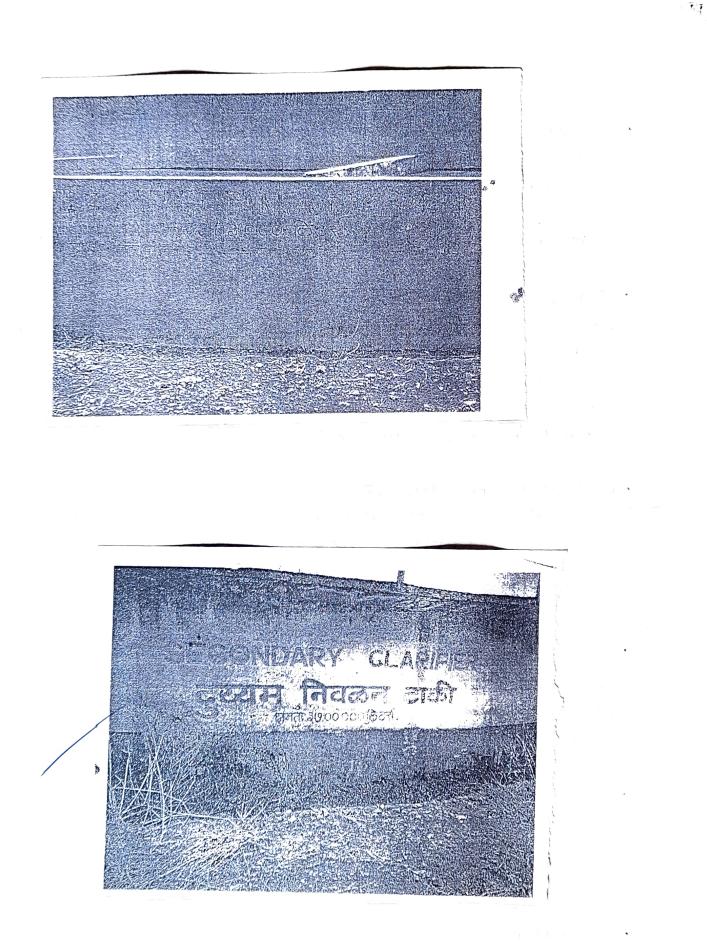
	· odour control
	waste water contains a lot of dirty
-	substance that cause foul adour treat-
	ment is necessary to ensure that
	surrounding areas are odour Free.
- -	· screening
	The wastewater of a large amount suspen-
	ded material
	e.gleanes of plants, paper, timber etc.
	the larger size Floating matter are
	removed in this process of screening.
	· primary treatment
	in primary treatment for screen, grit
	chamber setting tank & this is treated
	water is passed to the secondary
-5	treatment.
	· Secondary treatment
2	It is mainly confined in the biological
	treatment. If includes aeration tank.,
	Setting tank, chlohine, disinfection tank.
	· Biological handling
	The solid matter that settle out after

the primary & secondary treatment stages are diverted to a digestors

·Tertiary treatment

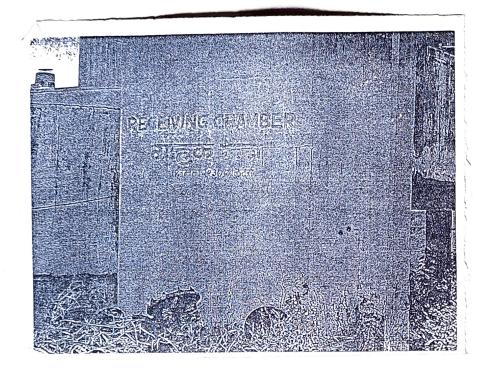
The treatment are confined with

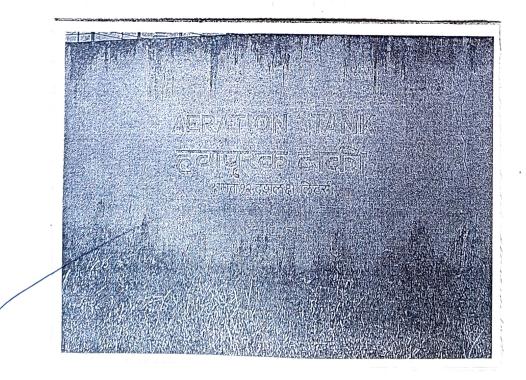
the





Provide the second seco
treatment & disposal of sewage & the
sludge with the safe economical & eco
Friendly method about 99.1. impurities
are removed in this treatment.
· Disinfection -
after primary & secondary treatment process
there are still some distases causing
organisms in the remaining treated wastewater. to remove the bacteria the
disinfaction process used.
• sludge treatment
The sludge that is produced & collected
during the primary & secondary treatment
process requires the sludge is dried
to environmental temperature & then used
For agricultural waste the sludge is
sected to Formers near by areas.
units observed at Ichalkamanji treatmen
plant.
D screening -
The waste water contains a large amount
of the suspended solids to remove the
concentration of the suspended solids
screening treatment is done.
2) Grit chamber-
solids like sand, coffee ground & eggis
shell's are settled out of the water &







	the water is neccessary
	3) Aeration Tank -
	in aeration tank the waste water is
	aerated with the help of mechanical
	aeration with the power of 75 Hp/1475rpm
	motor
0	4) Secondary clarifier-
	It is mainly confined in the biological
	treatment it includes tank settling
	tank chlorine disinfection tank.
	sistudge drying bed-
	the sludge from the treatment plant is stored in the drying bed & settled to
	the formers as fertilizers.
Te .	6) sludge thickner-
0	The volm of sludge is thickned. The
	water present in sludge is removed f
9. 1	sludge is send to drying bed.
-	
*	units Details-
	Receiving chamber -29300 lit.
	no of a epation tank - 5C1SHp - 147Srpm) moto
	capacity of sedimentation tank - 37 lakh lit.
	sludge beds-12 beds
	per tolly cast of sludge - repoli-
	capacity of aeration tank -12 takhs



Shri Ambabai Talim Sanstha's Sanjay Bhokare Group of Institute, Miraj. Faculty of Engineering, Management and Polytechnic Department of Civil Engineering

Sr. No.	Particulars	Details				
1	Name of Event	Visit to, "Water treatment plant, Sangli"				
2	Organized By	Civil Department				
3	Date	03/01/2022				
4	Academic Year	2021-22				
5	Venue	Water treatment plant, Sangli				
6	Resource Person	Mr. Rahul Gurav, Supervisor Water treatment plant Sangli.				
7	Staff Coordinator	Mrs. S. A.Chougule, Ms. M.Y.Jadhav, Mr. S.S.Vankamble				
8	No. of Student Participants					
9	Summary of Event	This visit understand that Water treatment removes contaminants and undesirable components, or reduces their concentration so that the water becomes fit for its desired end-use. This treatment is crucial to human health and allows humans to benefit from both drinking and irrigation use.				
10	Photo	टाउएस एकडा जलगुग्तालएण केंद्र गाठवेक्स सम्प आँड पंप हाउउस्य (८४ एम. एठ. ही. कमाल धुमला)				
	14.0.02	CACIA				

Myo Ms.M.Y.Jadhav

Coordinator

Mrs. S. A. Chougule Head of Civil Engineering Department

Address: Tilaknagar, Sangli-Miraj Road, Miraj - 416 414 Phone: +91 233-2212989, Fax:0233- 212990, E-mail: director@sbgimiraj.org

à	Office	Note		
Department	CIVIL	Name	H	I.O.D.CIVIL
Title	Permission For Visit to Water Trea	tment Plant	Date	21/12/202
Description	:- As per currriculum of DBATU a visit to	water treatment plant for	or Subject	Envornmental
Engineering	g of S.Y. Civil Students The departmrnt is pl	anning one day visit to	water trea	atment plant ,Sang
For the visi	it 40 Student along with 03 faculties from ci	vil Engineering Departr	nent	
are desirabl	e		· .	
	ndly grand us Permission to conduct the visi	t	SAU	
		Departmemnt (Head [®] Of Civil Er	ngineering
Remark By	\cap			Forwarded t
1	Provent			Director
2				-
3				
4				
5				
Finding and	1 Decisions			

.



SANJAY BHOKARE GROUP OF INSTITUTES



Faculty of Engineering, Management & Polytechnic

MSBTE CODE - 6644 MSBTE CODE - 1552 Approved by A.I.C.T.E., New Delhi, Recognized by Government of Maharashtra and DTE, Mumbai Affiliated to - Dr. Babasaheb Ambedkar Technological University, Lonere and MSBTE, Mumbai

Ref. No. : ATS SBG # 97 21-22

To,

Date : 2 8 DEC 2021

Mr.Parmeshwar Halkude

Water supply Engineer,

sangli

Subject: Permission to visit water treatment plant.

Respected sir,

As per curriculum of Dr.Babasaheb Ambedkar Technological University,Lonere a visit to water treatment plant is recommended for T.Y. Civil students. So our students want to visit water treatment plant. So please convey us your convenient date and time.

Your co-ordination in this regard will help our student in academic and also strengthen their future.

Thank you,

No of students - 40

No of faculty members - 3

Mrs. S.A.Chougule Dr.A HOD Civil Director पाणी पुख्लका विभाग, सामला

Tilaknagar, Miraj-Sangli Road, Miraj - 416414. Dist. Sangli, Maharashtra. Ph. (0233) 2212989, 2212990 E-mail : director@sbgimiraj.org Website : www.sbgimiraj.org



Sanjay Bhokare Group of Institute, Miraj. Faculty of Engineering Department of Civil Engineering

Date : 02/01/2022

6

All the T.Y. And B.Tech.students of Department of Civil Engineering are informed that, Visit is arranged on 3rd January 2022 on **"WATER TREATMENT PLANT, SANGLI."** All students should present at civil department sharp 09:00 am. Attendance is Mandatory.

Ms.M.Y.Jadhav Subject Incharge

SAU

Mrs. S.A.Chougule Head Department of Civil Engg.



Sanjay Bhokare Group of Institutes Faculty of Engineering, Management & Polytechnic Miraj. Tilak Nagar, Sangli-Miraj Road, Wanleswadi, Miraj- 416 414. Phone No. (0233) 2212989



Department Of Civil Engineering

Undertaking

I am Student of T.Y.Civil in Department of Civil Engineering at SBGI Miraj.I am willingly going to the desired visit for the Subject of Environmental Engineering.

We are here with taking Full responsibility of our behavior towards our Friends, Faculty and Dignity of SBGI Miraj. In case of any kind of misbehavior, we are liable to any punishment suggested by the Respective faculty.

If found guilty, we will take full responsibility of our behavior and the same can be conveyed to the parents.

Roll	Name Of Student	Sign of Student
No		
1	DEMANNA PRATIK PRAKASH	An
2	DEOKAR HARSHWARDHAN VITTHAL	
3	DESAI RUSHIKESH RAJENDRA	pecester.
4	GADAD MAHAMMAD IRFANMHD GOUS	
5	PATIL AKASH MALLIKARJUN	Arebil
6	PATIL AKSHAY BALASO	Aloshaer
7	KAZI SOHEL JABBAR	
8	SHINDE ANKITA VITTHAL	Attactor -
9	SURYAWANSHI YASH ARUN	Yagi
10	WAVARE NAMITA DILIP	Musevenne.
11	BIRAJDAR GURURAJ	*
12	MORE SANDESH	sepples.
13	WAGDIYA YOGESH ISHWAR	Salvess
14	KHOT SAMMED JITENDRA	stepol
15	SHINDE GAJANAN DILIP	Contra Co
16	MULIK AASHISH DEEPAK	Ast
17	MANE ABHIJEET SUNIL	
18	AWALE NIKHIL PRAVIN	



Sanjay Bhokare Group of Institutes

Faculty of Engineering, Management & Polytechnic Miraj. Tilak Nagar, Sangli-Miraj Road, Wanleswadi, Miraj- 416 414. Phone No. (0233) 2212989



Department Of Civil Engineering

Roll	Name Of Student	Sign of
No		Student
19	GORE PRATIK VILAS	
20	NANGURE AJIT AANNASO	Pretill
21	MINCHE RUTURAJ SUKUMAR	
22	KAMBLE DHIRAJ PARISA	Petterget
23	PATIL UDAY UTTAM	DH-ber
24	MUGALIKAR PRAJAKTA AMOL	Viertus
25	MALI BABALU PRAKASH	majabla
26	NILKANTH GIRISH ARVIND	All and -
27		Coulos.
28	VICHARE ADITYA RANJIT	
29	FAKIR TAHIRSHAH AALAMSHA	Hemael
30	SWAMI HEMANT BHALCHANDRA	
31	KADAM TUSHAR DINESH	Tlesha
32	POL SAI PRASHANT	- Saces -
32	SUNKAY YEHSHH AAJJAY	
	MOKASHI JITENDRA VILAS	Neero
34	PATAL SANKET SUBHASH	
35	SATPUTE GAURAV VIJAY	(reras
36	BANDGAR SHRIDHAR SHEKHAR	Cucuto
37	MANE KSHITIJ RATAN	(Sollt)



Sanjay Bhokare Group of Institutes Faculty of Engineering, Management & Polytechnic Miraj. Tilak Nagar, Sangli-Miraj Road, Wanleswadi, Miraj- 416 414. Phone No. (0233) 2212989



Department Of Civil Engineering

Undertaking

I am Student of B.Tech Civil in Department of Civil Engineering at SBGI Miraj.I am willingly going to the desired visit for the Subject of Environmental Engineering.

We are here with taking Full responsibility of our behavior towards our Friends, Faculty and Dignity of SBGI Miraj. In case of any kind of misbehavior, we are liable to any punishment suggested by the Respective faculty.

If found guilty, we will take full responsibility of our behavior and the same can be conveyed to the parents.

Roll	Name Of Student	Sign of Student
No		
1	JOSHI PRATHMESH RAMESH	Ploshi
2	SURYAVANSHI RUTUJA RAJENDRA	Rutigial 3
3	PAWAR ROHIT RAJU	Para Ado.
4	TADAKHE KOMAL PANDURANG	Themes
5	ALDAR GORAKH SIDA	Alder
6	BHISE ROHIT GORAKH	felli -
7	KAMBLE KETAN RAJARAM	gual :
8	KOLI AMIT VISHWAS	Franky
9	POTDAR MILIND DIGAMBAR	multa
10	POTDAR MONESH DATTATRAY	Rotclanon
11	SAGANNAVAR VENKATESH PRAKASH	Vetratest
12	SARGAR RAGHUNATH SHAHAJI	Standberli'
13	HEENA VILAS SARGAR	Milur
14	KALKUTGI SHWETA DEEPAK	Arullary)
15	JADHAV NEHA ANANDARAO	N jackhay
16	MAYURI ARUN JADHAV	Madheren
17	NADAF SABIYA ALLABAKSH	Eabiya
18	NADONI ULHAS RAMESH	Muhum
19	DHADAS SHRADDHA BHARAT	Reidas



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Department Of Civil Engineering

Roll	Name Of Student	Sign of Student
No		
20	KARNUR ROHIT PARSHURAM	portull
21	JAGTAP POOJA DATTATRAY	Praytug Ep_
22	CHAVAN OMKAR ANIL	Come :
23	MAGDUM AMRUTA ARUN	Manduna
24	KAGWADE VRUSHÅBH SAGAR	17 1) -
25	KENJALE AMRUTA ANAND	Amotey
26	MORE AJAY RAMESH	month
27	SABALE ONKAR SHANKAR	ARmue
28	KHANDARE SHUBHAM RAJIV	Stikhnue
29	SHIKARKHANE ANIKET UMESH	fighting the
30	DHANSHRI SANJAY MANE	Phashey
31	PARIT PALLAVI PRAKASH	eppent.
32	MOMIN SAJIDANWAR RASHID	SRMa
33	SURYAVANSHI RAHUL NARAYAN	Round
34	NAIK AKSHAY PANDURANG	Neite
35	KUMBHOJE AKASH	Akus
36	NIKAM GIRISH	Giposh
37	ASHTEKAR TEJAS	Talas
38	AIWALE SAGER SUKHDEV	Seveny
39	MANE ADESH VISHWAS	nemetry
40	MANE OMKAR GANGARAM	Church

	ATS SBGI MIRAJ	
-(0)	DEPARTMENT OF CIVIL ENGINEERIN	IG
_ ~	T.Y CIVIL - Roll call list 2021-2022	
	Visit To Water Treatment Plant	
Roll No	Name Of Student	Sign Of Student
1	DEMANNA PRATIK PRAKASH	Sign Of Student
2	DEOKAR HARSHWARDHAN VITTHAL	
3	DESAI RUSHIKESH RAJENDRA	
4	GADAD MAHAMMAD IRFANMHD GOUS	
5	PATIL AKASH MALLIKARJUN	Alabi
6	PATIL AKSHAY BALASO	Ale
7	KAZI SOHEL JABBAR	
8	SHINDE ANKITA VITTHAL	
9	SURYAWANSHI YASH ARUN	- SLAR
10	WAVARE NAMITA DILIP	Vas
10	BIRAJDAR GURURAJ	Partners
11	MORE SANDESH	
12	WAGDIYA YOGESH ISHWAR	
14	KHOT SAMMED JITENDRA	
14	SHINDE GAJANAN DILIP	
15	MULIK AASHISH DEEPAK	Amis.
10	MOLIK AASHISH DEEFAK MANE ABHIJEET SUNIL	-
17	AWALE NIKHIL PRAVIN	
18	GORE PRATIK VILAS	
	NANGURE AJIT AANNASO	
20		
21	MINCHE RUTURAJ SUKUMAR	
22	KAMBLE DHIRAJ PARISA	Retit
23	PATIL UDAY UTTAM	(Imgalikas
24	MUGALIKAR PRAJAKTA AMOL	(Protection and a second as a
25	MALI BABALU PRAKASH	Setter
26	NILKANTH GIRISH ARVIND	
27	VICHARE ADITYA RANJIT	
28	FAKIR TAHIRSHAH AALAMSHA	
29	SWAMI HEMANT BHALCHANDRA	
30	KADAM TUSHAR DINESH	1. auto
31	POL SAI PRASHANT	the time
32	SUNKAY YEHSHH AAJJAY	
33	MOKASHI JITENDRA VILAS	
34	PATAL SANKET SUBHASH	
35	SATPUTE GAURAV VIJAY	
36	BANDGAR SHRIDHAR SHEKHAR	
37	MANE KSHITIJ RATAN	

SAUL Head Dept of Chil Engg.





	ATS's SBGI Miraj					
	Department of Civil Engineering					
	B.Tech CIVIL (Roll List) A. Y. (202					
Roll no	Visit To Water Treatment Plant					
	Student name	Sign Of Student				
1 2	JOSHI PRATHMESH RAMESH					
3	SURYAVANSHI RUTUJA RAJENDRA	Rutip				
	PAWAR ROHIT RAJU	Jan .				
4	TADAKHE KOMAL PANDURANG	RP 1				
5	ALDAR GORAKH SIDA	Adaz				
6	BHISE ROHIT GORAKH	- Shore				
7	KAMBLE KETAN RAJARAM	Pare				
8	KOLI AMIT VISHWAS	kind				
9	POTDAR MILIND DIGAMBAR	Mato				
10	POTDAR MONESH DATTATRAY	Ala				
11	SAGANNAVAR VENKATESH PRAKASH	X				
12	SARGAR RAGHUNATH SHAHAJI	cente				
13	HEENA VILAS SARGAR	tett				
14	KALKUTGI SHWETA DEEPAK					
15	JADHAV NEHA ANANDARAO	AAAA.				
16	MAYURI ARUN JADHAV	Maethan				
17	NADAF SABIYA ALLABAKSH	A Ala				
18	NADONI ULHAS RAMESH	JRAN,				
19	DHADAS SHRADDHA BHARAT	Rhad				
20	KARNUR ROHIT PARSHURAM					
21	JAGTAP POOJA DATTATRAY	Such				
22	CHAVAN OMKAR ANIL	CR				
23	MAGDUM AMRUTA ARUN	Maygon				
24	KAGWADE VRUSHABH SAGAR	those !!				
25	KENJALE AMRUTA ANAND	ARK				
26	MORE AJAY RAMESH	monre				
27	SABALE ONKAR SHANKAR	ant				
28	KHANDARE SHUBHAM RAJIV					
29	SHIKARKHANE ANIKET UMESH	dik)				
30	DHANSHRI SANJAY MANE					
31	PARIT PALLAVI PRAKASH	Aller Mo.				
32	MOMIN SAJIDANWAR RASHID	OPM_				
33	SURYAVANSHI RAHUL NARAYAN	THE				
34	NAIK AKSHAY PANDURANG	101				
35	KUMBHOJE AKASH	alachit				
36	NIKAM GIRISH	6 ADSTUN				
37	Tejas Ashtekar					
38	Aiwale Sagar Sukhdev	AR				
39	Mane Adesh Vishwas	- APARA				
40	Omkar Gangaram Mane	Gamano				

SACH Head Dept. of Gvil Engg.



SANJAY BHOKARE GROUP OF INSTITUTES



Faculty of Engineering, Management & Polytechnic

DTE CODE - 6644 MSBTE CODE - 1552 Approved by A.I.C.T.E., New Delhi, Recognized by Government of Maharashtra and DTE, Mumbai Affiliated to - Dr. Babasaheb Ambedkar Technological University, Lonere and MSBTE, Mumbai

Ref. No. : ATS SB62 107 21-22

Date : 3 JAN 2022



Mr.Parmeshwar Halkude

City engineer

To.

Water supply department, sangli

Subject: Letter of thanks for your permission for site visit

Respected sir,

On the behalf of ATS's SBGI, Miraj. We would like to thank you for giving permission for site visit at Water treatment plant, Miraj.

We appreciate your valuable contribution which couldn't be expressed in words. Please accept this as token of gratitude. Hope the co-operation in future also.

Thanking You,

Mrs. S.A.Chougule HOD Civil

Dr.A.C

Director

Tilaknagar, Miraj-Sangli Road, Miraj - 416414. Dist. Sangli, Maharashtra. Ph. (0233) 2212989, 2212990 E-mail : director@sbgimiraj.org Website : www.sbgimiraj.org





Plant, sangli

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Department of Civil Engineering

Industrial Visit

Students Feedback From

Name of the Student: - Sunyawanshi Rutuja Rayendra 02 Semester: - ____ Date of Visit: - ____ 03 01 2022 Roll No: -

Name of Industry and Location: - Water Treatment

Sr. No.	Particulars	Strongly Agree	Agree	Disagree	Strongly Disagree
1	The Trainer is Knowledgeable?				gitt
2	Adequate time is provided for questions &				
	discussion, and clearing doubts The information provided by trainer is		\sim		
3	adequate and valuable.	\checkmark			
4	Was the whole visit based on a well-defined				
	schedule and adherence to the schedule?		V		
5	Did your industrial visit co-relate with your				
	course?	\sim			
6	Would you like your department to arrange				
	such industrial visits in future?		\checkmark		
7	Rate the support provided by the				
	organization	\checkmark			

(Signature of the student)





SANJAY BHOKARE GROUP OF INSTITUTES Faculty of Engineering, Management & Polytechnic

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Department of Civil Engineering

Industrial Visit

Students Feedback From

Name of the Student: - Aldar Gorakh Sidha _____ Semester: - _____ Date of Visit: - <u>03</u>012022

Roll No: - 05

Name of Industry and Location: - Water Tseatment

Sr. No.	Particulars	Strongly Agree	Agree	Disagree	Strongly Disagree
1	The Trainer is Knowledgeable?		1/		
2	Adequate time is provided for questions & discussion, and clearing doubts		\sim		
3	The information provided by trainer is adequate and valuable.		\checkmark		
4	Was the whole visit based on a well-defined schedule and adherence to the schedule?		\checkmark		
5	Did your industrial visit co-relate with your course?		\sim		
6	Would you like your department to arrange such industrial visits in future?		\checkmark		
7	Rate the support provided by the organization		\sim		

GALEDONE

Pant Sar

(Signature of the student)





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SANJAY BHOKARE GROUP OF INSTITU Faculty of Engineering, Management & Polytechnic

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Department of Civil Engineering

Industrial Visit

Students Feedback From

Name of the Student: - Patil Akash Mallkarjun Semester: - ____ Date of Visit: - _____ O3 0 202 05 Roll No: -Plant, Sangh - Treatment Name of Industry and Location: - ______

Sr. No.	Particulars	Strongly Agree	Agree	Disagree	Strongly Disagree
1	The Trainer is Knowledgeable?	V			
2	Adequate time is provided for questions &				
2	discussion, and clearing doubts	L			
3	The information provided by trainer is				
5	adequate and valuable.		\checkmark		
4	Was the whole visit based on a well-defined				
4	schedule and adherence to the schedule?		\checkmark		
5	Did your industrial visit co-relate with your				
5	course?	\checkmark			
6	Would you like your department to arrange				
0	such industrial visits in future?	\checkmark			
7	Rate the support provided by the				
/	organization		\checkmark		

(Signature of the student)





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SANJAY BHOKARE GROUP OF INSTI Faculty of Engineering, Management & Polytechnic

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Department of Civil Engineering

Industrial Visit

Students Feedback From

Name of the Student: - Yash Arun Sury nWangh Roll No: - <u>09</u> Semester: - <u>Date of Visit: - <u>03</u> <u>o pon</u> Name of Industry and Location: - <u>Water Treatment Plant Sangh</u></u>

Sr. No.	Particulars	Strongly Agree	Agree	Disagree	Strongly Disagree
1	The Trainer is Knowledgeable?	10			
2	Adequate time is provided for questions &				
	discussion, and clearing doubts	\checkmark			
3	The information provided by trainer is				
2	adequate and valuable.	\checkmark			
4	Was the whole visit based on a well-defined				
7	schedule and adherence to the schedule?		\checkmark		κ.
5	Did your industrial visit co-relate with your course?		\checkmark		
6	Would you like your department to arrange		,		
	such industrial visits in future?		\checkmark		
7	Rate the support provided by the				
/	organization		\checkmark		

(Signature of the student)



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1

• FIELD VISIT TO WATER TREATMENT PLANT .

DATE: /

1.5

Introduction : Civilio Engineering Department of SANJAY BHO. KARE GROUP OF UINSTITUTES organised a field Nisil to water treatment plant. SANGET as a part of Environmental Engineering studies. Nineteen Second year civil engineering students joined the visite under the quidance of faculty Asst professor Ms. M.Y. Jadhan with chelp of Inamdar sir & kadam Sir. There a Class about to plant was arrangement cby SANGLE water treatment authority. Mr Praveen evolutioned well about the Structure and wasching explained well about the structure and working of the water purification plant aftered a visit to SUMP & PUMP House. Student got a excellent 1 benefit by visiting the biggest water purification plant in SANGLT Area. with capacity of \$4 milli. on Litres per day and understand about water preatment methods The goal of toater meatments is to remove existing contaminants in the water or reduce the Concentration of such Contaminants so water become. An for its desired end lese. The processi involved in treatment water of solid 14 Separation using physical and Chemical process.

> Before the water is distributed into the public houses, the water treatment process such as follows.

· Deration are to elimatate uneeded dissolved " gases such as (CO2, H21, NH3)

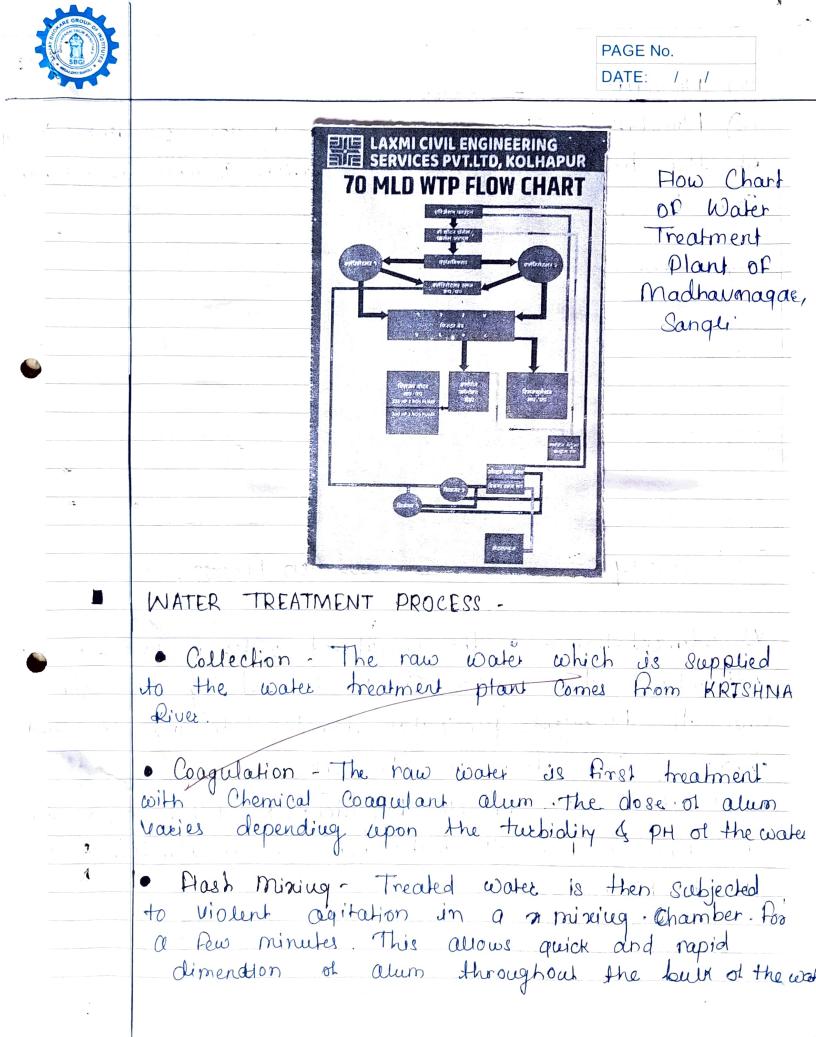
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THE TRUE OF TELL VISION
• It is also to increase Do level in water and remove
D'o c
• Coaquelation is the removal of turbidity from the water
• Tree bidity de a alignetic appendie de la la la
• Turbidity is a Cloudy appearance of water Caused by
Small particles suspended. Water with Litre or no turbidity clear
· Sedimentation is to remove suspended material from water
by the action of geaving.
· Filtration is to remove suspended particles from water by
passing the water through medium such as sand. Disinfection
is to destroy pathogens within a particulte presid of time
· Water distribution is to satisfy the water requirements for
a combination: of domestics; commercial; industrial and fire
Fighting putposes.
After Water passes or Proweing through an
distinctive teatures. It's collected winto water tank and
ready to be supply to house area.
OBJECTIVE
The Objectives of usiting the water treatment plantare.
• To study the times of water treatment plant used

- 1

• To study the types of water treatment plant reseel.

To study. the process of loater treatment.



14) Alocuatão IV) Ploculation - This phase involves a slow and gentle Stroniu of the treated water in a floculation chamber. The mechani-Ded type of notice is used. Aash Mixing Ploculation Process. · VANER TERATATION IN AUX V) Sedimentation - The Coagulated water is now lead into Sedimentation tank where it is detained by 2-6 hours when the flocalent precipatate together with impurities and bachazia Settle down in the bank, · At yeast 95% of the Plocculent precipitate needs to

whe removed from the water before it is admitted to the rapid filters.

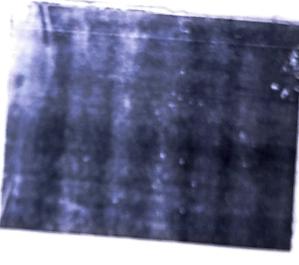


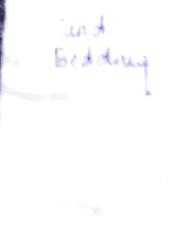
CALE NO

And Alter and has I cand bends Joanse patients

- · The process of Sand hed is 10:
- · The head reliects the filter water







mansters will hadness the the billing

- · The st line key recenting flow of trues
- · It I down through the consistent

a much the description of the basis alogs he have

· The proceed advision of the lateral dise.

ix Reservoir. We have visited the reservoir where the purified water was stored. from where it was supplied to various parts of Sangli & Kupwad. Conclusion on Water plays a very important role in human life whether a daily routine purpose. This field visit gave up the knowledge about the purification of water on large quality of water since it may affect the us healised that it is not easy to supply the water directly from the main supply to the people . This thanks to the responsible party and the workers to invested in this project. To ensure health and convi. nience of the people in Sangli & Rupwad, and the facilities for planning this event smoothly.



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127-7-22