

RAJKOT HOMOEOPATHIC MEDICAL COLLEGE

PARUL UNIVERSITY

DEPARTMENT OF COMMUNITY MEDICINE

PROPOSAL LETTER

Date- 14-03-2024.

To  
The Principal  
Rajkot Homoeopathic Medical College,  
Parul University, Rajkot.  
Gujarat.



Sub: To arrange an academic Visit to Sewage Treatment Plant.

Respected sir,

As per the curriculum by the National Commission for homoeopathy (Government of India), it is mandatory to arrange an academic visit for the students of 4<sup>th</sup> BHMS (Session – 2024 – 2026) at any Sewage Treatment Plant for their academic purposes. So, in this regard Department of Community medicine is seeking your permission to conduct an Academic Visit to any Sewage Treatment Plant, Gujarat, which will be convenient for our students, preferably in the 1<sup>st</sup> week of April 2024.

Your kind co-operation is highly solicited.

Thanking you,  
Yours faithfully,

*Das 14/03/24*

Prof (Dr) Anup Kumar Das.  
H.O.D.

Department of Community Medicine.

**HOD**  
Department of  
Community Medicine

*Seen ✓*  
*14/3/24*

PARUL UNIVERSITY  
RAJKOT HOMOEOPATHIC MEDICAL COLLEGE  
DEPARTMENT OF COMMUNITY MEDICINE

Date - 24-04-24

CIRCULAR

All the students of 4th B.H.M.S. (24-26) BHMS are hereby informed that Department of Community Medicine has organized an academic visit to Senage Treatment Plant, Parul University Campus On 26-04-2024

Your presence is mandatory. Absence without prior permission will attract a disciplinary action.



Dns 24/4/24  
H.O.D.

Department of Community Medicine.

**HOD**  
Department of  
Community Medicine

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## To Visit Sewage Treatment Plants

1 message

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**Rajkot Homoeopathic Medical College** <rhmc@paruluniversity.ac.in>  
To: puwastemgmt@paruluniversity.ac.in

Sat, Mar 23, 2024 at 2:36 PM

To,  
Ms. Rashmika Prajapati,  
Project Co Ordinator,  
Parul University,

Respected Madam

As per telephonic discussion had with you we want to visit Sewage Treatment Plant on dated 26.04.2024 in afternoon session. Approximately 106 Students and 04 Faculties of Rajkot Homoeopathic Medical College will visit for the same.

Need your approval for the same at the earliest.

Thanking you  
With Regards,  
DR.H.N.MEHTA,  
PRINCIPAL,  
Rajkot Homoeopathic Medical College  
Mobile:- 9825340073

Dr. Anup Kumar Das  
HOD  
Department of Community Medicine  
Rajkot Homoeopathic Medical College  
Mobile 9831207482

**To Visit Sewage Treatment Plants**

3 messages

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Department of Community Medicine  
Rajkot Homoeopathic Medical College  
Mobile 9831207482

**PU WASTEMGMT** <puwastemgmt@paruluniversity.ac.in>  
To: Rajkot Homoeopathic Medical College <rhmc@paruluniversity.ac.in>

Sun, Mar 24, 2024 at 10:42 AM

Respected Sir,  
Sure sir, pls. visit as per your schedule. I will book your slot for 2 batches. (Date: 26th April 2024)  
1st batch : 2 pm to 2:45 pm (53 students)  
2nd Batch: 2:50 pm to 3:30 pm (53 students)

For Any query, feel free to call

Thank you and Regards,  
Rashmika Prajapati  
Waste Management site  
Parul University  
[Quoted text hidden]

**Rajkot Homoeopathic Medical College** <rhmc@paruluniversity.ac.in>  
To: PU WASTEMGMT <puwastemgmt@paruluniversity.ac.in>

Sun, Mar 24, 2024 at 10:38 PM

Noted Madam

Dr H.N.Mehta  
Principal  
RHMC  
[Quoted text hidden]



**Parul**<sup>®</sup>  
University

**NAAC** **A++**

**RAJKOT HOMOEOPATHIC  
MEDICAL COLLEGE**



**A REPORT ON VISIT TO**  
**SEWAGE TREATMENT PLANT**  
**PARUL UNIVERSITY CAMPUS**



**ORGANISED BY,**  
**DEPARTMENT OF COMMUNITY MEDICINE**

**GUIDED BY :**

**DR. ANUP KUMAR DAS (HOD,  
DEPARTMENT OF COMMUNITY  
MEDICINE)**

**DR. HUMANI SHARMA (ASSISTANT  
PROFESSOR , DEPARTMENT OF  
COMMUNITY MEDICINE)**

**PREPARED BY :**

**AAKHUNJI TARANNUM**

**Roll no : 01**

**4th BHMS (2024 -2026)**

*[Signature]*  
**PRINCIPAL**

**RAJKOT HOMOEOPATHIC MEDICAL COLLEGE  
RAJKOT.**

*[Signature]*  
**HOD**

**Department of  
Community Medicine**

Place of visit :  
Parul university Campus, Waghodia, Vadodara, Gujrat

Date of visit :  
26/4/24



Vadodara, Gujarat, India  
Sewage treatment plant, Parul University, waghodia, Vadodara, Gujarat  
Lat 22.299484°  
Long 70.797963°  
26/04/24 09:51 AM GMT +05:30

GPS Map Camera



## WHAT IS SEWAGE ?

Sewage is a waste water from a community ,containing solid and liquid excreta, derived from houses, factories and industries.

## COMPOSITION OF SEWAGE

Sewage contains 99.9% water, remaining 0.1% includes organic and Inorganic substances which are suspended in waste water.



## HEALTH ASPECT

- Sewage is a potential source of infection and can be a habit of many insects and mosquitoes which are likely to spread various diseases.
- Sewage produces pollution of soil and water hence proper treatment of the Sewage is essential.
- Sewage causes contamination of if sent directly in rivers without processing.



Vadodara, Gujarat, India  
Sewage treatment plant, Parul University, waghodia, Vadodara, Gujarat  
Lat 22.299484°  
Long 70.797963°  
26/04/24 09:46 AM GMT +05:30

GPS Map Camera



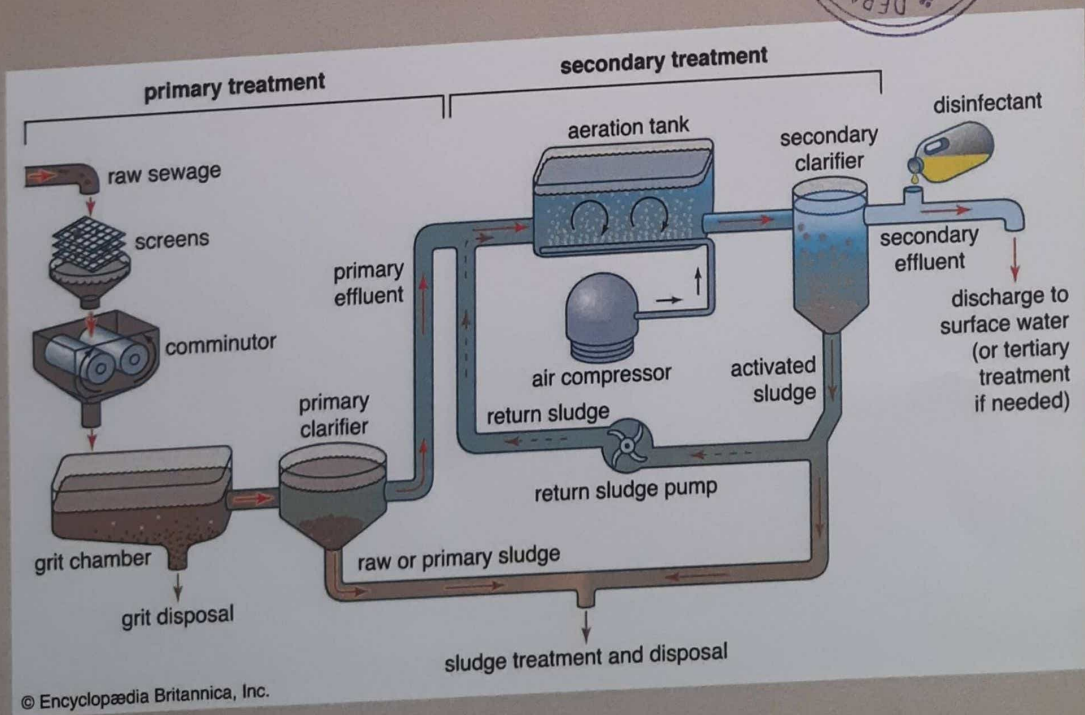
# AIMS OF SEWAGE PURIFICATION

- To make the sewage free from harmful chemical, physical and biological matter.
- To make the sewage decontaminated.
- Reuse of waste water as fertiliser in agriculture.
- Prevention of water and soil pollution.
- Maintenance of sea flora.

## PROCESS OF SEWAGE TREATMENT

it includes

1. Primary treatment: screening, grit chamber, primary sedimentation
2. Secondary treatment: trickling filter, Activated sludge process, secondary sedimentation
3. Sludge digestion
4. Disposal of effluent



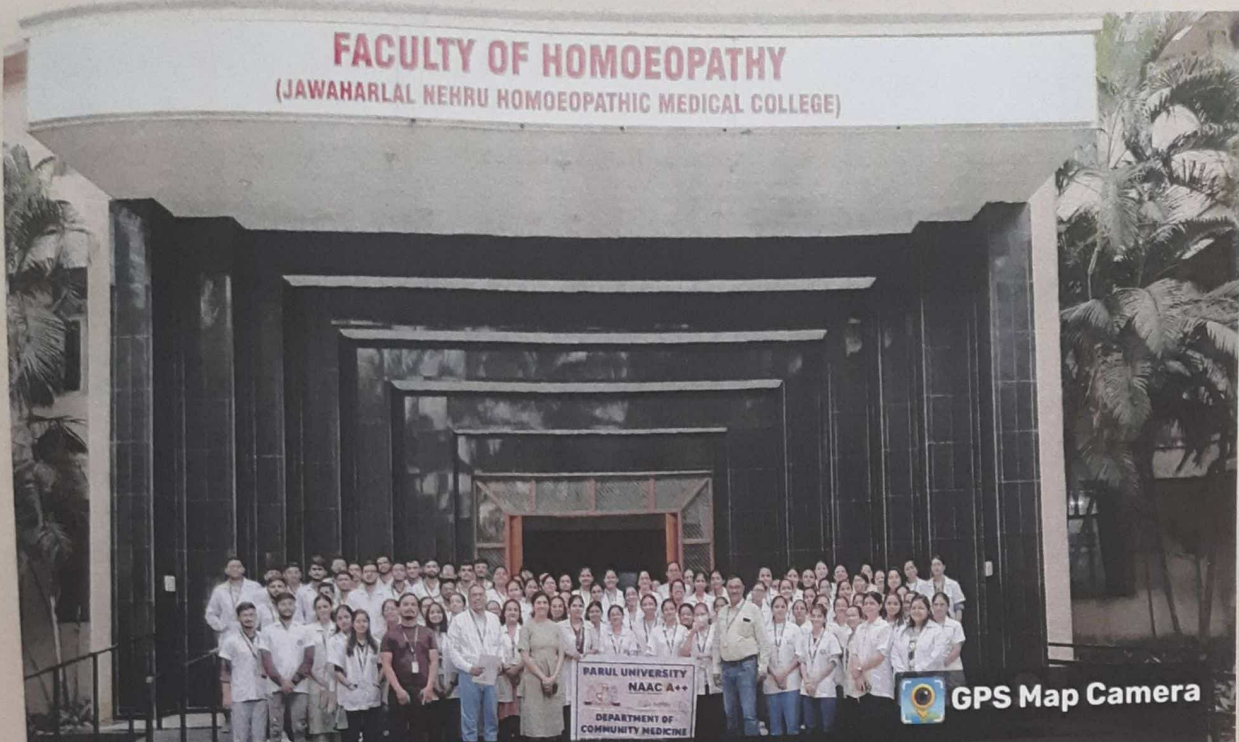
## OUTCOME OF SEWAGE TREATMENT

Following are the end products of sewage treatment

- Effluent : used in agriculture or can be mixed with river water or sea.
- Methane gas : used as bio fuel and also for heating and lightning purpose.
- Fertiliser : dried sludge is used as natural fertiliser.







**FACULTY OF HOMOEOPATHY**  
(JAWAHARLAL NEHRU HOMOEOPATHIC MEDICAL COLLEGE)

GPS Map Camera

Vadodara, Gujarat, India  
JNHMC, Parul University, waghodia, Vadodara, Gujarat  
Lat 22.299484°  
Long 70.797963°  
26/04/24 10:54 AM GMT +05:30



GPS Map Camera

Vadodara, Gujarat, India  
Sewage treatment plant, Parul University, waghodia, Vadodara, Gujarat  
Lat 22.299484°  
Long 70.797963°  
26/04/24 09:59 AM GMT +05:30







Established & Incorporated Under Gujarat Private Universities  
(Second Amendment) Act, 2015 (Guj. Act No. 7 of 2015)

**Parul<sup>®</sup>**  
**University**



Date: 26-04-2024

**TO WHOM IT MAY CONCERN**

This is to certify that total 95 students of 4th year BHMS( 2024- 2026), of Rajkot Homoeopathic Medical College, Parul University, had visited Sewage Treatment Plant, at Parul University Campus, Baroda on dated 26 -04-2024 under the guidance of Department of Community Medicine.

Prof (Dr) Anup Kumar Das, HOD, Assistant Professor, Dept. of Community Medicine, and Dr Humani Sharma, Dept. of Community Medicine, accompanied and guided the students during the visit.

Principal  
Jawaharlal Nehru  
Homoeopathic Medical College  
Limda, Vadodara. Pin - 391760.

Dean: Faculty of Homoeopathy  
(Parul University)

**Jawaharlal Nehru Homoeopathic Medical College**  
Faculty of Homeopathy

P.O.Limda, Tal. waghodia, Dist. Vadodara - 391760, Gujarat State, India.

Tel.: 02668-0260272, Fax : 260201 | Email : jnhmc@paruluniversity.ac.in | Web : www.paruluniversity.ac.in

Rajkot Homoeopathic Medical College, Rajkot

Parul University

Department of Community Medicine

Sewage Treatment Plant - Parul University Campus, Date:- 26.04.2024

No	Name	Signature
1	Aakhunji Tarannum Mahammadshakilbhai	
2	Aailiyani Neer Prakashkumar	
3	Ahir Dineshkumar Bhikhabhai	
4	Ardeshana Naisargee Pravinkumar	
5	Babariya Emani Dineshbhai	
6	Babariya Madhaviben ashvinbhai	
7	Baldha Kruti M.	
8	Bambhoriliya Prushti M.	
9	Bediya Arti Hasmukhbhai	
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23	Chudasama Brinda Bakulkumar	
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27	Deraiya Sahil Gafarbhai	
28	Dharaviya Manisha Rameshbhai	
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32	Dobariya Nirali Rameshbhai	
33	Gamit Sanjanaben Prakashbhai	
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40	Jobanputra Kashish Vijaybhai	
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46	Khunt Manali Kaushikbhai	
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49	Labdiya Divya Pravinbhai	
50	Limbasiya Dhruvi Rameshbhai	
51	Limbasiya Jatin Rameshbhai	



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105	Kanzariya Bhavik Vinodbhai	



*[Handwritten Signature]*  
HOD

Department of  
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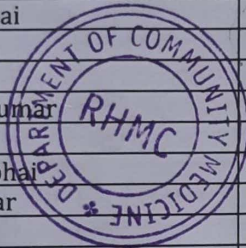
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HOD 26/4/24

Department of  
Community Medicine