### RAJKOT HOMOEOPATHIC MEDICAL COLLEGE

#### PARUL UNIVERSITY

### **DEPARTMENT OF COMMUNITY MEDICINE**

#### PROPOSAL LETTER

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



Date- 14-03-2024.

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,

Prof (Dr) Anup Kumar Das.

Upon 14/03/24

H.O.D.

Department of Community Medicine.

Department of Community Medicine

5 cen 5/14/3/24

### PARUL UNIVERSITY RAJKOT HOMOEOPATHIC MEDICAL COLLEGE DEPARTMENR OF COMMUNITY MEDICINE

Date - 24 - 04 - 24

### **CIRCULAR**

All the students of 4th 6 Hms. (24-26) BHMS are hereby informed that Department of Community Medicine has organized an academic visit to Senage Treatment Plant, Parula University Camp 115 On 26-04-2024

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

disciplinary action.

Department of Community Medicine. HOD

> Department of Community Medicine



## **To Visit Sewage Treatment Plants**

1 message

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



Rajkot Homoeopathic Medical College <rhmc@paruluniversity.ac.in>

### To Visit Sewage Treatment Plants

3 messages

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Dr. Anup Kumar Das HOD 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

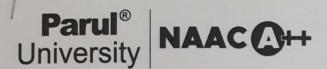
Thank you and Regards, Rashmika Prajapati Waste Management site Parul University [Quoted text hidden]

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 hidder



# 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)

PRINCIPAL

RAJKOT HOMOEOPATHIC MEDICAL COLLEGE

RAJKOT.

Dom 28/4/24

Department of Community Medicine

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

Date of visit: 26/4/24



### 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% 8ncludes 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.



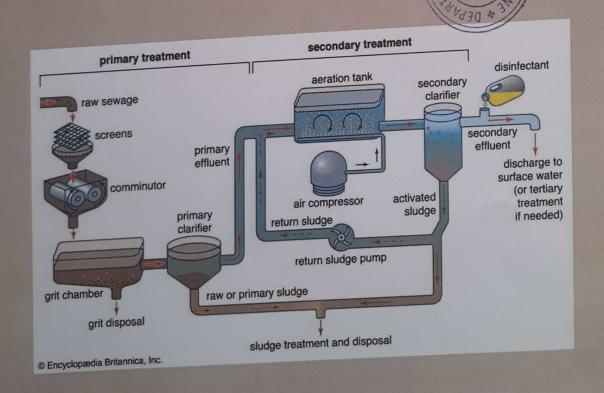
# AIMS OF SEWAGE PURIFICATION

- 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

- Primary treatment: screening, grit chamber, primary sedimentation
- Secondary treatment: tricling filter, Activated sludge 2. 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.







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



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.

Jawaharla Nehru Homoeopathic Medical College Limda, Vadodara. Pin - 391760. Dean: Faculty of Homoeopathy (Partil University)

### Rajkot Homoeopathic Medical College, Rajkot

### **Parul University**

### **Department of Community Medicine**

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

	Name	Signature
No		
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	
10	Bhadrecha Krutyaksha Kanaiya	
11	Bhanderi Kishankumar Pravinbhai	
12	Bhindora Aastha Jayeshbhai	
13	Bhut Isha Sanjaybhai	
14	Chaniya Mahek Ibrahimbhai	
15	Chaudhari Krutikumari Pankajbhai	
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47	Koriya Janki Navnitkumar	
48	Kukadia Gautami Dineshbhai	
49	Labdiya Divya Pravinbhai	
50	Limbasiya Dhruvi Rameshbhai	
51	Limbasiya Jatin Rameshbhai	

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HOD
Department of
Community Medicine

# Rajkot Homoeopathic Medical College, Rajkot

## Parul University

# Department of Community Medicine

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

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Department of Community Medicine