

DEPARTMENT OF COMMUNITY MEDICINE

Proposal letter

Date – 09.02.2023

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

SUBJECT – TO ARRANGE AN ACADEMIC VISIT TO SEWAGE TREATMENT PLANT.
Respected Sir,

As per the curriculum by the National Commission for Homoeopathy, Govt. of India, it is mandatory to arrange an academic visit for the students of 4th BHMS at any Sewage treatment plant. So, in this regard we are seeking your permission to arrange an academic visit at Sewage treatment plant, Rajkot in February, 2023.

Your kind co-operation is highly solicited.

Thanking you,
Yours sincerely,



①sm 9/2/23

Prof (Dr) A. K. Das.

H.O.D

Department of Community Medicine.

HOD

Department of
Community Medicine

permitted
9/2/23



Parul
University

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

DEPARTMENT OF COMMUNITY MEDICINE

Date – 10 February 2023.

To
The Executive Engineer,
Rajkot Municipal Corporation,
Rajkot.



SUBJECT – TO GRANT PERMISSION FOR ACADEMIC VISIT.

Respected Sir,

As per the curriculum by the National Commission for Homoeopathy, Govt. of India, it is mandatory to arrange an academic visit for the students of 4th BHMS at any Sewage treatment plant. So in this regard we are seeking your permission to arrange an academic visit on any convenient date in February 2023, for the students of 4th BHMS. Our students will follow the rules and regulations of the visit and 105 students will attend under the supervision of the faculty member of the Department of Community Medicine, Rajkot Homoeopathic Medical College, Parul University.

Hope our students will not be deprived from your benevolence.

Thanking you,
Yours sincerely,

(Signature) 10/2/23

Prof (Dr) A. K. Das.

H.O.D

Department of Community Medicine.

HOD

Department of
Community Medicine

(Signature) 10/2/23
Prof (Dr) H.N. Mehta.

PRINCIPAL.

Rajkot Homoeopathic Medical College.

PRINCIPAL

RAJKOT HOMOEOPATHIC MEDICAL COLLEGE
RAJKOT.

Total 86 Students and Dr Anup Kumar
Drs visited this plant for
academic purposes dated on
06/03/23

(Signature)
B.M. Runkh
(Signature)
Chowdhury

રાજકોટ મહાનગરપાલિકા
ફેનોલ પ્રોજેક્ટ શાખા
ઇન્ચાર્જ ડી. 985
તારીખ: 10/02/23
Visit - 06/3/23

Rajkot Homoeopathic Medical College
Faculty of Homoeopathy

Gondal Road, Rajkot - 360002, Gujarat, India

Tel.: 0281 2361372, Tel. Fax: 0281 2373210 | Email : rhmc@paruluniversity.ac.in | Web : www.paruluniversity.ac.in

PARUL UNIVERSITY
RAJKOT HOMOEOPATHIC MEDICAL COLLEGE
Department of Community Medicine

Date-28-02-2023

CIRCULAR

All the students of Vth BHMS are hereby informed that Department of Community Medicine has organized an academic visit to Sewage Treatment Plant on 28-02-2023

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



P. N. 28/2/23
HOD

Dept. of Community Medicine

HOD
Department of
Community Medicine



Parul University



A REPORT ON VISIT TO

SEWAGE TREATMENT PLANT

**RAIYA ROAD, SAURASHTRA UNIVERSITY CAMPUS,
MUNJKA,**

RAJKOT, GUJARAT 360005.

ORGANISED BY

**DEPARTMENT OF COMMUNITY MEDICINE
RAJKOT HOMOEOPATHIC MEDICAL COLLEGE**

GUIDED BY :-

**Dr. ANUP KUMAR DAS
(H.O.D.)**

**Dr. HUMANI SHARMA
(Assistant Professor)**

PREPARED BY :-

VANDIT BAGTHARIYA

Roll No. :- 02

4th B.H.M.S.

A.Y - 2022-2024

**PRINCIPAL
RAJKOT HOMOEOPATHIC MEDICAL COLLEGE
RAJKOT.**

**HOD
Department of
Community Medicine**

PLACE OF VISIT :-

**SEWAGE TREATMENT PLANT RAIYA ROAD,
SAURASHTRA UNIVERSITY CAMPUS, MUNJKA, RAJKOT
360005.**

**DATE OF VISIT :-
6TH MARCH 2023**



AIM OF VISIT :

To understand the Sewage collection, processing and Sewage purification methods.



Rajkot, Gujarat, India

Rajkot homoeopathic medical College gondal road near jaynath petrol pump

rajkot, Bhaktinagar Society, Bhakti Nagar, Rajkot, Gujarat 360002, India

Lat 22.278898°

Long 70.799799°

06/03/23 10:50 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 & inorganic substances which are suspended in the waste water.

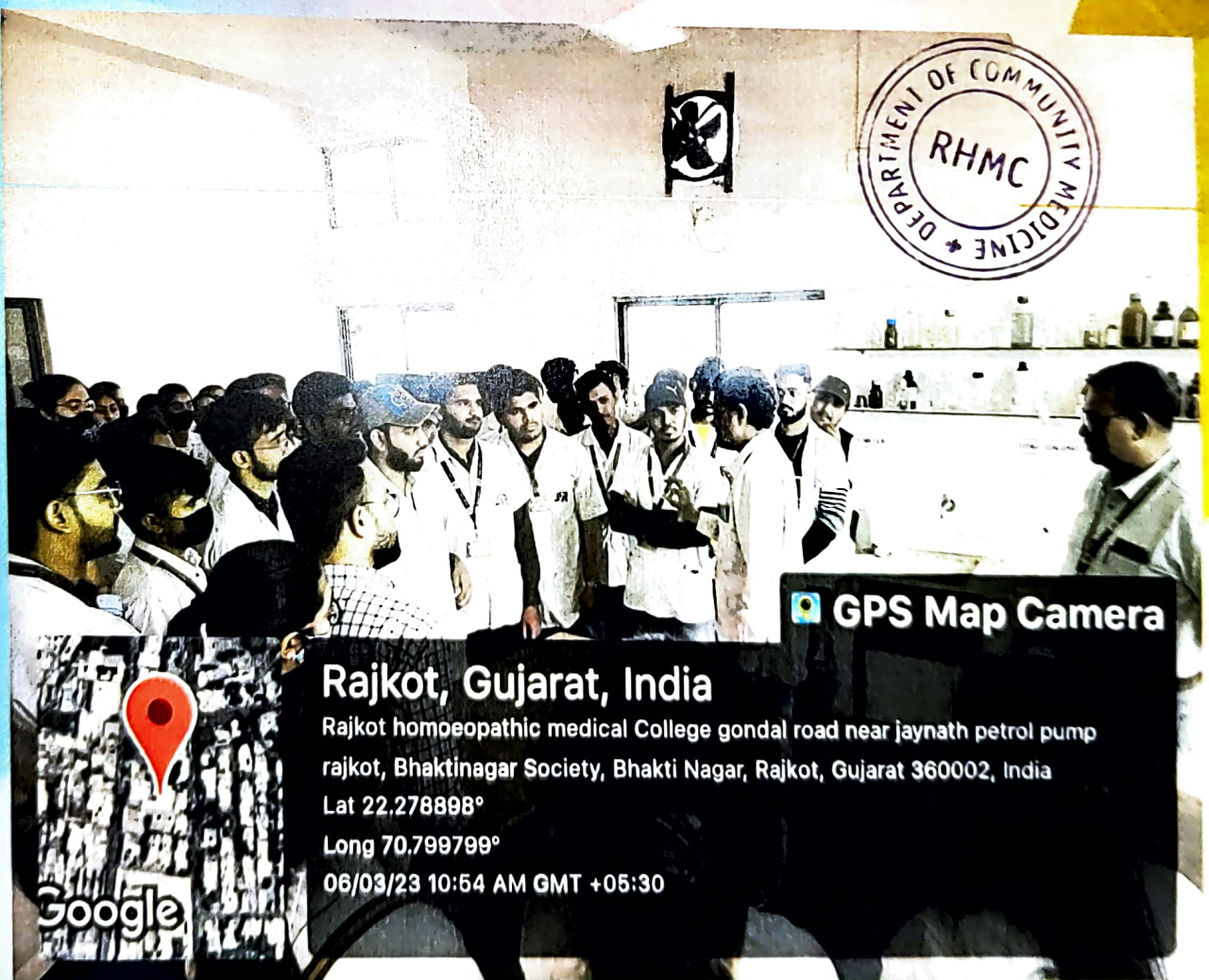
HEALTH ASPECT

- Sewage is a potent source of infection and can be a habitat of many insects and mosquitoes which are likely to spread various diseases.
- Sewage produces pollution of soil & 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 & soil pollution.
- Maintenance of sea flora.



PROCESS OF SEWAGE TREATMENT

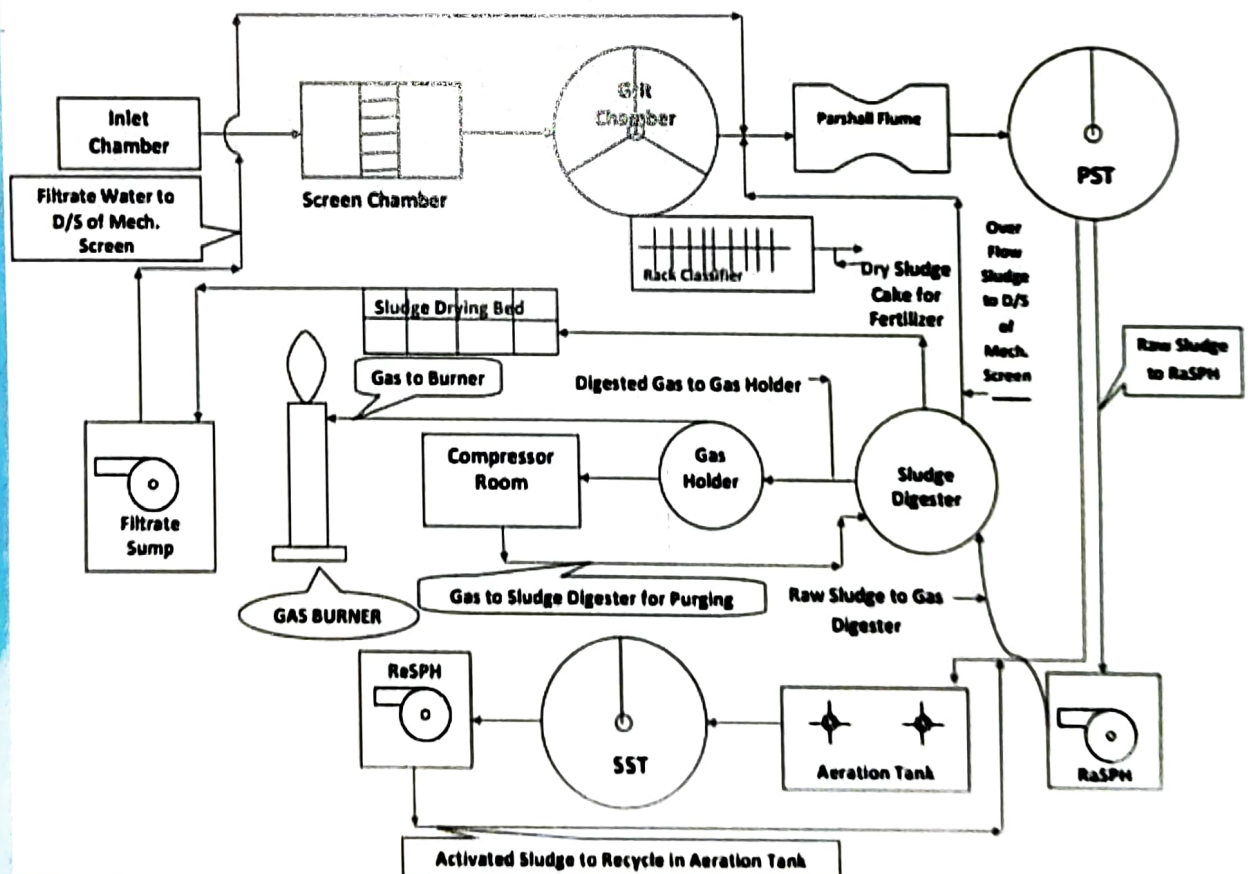
It includes

(A) Primary treatment : Screening , Grit Chamber , Primary Sedimentation.

(B) Secondary treatment : Trickling filter ,A ctivated sludge process, Secondary sedimentation.

(C) Sludge Digestion

(D) Disposal of effluent.



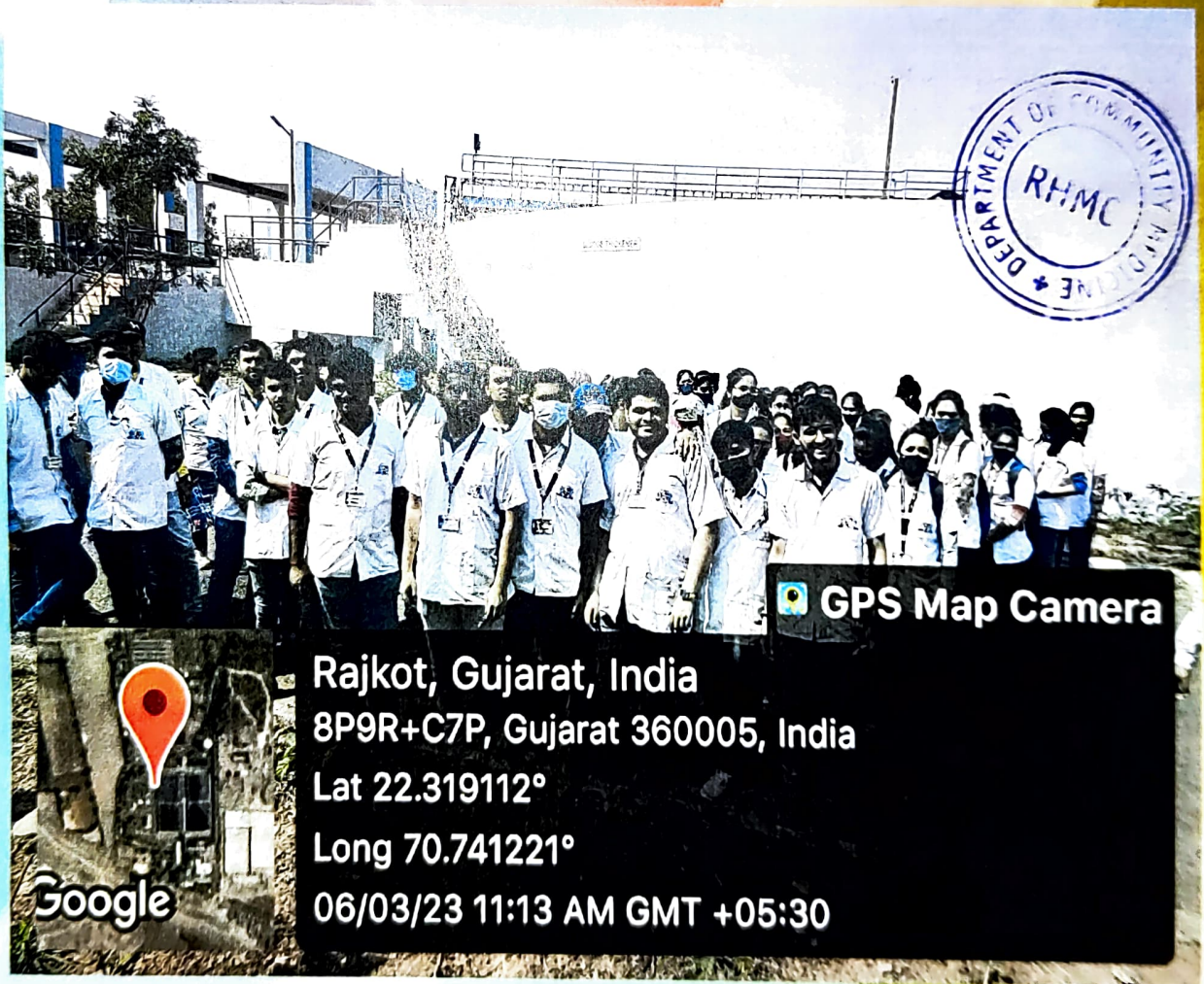
OUTCOME OF SEWAGE TREATMENT

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 & also for heating and lightning purpose.

Fertiliser : Dried sludge is used as natural fertiliser.





GPS Map Camera

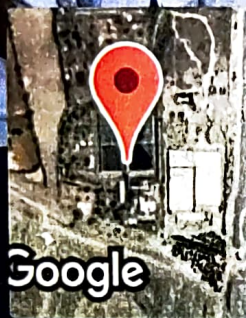
Rajkot, Gujarat, India

8P9R+C7P, Rajkot, Gujarat 360005, India

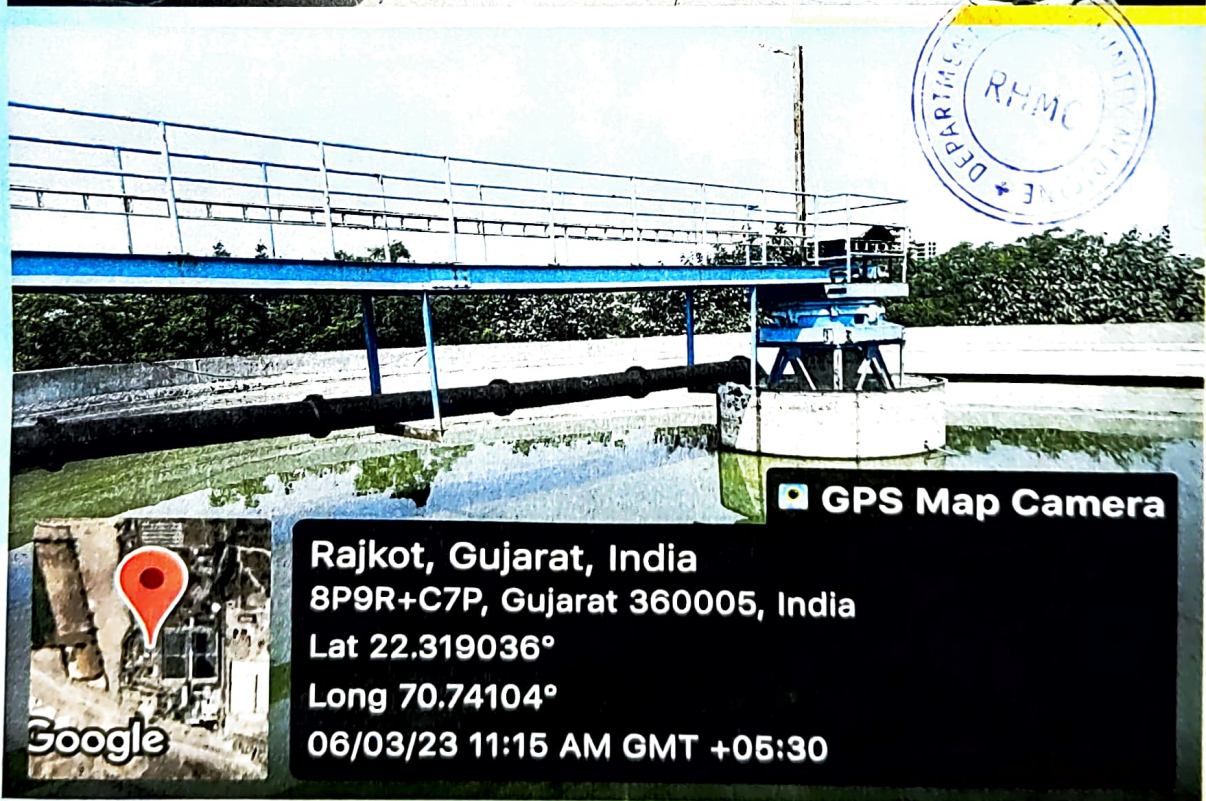
Lat 22.319036°

Long 70.74104°

06/03/23 11:15 AM GMT +05:30



Google



GPS Map Camera

Rajkot, Gujarat, India

8P9R+C7P, Gujarat 360005, India

Lat 22.319036°

Long 70.74104°

06/03/23 11:15 AM GMT +05:30



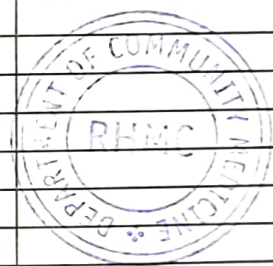
Google

Parul University
Rajkot Homoeopathic Medical College, Rajkot
Department of Community Medicine

Sub. : Academic Visit to Sewage Treatment Plant

Date: 06/03/2023

No	Name	Signature	Remarks
1	Adesara Kishan D.		
2	Bagathariya Vandit K.		
3	Balar Kabhi U.		
4	Behruni Mohd Daniyal G		
5	Bhalara Mona M.		
6	Bhatti Abhishek B.		
7	Bhuva Sara S.		
8	Busa Yash J.		
9	Chauhan Bhagirath D.		
10	Chauhan Dhara H.		
11	Chauhan Parth G.		
12	Chavda Disha K.		
13	Chavda Krishna A.		
14	Chavda Mihir S.		
15	Chavda Vishva M.		
16	Chhayani Dhara A.		
17	Choksi Saurin Y.		
18	Chopda Mitesh V.		
19	Dadhania Dency J.		
20	Dangariya Bhadraxi B.		
21	Dhakhada Bhavdip R.		
22	Dharaviya Rashmika J.		
23	Dodiya Harpal V.		
24	Dodiya Shitalben K.		
25	Domadiya Dhruvi H.		
26	Fachara Mitesha D.		
27	Fefar Aarzoo M.		
28	Gadara Anjani C.		
29	Gadara Nishita J.		
30	Gajera Shruti B.		
31	Garsondiya Sujeetkumar D.		
32	Gohil Prerna R.		
33	Gol Priyanshi H.		
34	Gunchala Hetvi D.		
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44	Khaliyani Aiman A.		
45	Khandar Ravi C.		
46	Kotila Darshanaben N.		
47	Koyani Isha L.		
48	Limbasiya Harsh K.		
49	Limbasiya Ruchi H.		
50	Majithiya Jinal S.		
51	Makwana Milan R.		
52	Malaviya Grishma A.		
53	Malaviya Krutisha P.		
54	Mansuri Alfina Z.		
55	Mithiya Neel P.		
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58	Nagvadiya Shraddha D.		
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65	Parmar Rahul L.		
66	Patel Dipankumar S.		
67	Pathan Hafsabanu S.		
68	Patiwala Vidhi J.		
69	Rajgor Hency J.		
70	Ramani Dhruvisha N.		
71	Ramani Rutvik V.		
72	Rathod Charmi V.		
73	Rathod Mamtaben R.		
74	Sakhiya Ishita M.		
75	Samani Pooja B.		
76	Sanandiya Charmi S.		
77	Sanchaniya Pallavi V.		
78	Sanghani Bansi J.		
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101	Kakkad Priyal Jitendrabhai		
102	Khambhala Kalpeshkumar B		
103	Momin Mahammad Sajid		
104	Momin Mahammad Samir		
105	Zakhra Varis K.		

800
Department of
Community Medicine



Parul University
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90	Tapariya Simaranbaben H.	<i>Simaran</i>	
91	Tarbundiya Arunbhai R.		
92	Thummar Krupali M.	<i>Krupali</i>	
93	Trivedi Foram R.	<i>Foram</i>	
94	Vachhani Ruchi Y.	<i>Ruchi</i>	
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100	Jethva Saeed Safibhai	<i>Saeed</i>	
101	Kakkad Priyal Jitendrabhai	<i>Priyal</i>	
102	Khambhala Kalpeshkumar B		
103	Momin Mahammad Sajid		
104	Momin Mahammad Samir		
105	Zakhra Varis K.	<i>Varis</i>	


 Date 6/3/23
 HOD
 Department of
 Community Medicine



ડૉ. અલ્પેશ મોરઝરીયા

સભ્ય-સ્ટેન્ડિંગ કમિટી (પ્રજાપતિ)
કોર્પોરેટર વોર્ડ નં. ૧

☎ : મોબાઈલ : ૮૬૯૦૯ ૦૭૦૮૯
૯૮૨૪૨ ૪૭૮૮૧

રાજકોટ મહાનગરપાલિકા

ડૉ. આંબેડકર ભવન,
દેબરભાઈ રોડ, રાજકોટ - ૧.



તા. ૦૭ / ૦૩ / ૨૦૨૩

CERTIFICATE

To Whom It May Concern

This is to certify that total 105 students of 4th B.H.M.S. of Rajkot Homoeopathic Medical College, Parul University Department of Community Medicine had visited Sewage Treatment Plant Raiya Road, Saurashtra University Campus, Munjka, Rajkot on dated 06-03- 2023.

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

A. m. malani
09/03/23.
કોર્પોરેટરશ્રી, વોર્ડ નં. ૧
રાજકોટ મહાનગરપાલિકા