

DATE: 02-MAY-2025

CERTIFICATE

TO : WHOM IT MAY CONCERN

This is to certify that total 80 students of 4th year BHMS(2025- 2026). of Rajkot Homoeopathic Medical College, Parul University, had visited MAPS Granito Pvt. Ltd, Morbi on dated 02 -05-2025 , under the guidance of Department of Community Medicine.

Prof(Dr) Anup Kumar Das,HOD, Dept. of Community Medicine, Assistant Professor Dr Hasti Dekivadia,Assistant Professor Dr.Humani Sharma, Department of Community Medicine,and Assistant Professor Dr Urmila Bhargariya and Assistant Professor Dr. Raxit Ramavat accompanied and guided the students during the visit.

MAPS GRANITO PVT. LTD.
[Signature]
AUTHORISE

MAPS GRANITO PRIVATE LIMITED

Survey No. 98-1, At-Unchi Mandal, Halwad Road, Morbi, Gujarat (363642) INDIA
+91 99794 94000 | info@mapsgranito.com | www.mapsgranito.com

**RAJKOT HOMOEOPATHIC MEDICAL COLLEGE
PARUL UNIVERSITY
DEPARTMENT OF COMMUNITY MEDICINE
PROPOSAL LETTER**

DATE: 2/4/2025

To,
The Principal,
Rajkot Homoeopathic Medical College
Parul university
Gujarat



Sub: To arrange an academic visit to any industry

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 4th BHMS (Session- 2025-2026) at any industry for their academic purposes. So, in this regard Department of Community medicine is seeking your permission to conduct an Academic visit to any industry at Morbi, Gujarat, which will be convenient for our students, preferably in the month of April 2025.

Your kind co-operation is highly solicited.

Thanking you,

Your's faithfully

Uam 2/4/25

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

Department of Community Medicine

HOD

Department of
Community Medicine

Seen J
2/4/25



Parul[®]
University

RAJKOT HOMOEOPATHIC MEDICAL COLLEGE
PARUL UNIVERSITY
DEPARTMENT OF COMMUNITY MEDICINE
PERMISSION LETTER



DATE: 7/4/2025

To,
The Managing director
Maps Granito Pvt. Ltd.
Morbi, Gujarat

Sub: To arrange an Academic Visit to your esteemed industry.

Respected sir,

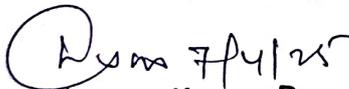
As per the curriculum by the National Commission for Homoeopathy (Government of India), it is mandatory to arrange an academic visit for the students of 4th BHMS (Session- 2025-2026) at any industry for their academic purposes. So, in this regard Department of Community Medicine is seeking your permission to conduct an Academic visit to Maps Granito Pvt. Ltd. Industry at Morbi, Gujarat, at any convenient date to you, preferably in the month of April 2025. Our students are eagerly waiting to visit your esteemed industry.

Your kind co-operation is highly solicited.

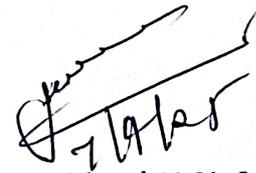
Thanking you,

Your's faithfully,




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

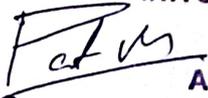
Department of Community Medicine
HOD
Department of
Community Medicine


Prof (Dr.) H.N. Mehta
Principal

Rajkot Homoeopathic Medical college
PRINCIPAL
RAJKOT HOMOEOPATHIC MEDICAL COLLEGE
RAJKOT.

Visit Permitted on Dated
2/5/2025

MAPS GRANITO PVT. LTD.


AUTHORISE

0281 2361372

rhmc@paruluniversity.ac.in

Gondal Road, Rajkot - 360002, Gujarat, India

www.paruluniversity.ac.in

PARUL UNIVERSITY
RAJKOT HOMOEOPATHIC MEDICAL COLLEGE
DEPARTMENT OF COMMUNITY MEDICINE

Date - 30/4/2025

CIRCULAR

All the students of^{4th}..... BHMS are hereby informed that Department of Community Medicine has organized an academic visit to ..MAPS... Granito...
.....industry..... On21/5/2025.....

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



D. K. 30/4/25
H.O.D.

Department of Community Medicine.
HOD
Department of
Community Medicine



**A REPORT ON VISIT TO
MAPS GRANITO PVT.LTD**



03/05/25
PRINCIPAL

RAJKOT HOMOEOPATHIC MEDICAL COLLEGE
RAJKOT.

At Morbi , Gujarat
On 02/05/2025.

Das 03-05.2025
HOD

Department of
Community Medicine

ORGANISED BY:

DEPARTMENT OF COMMUNITY MEDICINE

GUIDED BY :

DR. ANUP KUMAR DAS (HOD)
DR. KALPESH DALSANIYA
DR. HUMANI SHARMA
DR. HASTI DEKEVADIYA

PREPARED BY :

MIHIR VISAPARA
ROLL NO. : 85
4th BHMS (2025-2026)

PLACE OF VISIT :-

MAPS GRANITO Pvt Ltd Morbi, Gujarat - 363641

DATE OF VISIT :

2/05/2025

OBJECTIVES OF VISIT

To understand the role of different industries in prevention and control of **INDUSTRIAL HAZARDS**.

To understand the ongoing strategies and programmes for prevention and control of **INDUSTRIAL HAZARDS**.

To understand the epidemiology of the **INDUSTRIAL HAZARDS**.

To understand the impact of hazard created by industries in community.

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CLASSIFICATION OF OCCUPATIONAL DISEASES:

1. Diseases due to physical agents

- (1) Heat : Heat hyperpyrexia, heat exhaustion, heat syncope, heat cramps, burns and local effects such as prickly heat.
- (2) Cold : Trench foot, frost bite, chilblains
- (3) Light : Occupational cataract, miner's nystagmus
- (4) Pressure : Caisson disease, air embolism, blast (explosion)
- (5) Noise : Occupational deafness
- (6) Radiation : Cancer, leukaemia, aplastic anaemia, pancytopenia
- (7) Mechanical : Injuries, accidents factors
- (8) Electricity : Burns.

II. Diseases due to chemical agents

2. Gases: CO₂, CO, HCN, CS₂, NH₃, N₂, H₂S, HCl,

(2) Dusts (Pneumoconiosis)

(i) Inorganic dusts :

(a) Coal dust: Anthracosis

(b) Silica: Silicosis

(c) Asbestos: Asbestosis , cancer lung

(d) Iron: Siderosis

(ii) Organic (vegetable) dusts:

(a) Cane fibre: Bagassosis

(b) Cotton dust: Byssinosis

(c) Tobacco: Tobacossis

(d) Hay or grain dust: Farmers' lung

(3) Metals and their compounds: Toxic hazards from lead, mercury, cadmium, manganese, beryllium, arsenic, chromium etc.

(4) Chemicals : Acids, alkalies, pesticides

(5) Solvents : Carbon bisulphide, benzene, trichloroethylene, chloroform, etc.

III. Diseases due to biological agents Brucellosis, leptospirosis, anthrax, actinomycosis, hydatidosis, tetanus, encephalitis, fungal infections, etc.

IV. Occupational cancers Cancer of skin, lungs, bladder. V.

Occupational dermatosis Dermatitis, eczema.

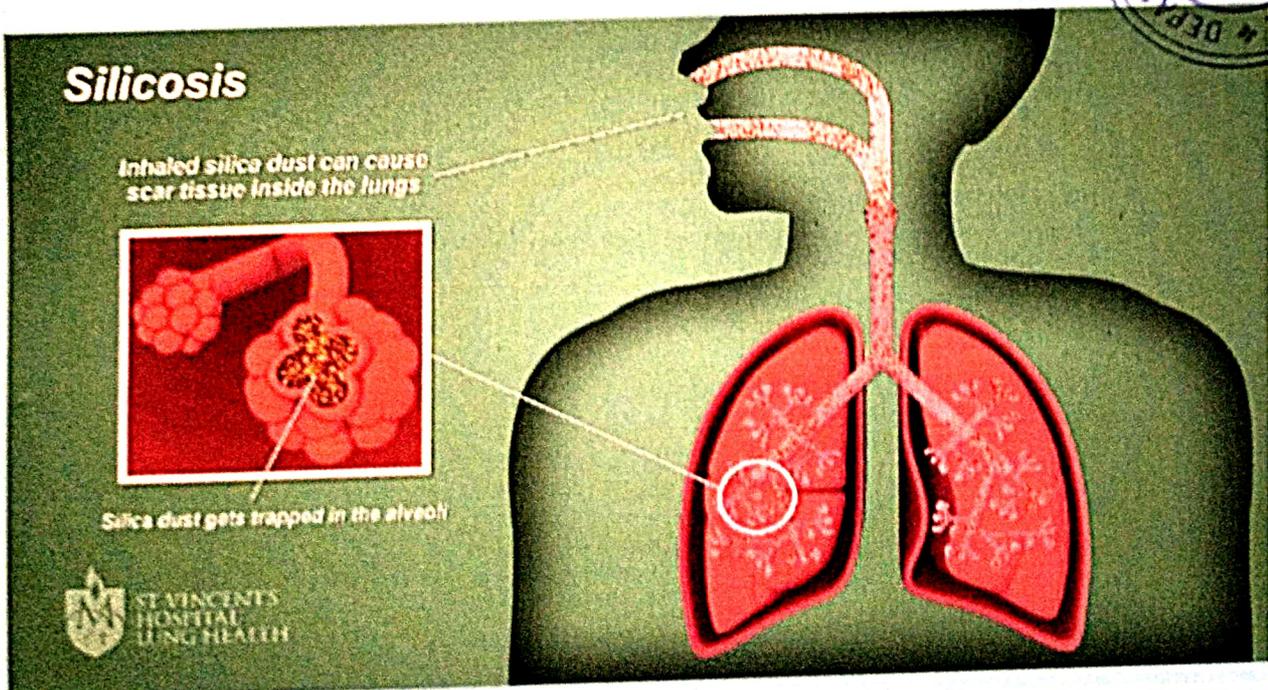
VI. Diseases of psychological origin Industrial neurosis, hypertension, peptic ulcer, etc.



WHAT IS SILICOSIS?

- The term silicosis is reserved for the lung disorder caused by inhalation of free silica, which is an untreatable progressive disease and is the commonest and most widespread of all occupational diseases.

- Exposure to large amount of free silica can pass unnoticed because, silica is odorless, non-irritant and does not cause any immediate noticeable effect and hence is confused with ordinary dust.
- Pneumoconiosis is resulting from exposure to free silica may be the commonest and most extensively studied occupational disease of the lung and even today, it continues to be among the most serious occupational diseases. The problem of silicosis is confined not only to the developing nations, but is also not uncommon in industrialized nations.
- NIOSH has said, "Silica is not just dust but it is dangerous dust". Silicosis increases the risk of contracting Tuberculosis and possibility of developing lung cancer in the future. Silicosis is strongly associated with scleroderma and rheumatoid arthritis.



CLINICAL FEATURES OF SILICOSIS

Chest pain
Cough, typically dry & persistent & some times severe
Cyanosis
Difficulty in breathing
Fatigue
Dyspnea
Cor pulmonale
Tachypnoea
Loss of appetite & Weight loss
Gradual dark shallow ridges in nail that may eventually lead to cracks as protein fibers within nail bed are destroyed
Fever



Chronic /Classical silicosis

Most common
20 or more years of exposure

Presence of silicotic nodules

Hallmark

Silicotic nodules develop in the hilar lymph nodes & calcify

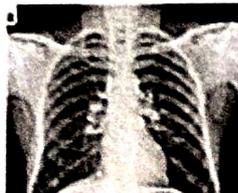
Disease progresses to fibrosis of the upper lobe

Accelerated Silicosis

Heavy exposure for 5 to 10 years

Presence of silicotic nodules

@VijayPatho



<http://dx.doi.org/10.1136/bcr-2013-200362>

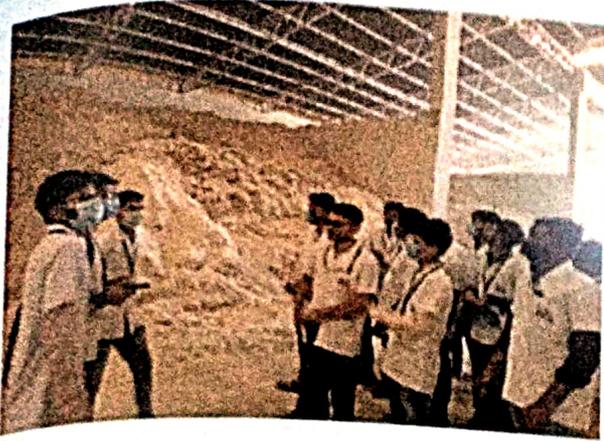
Acute Silicosis

heavy exposure over a short period to high levels of silica of small particle size.

silicotic nodules poorly formed or absent

Mimic pulmonary alveolar proteinosis

MANUFACTURING PROCESS PHASES FOR TILES



1. RAW MATERIAL STORAGE

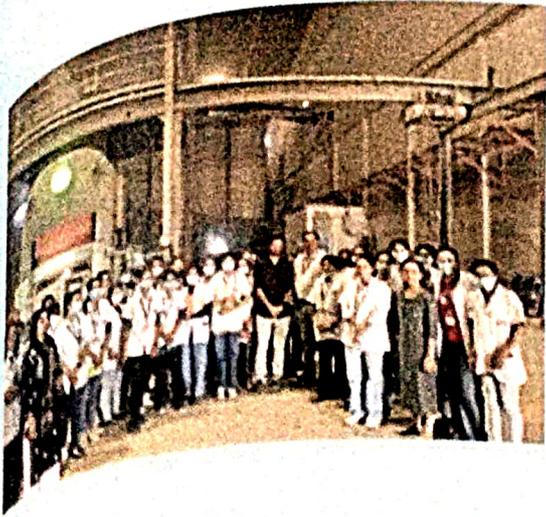
2. RAW MATERIALS WEIGHTING



3. RAW MATERIAL GRINDING

4. SPRAY DRYING





5. SPRAY DRIED POWDER PRESSING

6. DESIGN PRINTING



7. POLISHING LINE

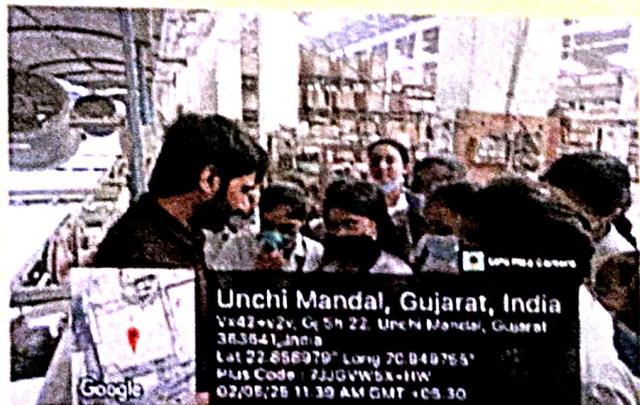
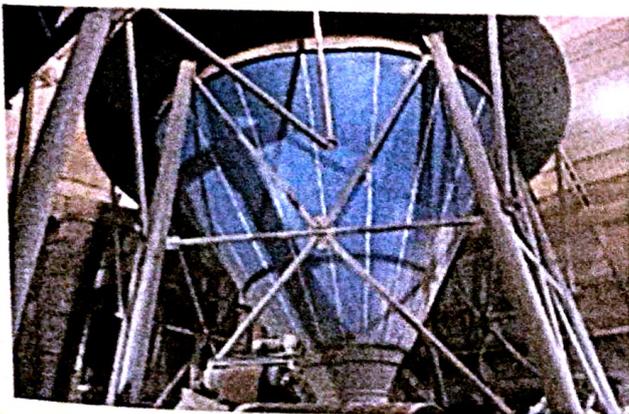


8. SORTING AND PACKING



Epidemiological studies on silicosis in India

- There are very few epidemiological studies on silicosis in India where the prevalence of silicosis varies from 3.5% in ordnance factory to 54.6% in slate pencil industry.
- The varying prevalence in various sectors is attributed to the silica concentration in the work environment and duration of exposure to Silica.
- It is probably economic compulsions that the workers choose to work in hazardous environments and are subjected to exploitation.
- Considering the huge population employed in mines, surface industries and unorganized sector that are at risk of silica exposure, it can be presumed on the basis of available studies that several hundred thousand workers in India suffer from silicosis.



CONTROL AND PREVENTION OF OCCUPATIONAL HAZARDS

- The various measures for the prevention of occupational diseases may be grouped under 3 headings:

1. MEDICAL MEASURES

2. ENGINEERING MEASURES

3. STATUTORY OR LEGISLATIVE MEASURES

4. MEDICAL MEASURES:

- Pre Placement Examination
- Periodicals Examination
- Medical And Health Care Services
- Notification
- Supervision Of Working Environment
- Maintenance And Analysis Of Records
- Health Education And Counseling



2. ENGINEERING MEASURES:

- Design Of Building
- Good House-keeping
- General ventilation
- Mechanization
- Substitution
- Dusts
- Enclosure
- Isolation
- Local Exhaust Ventilation
- Protective Devices
- Environmental Monitoring
- Statistical Monitoring
- Research

3. STATUTAORY OR LEGISLATIVE MEASURES

- The worker cannot be permitted to endanger his life and limb in an occupation, while the employer makes a fortune. Factory laws, therefore, have been framed in every country to govern the conditions in industry and to safeguard the health and welfare of the worker. The most important factory laws in India today are:

1. The Factories Act, 1948

- The Factories Act, 1948 provides safeguard for workers to protect health, provides for safety at the workplace when dealing with machinery, improves the physical conditions of the workplace, and provides welfare amenities.

2. The Employees' State Insurance Act, 1948

- Its main aim is to provide for compensation to certain employees and their dependents for employment injuries. The ESI Corporation under this Act plays a very important role in this regard. It is responsible for regulating employers' contribution, paying compensation, ensuring compliances, etc.





Parul®
University



Date – 03-05-2025

To,
The Directors
Mr. Jayanti Bhai Kotadiya, Mr. Rupesh Bhai Kotadiya,
Mr. Ankit Saradva, Mr. Krunal Kotadiya,
Mr. Mansukh Bhai Saradva,
MAPS Granito Pvt. Ltd.
Survey No 98-1, At- Unchi Mandal, Halwad Road
Morbi, Gujarat – 363642.
Dear Sir,



We wanted to express our sincere gratitude for allowing our students to visit your facility MAPS Granito Pvt. Ltd. On date 2nd May 2025. The academic visit was a huge success and we truly appreciate your support in providing our students with a valuable learning experience.

The visit gave our students a unique opportunity to gain hands – on experience and insight into the industry, which will greatly benefit their academic and professional pursuits. We were particularly impressed by industrial hazards and their prevention in medical practices, which sparked great interest and enthusiasm among our students.

Please extend our thanks to your staff and employees who contributed to the visit's success. Your hospitality and generosity are truly appreciated.

Thank you again for your support and contribution to our student's education.

Your sincerely

Das 03-05-2025
Prof (Dr) Anup Kumar Das.

HOD

Department of Community Medicine.

HOD

Department of
Community Medicine

Prof (Dr) Hitarth N. Mehta.

Principal

Rajkot Homoeopathic Medical College.

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Faculty of Homoeopathy



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Rajkot Homoeopathic Medical College, Rajkot

Parul University

Dept. : Community Medicine

Sub: Academic Visit to Maps Granito Pvt. Ltd.

4th (Jr.) BHMS

Date: 02-05-2025

No	Name	Signature	Remark
1	Ajani Vishakha Rajeshbhai		
2	Ardeshna Nirali Kalpeshbhai		
3	Bavaliya Isha Vipulbhai		
4	Bhalodiya Divyata Kiritbhai	AB	
5	Bhatti Deep Mineshbhai		
6	Bhensadadiya Vrunda Rajeshbhai		
7	Bhetaniya Karan Ramshibhai		
8	Bhuva Khushi Ashokbhai		
9	Boghara Akshit Hareshbhai		
10	Busa Naisargi Sanjaybhai		
11	Chaudhari Sohangiben Anilbhai	AB	
12	Chauhan Lalji Punabhai		
13	Chauhan Monika Narayanbhai	AB	
14	Chauhan Vishvrajsinh Arvindsinh		
15	Chavda Hardik Maheshbhai		
16	Chavda Mansiben pankajbhai		
17	Chhayani Vishna Sureshbhai		
18	Damor Laxmiben Dineshbhai	AB	
19	Dela Munir Rajakbhai		
20	Desai Vishal Manjibhai	AB	
21	Dharaviya Monika Jasabhai		
22	Dikhit Ravikumar Rajansinh		
23	Doshi Krina Mayurbhai		
24	Gadara Viren Kamleshbhai		
25	Gadhiya Shruti Maganbhai		
26	Gadhvi Dev Aidan		
27	Galani Jenisha Sureshbhai		
28	Garasiya Miteshkumar Maganlal	AB	
29	Geda Divyesh Narendrabhai	AB	
30	Geniya Nidhi Manojbhai		
31	Gevariya Arpit Sanjaybhai	Genivya A.S.	
32	Gohel Pratik Lalitkumar		
33	Goswami Darshangi Maheshgiri		
34	Gumasana Janki Sanjaybhai		
35	Hadiyal Ankita Jagdishbhai		
36	Hariyani Bipin Ishwarbhai	AB	
37	Harsora Krishna Vijaybhai		
38	Hirapara Krushita Jentibhai		
39	Humbal Mansi Atulbhai		
40	Jadeja Chhatrapalsinh N.		
41	Jariya Darshna Natvarbhai		
42	Jinjala Payal Jivrajbhai		
43	Joshi Mansi Jayeshbhai		
44	Kaliya Falguni Hardevbhai	AB	
45	Kamaliya Kavita Vallabhbhai		
46	Kanzariya Poojaben Dineshbhai		

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Community Medicine

Rajkot Homoeopathic Medical College, Rajkot
Parul University

Dept.: Community Medicine
4th (Jr.) BHMS

Sub.: Academic Visit to Maps Granito Pvt. Ltd.
Date: 02-05-2025

No	Name	Signature	Remark
1	Ajani Vishakha Rajeshbhai		
2	Ardeshta Nirali Kalpeshbhai		
3	Bavaliya Isha Vipulbhai		
4	Bhalodiya Divyata Kiritbhai	AB	
5	Bhatti Deep Mineshbhai	Deep	
6	Bhensadadiya Vrunda Rajeshbhai	Vrunda	
7	Bhetariya Karan Ramshibhai		
8	Bhuva Khushi Ashokbhai		
9	Boghara Akshit Hareshbhai		
10	Busa Naisargi Sanjaybhai		
11	Chaudhari Sohangiben Anilbhai	Ab	
12	Chauhan Lalji Punabhai	Lalji	
13	Chauhan Monika Narayanbhai	Ab	
14	Chauhan Vishvrajsinh Arvindsinh	Vishvrajsinh	
15	Chavda Hardik Maheshbhai	Hardik	
16	Chavda Mansiben pankajbhai		
17	Chhayani Vishna Sureshbhai	Vishna	
18	Damor Laxmiben Dineshbhai	Ab	
19	Dela Munir Rajakbhai		
20	Desai Vishal Manjibhai	Ab	
21	Dharaviya Monika Jasabhai		
22	Dikhit Ravikumar Rajansinh		
23	Doshi Krina Mayurbhai		
24	Gadara Viren Kamleshbhai		
25	Gadhiya Shruti Maganbhai		
26	Gadhvi Dev Aidan	Dev	
27	Galani Jenisha Sureshbhai		
28	Garasiya Miteshkumar Maganlal	Ab	
29	Geda Divyesh Narendrabhai		
30	Geriya Nidhi Manojbhai	Ab	
31	Gevariya Arpit Sanjaybhai	gevariya Arpit	
32	Gohel Pratik Lalitkumar HMC	Pratik	
33	Goswami Darshangiri Maheshgiri	Das	
34	Gumasana Janki Sanjaybhai		
35	Hadiyal Ankita Jagdishbhai	Ab	
36	Hariyani Bipin Ishwarbhai		
37	Harsora Krisha Vijaybhai	Ab	
38	Hirapara Krushita Jentibhai		
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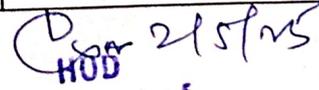


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D. G. 4/5/25
HOD
Department of
Community Medicine

Name	Signature	Remark
49	Katariya Krinal Hareshbhai	
50	Katrodiya Jatin Karsanbhai	
50	Ladumor Abhay Nagjibhai	
51	Ladumor Urvashiben Dineshbhai	
52	Lalkiya Aasta Bhikhubhai	
53	Limbasiya Dixit Jagdishbhai	
54	Limbasiya Hetvi Arvinbhai	
55	Makwana Paril Nileshbhai	
56	Malani Ayush Bipinbhai	
57	Maradiya Anjani Gautambhai	
58	Mehta Aayushi Ghanshyam	
59	Merani Vishal Ashvinbhai	
60	Mogal Faizal Javedbhai	
61	Mungara Dhruvil Ashvinbhai	
62	Nimavat Pallavi Kiritbhai	
63	Pansuriya Ritika Manojbhai	
64	Parmar Ishita Govindbhai	
65	Parmar Omkesh Bhikhabhai	
66	Parmar Prarthna Kalpeshbhai	
67	Parmar Urvikumar Vibhuvanbhai	
68	Patel Devika Satishbhai	
69	Patel Vrund Mahendrabhai	
70	Pathak Hetvi Jayeshbhai	
71	Patvana Komal Nileshbhai	
72	Pipaliya Shruti Manishbhai	
73	Pipalva Rutika Jayeshbhai	
74	Rathod Geetaben Bhupatbhai	
75	Rathod Hiren Anilbhai	
76	Rathod Pruthvirajsinh Samatsinh	
77	Rathod Sagar Kathdabhai	
78	Rathod Shailee Nayanbhai	
79	Sakhiya Shruti Jayeshbhai	
80	Sanghani Ridham Dipakbhai	
81	Saresa Deepali Vijaybhai	
82	Solanki Anjali Bharatbhai	
83	Solanki Shivangi Maidebhai	
84	Sorathiya Isha Manishbhai	
85	Tarapada Darshita Bharatbhai	
86	Timbadiya Swati Bhaveshbhai	
87	Umraniya Himanshu Rohit	
88	Umretiya Aevanshi Narendrabhai	
89	Undhad Jay Kamleshbhai	
90	Vadoliya Divyesh Maheshbhai	
91	Vaishnav Vishva Mehulbhai	
92	Vekariya Dipal Hareshbhai	
93	Vekariya Pratik Kanubhai	
94	Vekaria Komal Vimalbhai	
95	Vidja Vivekkumar Hareshbhai	
96	Visapara Mihir Jitendrabhai	
97	Wadhar Dhruvi Mukulbhai	




HOD
 Department of
 Community Medicine