




# RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH

Managed by : GDR Educational Society

AN INITIATIVE BY SANJAY RUNGTA

**1.3.4: Percentage of students undertaking field visits/Clinical / industry internships/research projects/industry visits/community postings (data for the preceding academic year)**

DESCRIPTION	LINK
<b>Scanned copy of filed visit report with list of students duly attested by the Head of the institution to be provided</b>	<a href="#"><b>CLICK HERE</b> </a>

**1.3.4 Percentage of students undertaking field visits/Clinical / industry internships/research projects/industry visits/ community postings (data for the preceding academic year).**

## INDEX

S.NO	DESCRIPTION	PAGE NUMBER
1	Certificate of the Head of the Institution	02
2	Scanned Copy of Filed Visit Report with List of Students	04
3	Preceding Academic Year (2021-22)	



# RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH

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## CERTIFICATE OF THE HEAD OF INSTITUTION

**Dr.Karthik Krishna M, M.D.S.,**

**DEAN**

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that, the total numbers of students undertaking field visits/Clinical / industry internships/research projects/industry visits/community postings for the preceding academic year, details are given bellow:

Total numbers of students undertaking field visits/Clinical / industry internships/research projects/industry visits/community postings	Preceding Year
406	2021-22



  
**DEAN**

DEAN  
Rungta College of Dental Science & Research  
Kohka Road, Kurud, Bhilai (C.G.)



# RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH

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**SCANNED COPY OF FIELD VISIT REPORT WITH LIST  
OF STUDENTS**



# RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH

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**PRECEDING ACADEMIC YEAR (2021-22)**



# RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH

Managed by : GDR Educational Society

AN INITIATIVE BY SANJAY RUNGTA

Ref. No./RCDSR/D.O/Admin./2022/ 275A-1

Date: 01/06/2022

## CIRCULAR

This is to inform all HODs of all the departments that Rungta College of Dental Sciences & Research, Bhilai is organizing a field Visit to 77 mld water treatment plant, Nagar Palik Nigam, Durg, C.G. for the BDS final year students on 04.06.2022 from 10:00 AM, as a part of their academic field Visit.

It is hereby directed to the concerned faculty/in charge to kindly relieve the students from their respective departments for the above-mentioned visit from 10:00 am.

**Event coordinator-Dr. Ram Tiwari**

  
Dr. Karthik Krishna M.

Dean

Copy to:

1. HOD/Incharges of all departments.
2. Chairman Sir (For information).
3. Coordinator – College Administration
4. Student Notice Board.
5. Office Copy

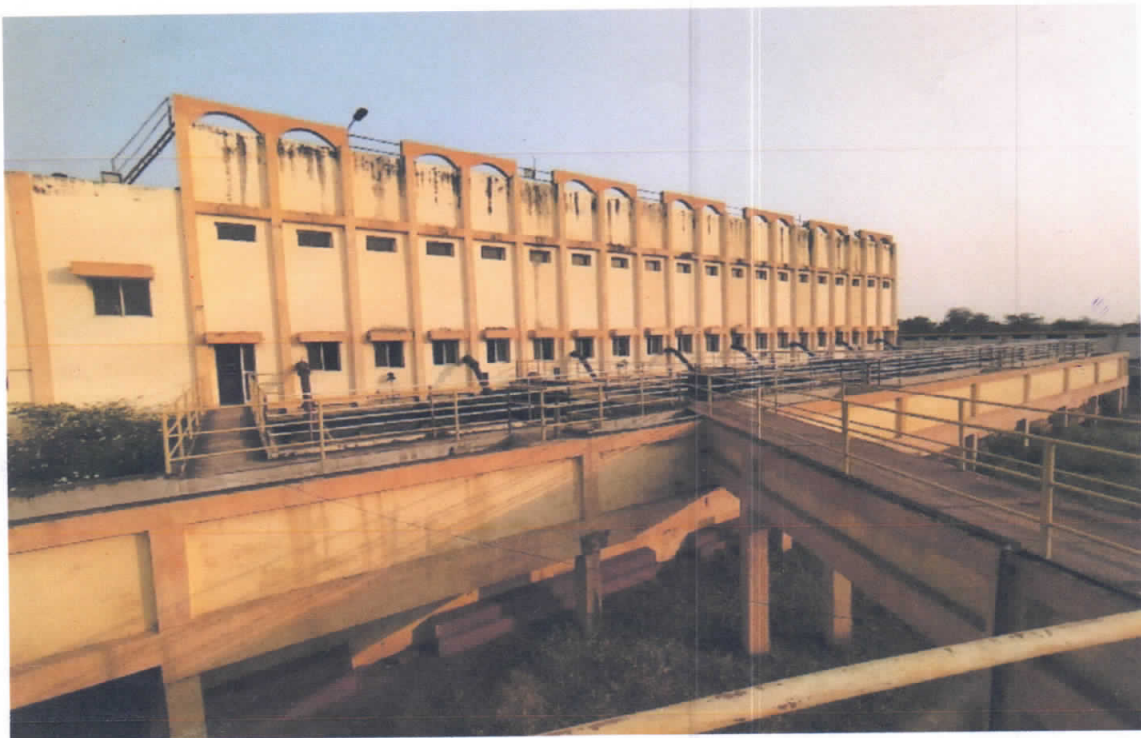


  
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Kohka Road, Kurud, Bhilai (C.G.)

### A report on

### "Visit at Water Treatment Plant"

On 4<sup>th</sup> June, 2022 at 10:30 a.m. we, the students of Rungta College of Dental Sciences and Research Final year BDS visited 77 MLD Water Treatment Plant, Durg as a part of academic field activity, Public Health Dentistry. Ninty two final year students joined the visit under the guidance of Dr. Ram Tiwari.



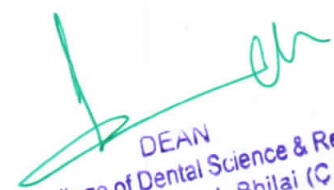
Water treatment plant

At starting, the officer gave the basic knowledge about treatment process. He explained well about the structure and working of the water purification plant.

The students were then divided into two groups of 35 and 34 students and were led by two officers for better demonstration and understanding.

The officers then gave us a tour of the water treatment plant and explained about each step of the process.



  
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Water plays a very important rôle in human life, whether for daily routine purpose or human health. This field visit gave us the knowledge about the quality of water since it may affect the human health especially.

We got the knowledge that the plant receives raw water from Shivnath river, Durg and also about further steps of treatment i.e. coagulation, rapid mixing, flocculation, sedimentation, filtration, backwashing, disinfection and distribution.

## STEP-1: COLLECTION-

The raw water which is supplied to the water treatment plant comes from Shivnath river, Durg. Water flows through 1200mm diameter pipe to the water treatment plant.

Since, water flows underground; the oxygen content reduces in water. So, aeration fountain is present as natural aerator.



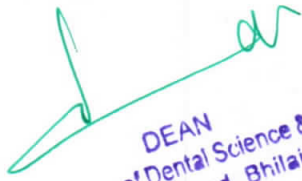
Collection of water

## STEP-2: COAGULATION-

The raw water is then treated with chemical coagulant alum.

The dose of alum varies depending upon the turbidity, colour, temperature and pH of the water.



  
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### STEP-3: RAPID MIXING-

Treated water is then subjected to violent agitation in a mixing chamber for a few minutes.

Chlorine is also added to water for pre-chlorination process in which bacteria is killed in water.

### STEP-4: FLOCCULATION-

This phase involves a slow and gentle stirring of the treated water in a flocculation chamber. This causes the formation of thick copious white flocculent precipitate.

### STEP-5: SEDIMENTATION-

Next, the water flows into sedimentation tank where the heavy floc particles sink to the bottom and are removed.



Sedimentation

### STEP-6: FILTRATION-

Now, the water travels through large rapid sand filters made of sand gravel. Filtration removes any remaining microscopic particles and microorganisms.

### STEP-7: BACKWASHING-

This is done by reversing the flow of water through the sand bed.



*Sanjay Rungta*  
DEAN  
College of Dental Sciences & Research  
Surat, Gujarat



Backwashing

## STEP-8: DISINFECTION-

Finally, the water is disinfected to protect it against bacteria, the process used is chlorination.

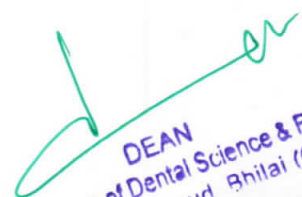


Disinfection of water

## STEP-9: DISTRIBUTION-

The clean water is then distributed to various parts of the city.



  
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Rungta College of Dental Science & Research  
Kohka Road, Kurud Bhalai (C.G.)

## CONCLUSION-

From this visit, we get the information and practical knowledge about the treatment of raw water and components used in treatment plant and got the knowledge about detailed process of filtration.



Group photo of students attended the field visit

## List of students attended the field visit

1	AASTHA
2	ABHISHEK RATH
3	AISHWARYA TIWARI
4	AKANSHA
5	AMLAN JYOTI MISHRA
6	ANANYA SINGH
7	ANANYA TALMALE
8	ANJALI JAIN
9	ANUSHKA RATHORE
10	ANUSMITA SAHU
11	ARIJIT GHOSH
12	CHITRA SINGH
13	DAMANPREET KAUR



*(Handwritten signature)*  
DEAN  
Rungta College of Dental Science & Research  
Teharka Road, Kurud, Bhilai (C.G.)




# RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH

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14	DILPREET KAUR GUMBER
15	DIKSHA NAIK
16	GARIMA RANJAN MANI
17	GOPAL RATHI
18	IRAM ZACHARIAH
19	ISHIKA AGRAWAL
20	ISHA KHAN
21	KAUSTAV NANDI
22	KHUSHI PRAKASH DAVE
23	K NIHARIKA RAO
24	K POOJA
25	KRITIKA YADAV
26	LABONI SAMANTA
27	MAHIMA TIWARI
28	MANSI ANIL TAMBADE
29	MAUSAMEE DEWANGAN
30	MUKUL ROHAN MALHOTRA
31	M VISHNU VARDHAN
32	NABEELAH QUAZI
33	NISHA NEHARA
34	NUPOOR PATEL
35	PALASH PURSHOTTAM BHATTAD
36	POOJA AHUJA
37	PRIYAL RAJPUT
38	PRIYAM MUKHERJEE
39	RADHA JINDAL
40	RAM KRISHNA DAS
41	RAMAN JOHN SHRIVSTAVA
42	RITISHA DEBNATH
43	RIYA JAIN
44	SACHI GARG
45	SHAKSHI SHARAN
46	SANDIPAN MONDAL
47	SASWAT PUJAJRI
48	SAYANTINI DEY
49	SHANU KHARYA
50	SHALINI KERKETTA
51	SHALINI SINHA
52	SHEKINAH S J MITTRA
53	SHREYANSHI OJHA
54	SHRUTI SURI
55	SHRUTI AJAY KHANDELWA
56	SHUBHANGI SANTWANI
57	SHWETA SINGH
58	SIMRAN ASHWIN PAREKH



  
DEAN  
Rungta College of Dental Science & Research  
Bhilai




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59	SIWANI KUMARI
60	SKAND SAO
61	SONAL DONGERE
62	SONAM NAYAK
63	SOUMYA CHANDRAKAR
64	SRISHTI DEWANGAN
65	STUTI PANDEY
66	SYED ENTEAAS HUSSAIN
67	VANI VERMA
68	VANSHIKA VASWANI
69	YASHASWINI BHARDWAJ
70	RUMA CHOUDHURY
71	ANUSHKA GROVER
72	ARIJIT CHATTERJEE
73	ARNIT SAXENA
74	BHARTI TIWARI
75	DAMINI KAIWARTYA
76	GAYATRI SAPKAL
77	HARSHIT PASRIJA
78	NIKITA TULI
79	NISHA CHANDRAKAR
80	SANJANA VINOD
81	SAKSHI BALODIYA
82	SOURABH KU SINGH
83	S P RAJNANDINI DASH
84	SUBHAJEET GUHA
85	VINEETA DEWANGAN
86	ANIMESH KU BISWAS
87	FALGUNI GUPTA
88	ANUBHUTI DEWANGAN
89	RIYA CHOUDHURY (DROP)
90	RISHIKA RANI
91	PRIYANKAN MOHKUD
92	PRIYANKA SWAIM



  
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Rungta College of Dental Science & Research  
Plot No. 1, Road, Kurud, Shilapuri, G



# RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH

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AN INITIATIVE BY SANJAY RUNGTA

Ref. No./RCDSR/D.O/Admin./2022 275A-2

Date: 01/06/2022

## CIRCULAR

This is to inform all HODs of all the departments that Rungta College of Dental Sciences & Research, Bhilai is organizing a field Visit to 77 mld water treatment plant, Nagar Palik Nigam, Durg, C.G. for the BDS 3<sup>rd</sup> year students on 10.06.2022 from 10:00 AM, as a part of their academic field Visit.

It is hereby directed to the concerned faculty/in charge to kindly relieve the students from their respective departments for the above-mentioned visit from 10:00 am.

**Event coordinator-Dr. Ram Tiwari**

  
Dr. Karthik Krishna M.

Dean

Copy to:

1. HOD/Incharges of all departments.
2. Chairman Sir (For information).
3. Coordinator – College Administration
4. Student Notice Board.
5. Office Copy



  
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Rungta College of Dental Science & Research  
Kohka Road, Kurud, Bhilai (C.G.)

BDS 3rd YEAR - 2022

## VISIT TO WATER TREATMENT PLANT



**Picture of Water Treatment Plant**


### **Introduction**

On the morning of 10th June 2022, at 9:30 AM we the students of RCDSR 3 year left the college campus to visit T.T.MD Water Treatment Plant, Nagar Palika Nigam, Bhilai C.G.

When we reached there, we were greeted by the Head Incharge of the plant who gave us a detailed briefing of the plant, its mechanism and the importance of water treatment for the environment and public.

We were then divided into 2 groups led by the assistant engineers.



  
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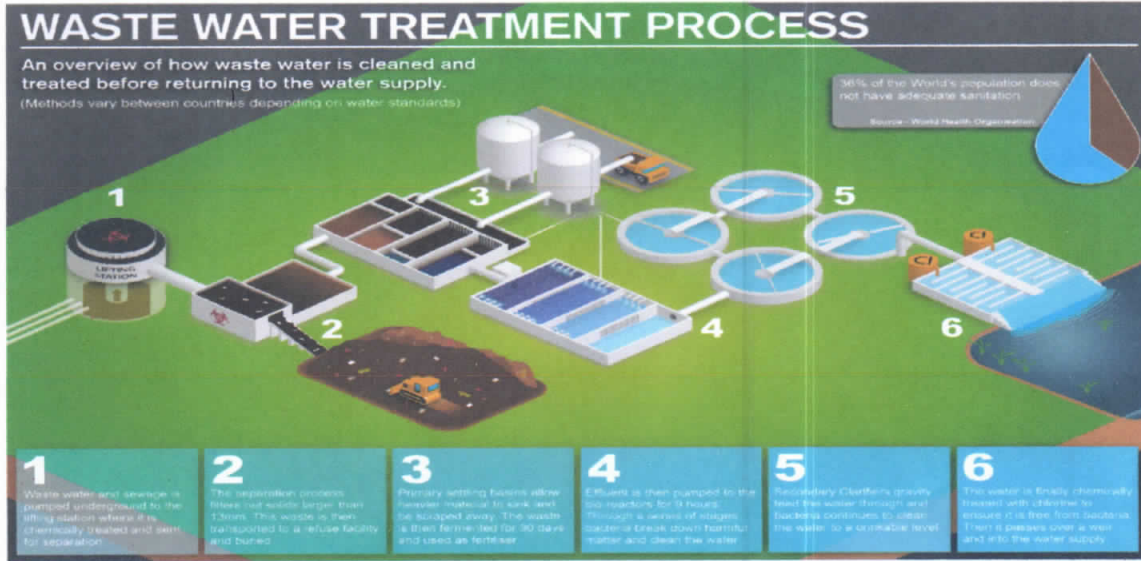
Briefing by the Head Incharge



Group distribution for the Plant Visit



  
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Pictorial diagram of water treatment plant

## STEP 1: COLLECTION

The raw water which is supplied to the water treatment plant comes from **Shivnath River, Durg**. Water flows from pipes with a measurement of 1200mm diameter to the water treatment plant. The capacity of the plant is **77MCD** and supply to the public is **60 MCD/day**.

We first visited the aeration fountain, since water flows underground, the oxygen content reduces in water. So, an aeration fountain is present as a natural aerator.



Collection of water



*Sanjay Rungta*  
DEAN  
Rungta College of Dental Science & Research  
Kohka Road, Kurud, Bhilai (C.G.)

## STEP2: COAGULATION

The raw water is then treated with **chemical coagulant ALUM**. The dose of alum varies depending upon the turbidity, color, temperature and pH of water.

## STEP3: RAPID MIXING

Treated water is then subjected to violent agitation in a mixing chamber for a few minutes. Chlorine is also added to water for the pre-chlorination process in which bacteria is killed in water.



Rapid mixing of water

## STEP4: FLOCCULATION

This process involves a slow and gentle stirring of the treated water within the flocculation chamber. This leads to formation of thick copious white flocculent precipitation  $Al(OH)_3$




Flocculation

## STEP5: SEDIMENTATION

Next, the water flows into a sedimentation tank where the heavy floc particles sink to the bottom and are removed. This process takes 2-6 hrs.



  
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(C.G.)



Sedimentation

## STEP6: FILTRATION

The rate of filtration is 5-15min/m<sup>2</sup>/km. Now the water travels through large rapid sand filters made up of sand gravel. Filtration removes any remaining microscopic particles and microorganisms. Water above the sand bed is 1-1.5m.

The filtered gravel consists of 30-40 cm deep over which 1 m height of sand is present.



Filtration

## STEP7: BACKWASHING

Takes 10-15 min in the process this is done by reversing the flow of water through the sand bed. The water filters from here and moves to a clean water chamber where fluorine is added.



Backwashing

## STEP8: DISINFECTION

Finally the water is disinfected to protect it against bacteria, the process used is chlorination.



Disinfection

## STEP9: DISTRIBUTION

The clean water is then distributed to the various parts of the city.



Distribution

## CONCLUSION:

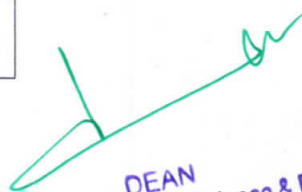
From the visit we understood about the practical real life working of the treatment of raw water and its components used in the treatment plant. And got the knowledge about the detailed process of filtration.



Participants of field visit

## List of students attended the field visit

S. No.	NAME OF STUDENTS
1	AANCHAL AHUJA
2	AISHWARYA JAIN
3	AISHWARYA KODOPI
4	AKANSHA PRIYA
5	AMITA BHASANI
6	ANANYA TRIPATHY
7	ANGELINA PAUL
8	ANJLI GURU
9	ANUBHA DAS
10	ARTI YADAV
11	ARYAN BANKA
12	AYUSH MAHAPATRA
13	AYUSHI PATANWAR
14	CHIRANTAN MISHRA
15	CHITESHREE PARMAR
16	D. VAISHNAVI
17	DEEPALI CHOUDHARY

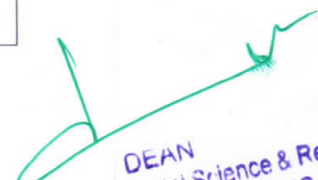


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18	DIVI LEEKHA
19	DIVJYOTI KAUR
20	DIVYA KIRAN
21	DIVYA VERMA
22	ESHA SANGWAN
23	G RAKSHIT TEJA
24	HEMANTH SALADI
25	K A SHRISTI
26	KAIFI TAZMEEN ALI
27	KANU PANDEY
28	KAREENA ARORA
29	KHILENDRA KUMAR SAHU
30	KHUSHBOO AGRAWAL
31	KHUSHI KUMARI
32	MAANSI VISHWAKARMA
33	MAHAK AGRAWAL
34	MANASI PATIL
35	MANOJ NAIK
36	MANSI AGRAWAL
37	MAYUR S RATHI



  
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38	MD. DANISH SALAT
39	MD. FAHAD AKHTAR KHAN
40	MD.AMIN KHAN
41	MOHAN PRAKASH SAHU
42	MUSKAN AGRAWAL
43	MUSKAN BHARTI
44	NEHA AGRAWAL
45	NIDHI EKSARIA
46	NIKITHA KASHYAP
47	NISHIKA THAKKAR
48	NISHTHA AGRAWAL
49	PAKHI
50	PALAK AGRAWAL
51	PIYUSH JOSHI
52	PIYUSH KUMAR MISHRA
53	POOJA SONI
54	PRACHI AGRAWAL
55	PRAGATI KRISHNA PORTE
56	PRATYUSH SHRIVASTAVA
57	PRIYA RAJPUT



  
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58	RAFIA ANJUM
59	RICHA DAS
60	RUKMANI BATRA
61	S. ANJALI RAO
62	SAKSHI DHANANJAY GUNDAWAR
63	SAKSHI NETAM
64	SAKSHI SHARMA
65	SALONI KHADANGA
66	SHAHEEN PARVEEN
67	SANTOSH KUMAR SETHI
68	SARDA AYUSH SANTOSH
69	SAYANI SINGHAROY
70	SHAMBHAVI MISHRA
71	SHAURYA BARANWAL
72	SHIRSHAYAN ROY
73	GADE SHIVANI SUNIL
74	SHREEYA SONI
75	SHRUTI JAIN
76	SHRUTI MAHESHWARI



  
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77	SHRUTI PRIYA
78	SHUBHANGEE SAHU
79	SIMRAN BATRA
80	SMRITI PRIYA
81	SNEHIL SINGH
82	SOURAV BISWAS
83	SUBHADRA RANI MITRA
84	SUBRAT KUMAR JENA
85	SURBHI SINGHANIA
86	TANYA GUPTA
87	TARANNUM NAZ
88	VATSALA SINGH
89	VIANSH AGRAWAL



  
Sanjay Rungta  
Rungta College of Dental Science & Research  
Kohka Road, Kurud, Bhubaneswar (C.G.)

# RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH, BHILAI

Recognised by: DCI New Delhi, Affiliated to: Pt. Deendayal Upadhyay Memorial Health Sciences and Ayush University, Raipur  
Managed by: GDR Educational Society.



Ref. No./RCDSR/D.O/Admin./2022/ 4130 (A)

Date: 15.06.2022

## Completion Certificate

This is to certify that third year and final year BDS students have successfully completed the field visit to 77 MLD water treatment plant at Nagar Palika Nigam, Durg, C.G. on 4<sup>th</sup> June 2022 and 10<sup>th</sup> June 2022 as a part of academic field activity.

Staff coordinator

Dr.Ram Tiwari

Dean,

Rungta College of Dental Sciences

And Research, Bhilai

DEAN

Rungta College of Dental Science & Research  
Kohka Road, Kurud, Bhilai (C.G.)



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Rungta College of Dental Science & Research  
Kohka Road, Kurud, Bhilai (C.G.)

**1.3.4 Percentage of students undertaking field visits/Clinical / industry internships/research projects/industry visits/community postings (data for the preceding academic year).**

## INDEX

S.NO	DESCRIPTION	PAGE NUMBER
1	Certificate of the Head of the Institution	02
2	Community Posting Certificate	04
3	Preceding Academic Year (2021-22)	



# RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH

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## CERTIFICATE OF THE HEAD OF INSTITUTION



# RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH

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**Dr.Karthik Krishna M, M.D.S.,**

**DEAN**

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that, the total numbers of students undertaking field visits/Clinical / industry internships/research projects/industry visits/community postings for the preceding academic year, details are given bellow:

Total numbers of students undertaking field visits/Clinical / industry internships/research projects/industry visits/community postings	Preceding Year
406	2021-22



  
DEAN

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# RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH

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## COMMUNITY POSTING CERTIFICATE



# RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH

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AN INITIATIVE BY SANJAY RUNGTA

**PRECEDING ACADEMIC YEAR (2021-22)**



# RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH

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AN INITIATIVE BY SANJAY RUNGTA

## DEPARTMENT OF PUBLIC HEALTH DENTISTRY, RCDSR

### Jamul Peripheral Centre Posting of Interns

For month of **NOVEMBER 2021**

This is for notice of the under mentioned postings of interns, that posting of Jamul Peripheral Centre for Month of **NOVEMBER 2021** is as follows:

DATE	INTERNS
01/11/2021	Aashu, Abhishek
02/11/2021	Abir, Adarsh
03/11/2021	Akansha, Ambreen
05/11/2021	Anmol, Ankita
08/11/2021	Ann, Anshika
09/11/2021	Anupama, Aparna
10/11/2021	Apeksha, Arushi
11/11/2021	Avinash, Ayemun
12/11/2021	Banhi, Darshan
15/11/2021	Debolina, Disha
16/11/2021	Aashu, Abhishek
17/11/2021	Abir, Adarsh
18/11/2021	Akansha, Ambreen
22/11/2021	Anmol, Ankita
23/11/2021	Ann, Anshika
24/11/2021	Anupama, Aparna
25/11/2021	Apeksha, Arushi
26/11/2021	Avinash, Ayemun
29/11/2021	Banhi, Darshan
30/11/2021	Debolina, Disha

Note: the working hours at the peripheral centre will be as same of the college. The posted Interns are permitted to go directly to Peripheral Centre without reporting to the department on the posting day. Attendance will be compensated on reporting to their respective department on next working day.

01/11/2021, Bhilai

Copy to- All concerned staff, PG students and Interns



DEAN  
Rungta College of Dental Science & Research  
Kohka Road, Kurud, Bhilai (C.G.)

H.O.D./c  
Dept. Of Public Health  
Dentistry

PROFESSOR & HOD  
DEPARTMENT OF PUBLIC HEALTH DENT  
RUNGTA COLLEGE OF DENTAL SCIENCES  
RESEARCH



# RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH

Managed by : GDR Educational Society

AN INITIATIVE BY SANJAY RUNGTA

## DEPARTMENT OF PUBLIC HEALTH DENTISTRY, RCDSR

### Jamul Peripheral Centre Posting of Interns

For month of **DECEMBER 2021**

This is for notice of the under mentioned interns, that posting of Jamul Peripheral Centre for Month of **DECEMBER 2021** is as follows:

DATE	INTERNS
01/12/2021	Aashu, Abhishek
02/12/2021	Abir, Adarsh
03/12/2021	Akansha, Ambreen
06/12/2021	Anmol, Ankita
07/12/2021	Ann, Anshika
08/12/2021	Anupama, Aparna
09/12/2021	Apeksha, Arushi
10/12/2021	Avinash, Ayemun
13/12/2021	Banhi, Darshan
14/12/2021	Debolina, Disha
15/12/2021	Aashu, Abhishek
16/12/2021	Abir, Adarsh
17/12/2021	Akansha, Ambreen
20/12/2021	Anmol, Ankita
21/12/2021	Ann, Anshika
22/12/2021	Anupama, Aparna
23/12/2021	Apeksha, Arushi
24/12/2021	Avinash, Ayemun
27/12/2021	Banhi, Darshan
28/12/2021	Debolina, Disha
29/12/2021	Anmol, Ankita
30/12/2021	Ann, Anshika
31/12/2021	Anupama, Aparna

Note: the working hours at the peripheral centre will be as same of the college. The posted Interns are permitted to go directly to Peripheral Centre without reporting to the department on the posting day. Attendance will be compensated on reporting to their respective department on next working day.

01/12/2021, Bhillai

Copy to- All concerned staff, PG students and Interns



DEAN  
Rungta College of Dental Science & Research  
Kohka Road, Kurud, Bhillai (C.G.)

H.O.D/I/c  
Dept. Of Public Health  
Dentistry  
PROFESSOR & HOD  
DEPARTMENT OF PUBLIC HEALTH  
RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH  
RCDSR



# RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH

Managed by : GDR Educational Society

AN INITIATIVE BY SANJAY RUNGTA

## DEPARTMENT OF PUBLIC HEALTH DENTISTRY, RCDSR

### Jamul Peripheral Centre Posting of Interns

For month of **JANUARY 2022**

This is for notice of the under mentioned interns, that posting of Jamul Peripheral Centre for Month of **JANUARY 2022** is as follows:

DATE	INTERNS
01/01/2022	Hrishab, Ishani
03/01/2022	Ishpreet, Jyoti
04/01/2022	Khushnud, Kriti
05/01/2022	Komal, Lovely
06/01/2022	Madhulika, Manisha
07/01/2022	Mayank, Megha
10/01/2022	Moon, Muskan
11/01/2022	Muskan, G Navya
12/01/2022	Namrata, Nishanti
13/01/2022	Oindrila, Pabitra
14/01/2022	Hrishab, Ishani
17/01/2022	Ishpreet, Jyoti
18/01/2022	Khushnud, Kriti
19/01/2022	Komal, Lovely
20/01/2022	Madhulika, Manisha
21/01/2022	Mayank, Megha
24/01/2022	Moon, Muskan
25/01/2022	Muskan, G Navya
27/01/2022	Namrata, Nishanti
28/01/2022	Oindrila, Pabitra
31/01/2022	Hrishab, Ishani

Note: the working hours at the peripheral centre will be as same of the college. The posted PG students and Interns are permitted to go directly to Peripheral Centre without reporting to the department on the posting day. Attendance will be compensated on reporting to their respective department on next working day.

01/01/2022, Bhilai

Copy to- All concerned staff, PG students and Interns



DEAN  
Rungta College of Dental Science & Research  
Kohka Road, Kurud, Bhilai (C.D.S)

H.O.D/I/c  
Dept. Of Public Health  
Dentistry  
PROFESSOR & HOD  
DEPARTMENT OF PUBLIC HEALTH DENTISTRY  
RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH



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## DEPARTMENT OF PUBLIC HEALTH DENTISTRY, RCDSR

### Jamul Peripheral Centre Posting of Interns

For month of **FEBRUARY 2022**

This is for notice of the under mentioned interns, that posting of Jamul Peripheral Centre for Month of **FEBRUARY 2022** is as follows:

DATE	INTERNS
01/02/2022	Ria, Ruchi
02/02/2022	Sakshi, Sandip
03/02/2022	Charu, Preeti
04/02/2022	Nishant, Purbalee
07/02/2022	Reshma, Reshmi
08/02/2022	Shamvabi, Shambhabi
09/02/2022	Shreya, Shifa
10/02/2022	Siddhartha, Samim
11/02/2022	Saikat, Purvi
14/02/2022	Palak, Ishani
15/02/2022	Ria, Ruchi
16/02/2022	Sakshi, Sandip
17/02/2022	Charu, Preeti
18/02/2022	Nishant, Purbalee
21/02/2022	Reshma, Reshmi
22/02/2022	Shamvabi, Shambhabi
23/02/2022	Shreya, Shifa
24/02/2022	Siddhartha, Samim
25/02/2022	Saikat, Purvi
28/02/2022	Palak, Ishani

Note: the working hours at the peripheral centre will be as same of the college. The posted Interns are permitted to go directly to Peripheral Centre without reporting to the department on the posting day. Attendance will be compensated on reporting to their respective department on next working day.

01/02/2022, Bhilai

Copy to- All concerned staff, PG students and Interns



DEAN  
Rungta College of Dental Science & Research  
Kohka Road, Kurud, Bhilai (C.G.)

H.O.D/I/c  
Dept. Of Public Health  
Dentistry  
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DEPARTMENT OF PUBLIC HEALTH  
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RESEARCH



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Managed by : GDR Educational Society

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## DEPARTMENT OF PUBLIC HEALTH DENTISTRY, RCDSR

### Jamul Peripheral Centre Posting of Interns

For month of **MARCH 2022**

This is for notice of the under mentioned interns, that posting of Jamul Peripheral Centre for Month of **MARCH 2022** is as follows:


DATE	INTERNS
01/03/2022	Ria, Ruchi
02/03/2022	Sakshi, Sandip
03/03/2022	Charu, Preeti
04/03/2022	Nishant, Purbalee
07/03/2022	Reshma, Reshmi
08/03/2022	Shamvabi, Shambhabi
09/03/2022	Shreya, Shifa
10/03/2022	Siddhartha, Samim
11/03/2022	Saikat, Purvi
14/03/2022	Palak, Ishani
15/03/2022	Ria, Ruchi
16/03/2022	Sakshi, Sandip
17/03/2022	Charu, Preeti
21/03/2022	Reshma, Reshmi
22/03/2022	Shamvabi, Shambhabi
23/03/2022	Shreya, Shifa
24/03/2022	Siddhartha, Samim
25/03/2022	Saikat, Purvi
28/03/2022	Palak, Ishani
29/03/2022	Siddhartha, Samim
30/03/2022	Saikat, Purvi
31/03/2022	Palak, Ishani


Note: the working hours at the peripheral centre will be as same of the college. The posted Interns are permitted to go directly to Peripheral Centre without reporting to the department on the posting day. Attendance will be compensated on reporting to their respective department on next working day.

01/03/2022, Bhilai

Copy to- All concerned staff, PG students and Interns



  
DEAN  
Rungta College of Dental Science & Research  
Kohka Road, Kurud, Bhilai (C.G.)

  
H.O.D/I/c  
Dept. Of Public Health  
Dentistry  
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## DEPARTMENT OF PUBLIC HEALTH DENTISTRY, RCDSR

### Jamul Peripheral Centre Posting of Interns

For month of **APRIL 2022**

This is for notice of the under mentioned interns, that posting of Jamul Peripheral Centre for Month of **APRIL 2022** is as follows:

DATE	INTERNS
01/04/2022	Ria, Ruchi
04/04/2022	Sakshi, Sandip
05/04/2022	Charu, Preeti
06/04/2022	Nishant, Purbalee
07/04/2022	Reshma, Reshmi
08/04/2022	Shamvabi, Shambhabi
11/04/2022	Shreya, Shifa
12/04/2022	Siddhartha, Samim
13/04/2022	Saikat, Purvi
15/04/2022	Palak, Ishani
18/04/2022	Ria, Ruchi
19/04/2022	Sakshi, Sandip
20/04/2022	Charu, Preeti
21/04/2022	Reshma, Reshmi
22/04/2022	Shamvabi, Shambhabi
25/04/2022	Shreya, Shifa
26/04/2022	Siddhartha, Samim
27/04/2022	Saikat, Purvi
28/04/2022	Palak, Ishani
29/04/2022	Siddhartha, Samim

Note: the working hours at the peripheral centre will be as same of the college. The posted Interns are permitted to go directly to Peripheral Centre without reporting to the department on the posting day. Attendance will be compensated on reporting to their respective department on next working day.

01/04/2022, Bhilai

Copy to- All concerned staff, PG students and Interns



DEAN  
Rungta College of Dental Science & Research  
Kohka Road, Kurud, Bhilai (C.G.)

H.O.D/I/c  
Dept. Of Public Health  
Dentistry

PROFESSOR & HOD  
DEPARTMENT OF PUBLIC HEALTH DENTISTRY  
RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH  
RCDSR





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AN INITIATIVE BY SANJAY RUNGTA

## DEPARTMENT OF PUBLIC HEALTH DENTISTRY, RCDSR

### Jamul Peripheral Centre Posting of Interns

For month of **MAY 2022**

This is for notice of the under mentioned interns, that posting of Jamul Peripheral Centre for Month of **MAY 2022** is as follows:

DATE	INTERNS
02/05/2022	Soubarna, Nasim
03/05/2022	Sweta, Surabhi
04/05/2022	Twinkle, Suraj
05/05/2022	Alekhya, Rahila
06/05/2022	Revati, Mangalam
09/05/2022	Sumit, Vaishnavi
10/05/2022	Vinay, Simran
11/05/2022	Smriti, Yogesh
13/05/2022	Vani, Keshav
16/05/2022	Aniket, Khyati
17/05/2022	Akansha, Jayesh
18/05/2022	Soubarna, Nasim
19/05/2022	Sweta, Surabhi
20/05/2022	Twinkle, Suraj
23/05/2022	Alekhya, Rahila
24/05/2022	Revati, Mangalam
25/05/2022	Sumit, Vaishnavi
26/05/2022	Vinay, Simran
27/05/2022	Smriti, Yogesh
30/05/2022	Vani, Keshav
31/05/2022	Aniket, Khyati

Note: the working hours at the peripheral centre will be as same of the college. The posted Interns are permitted to go directly to Peripheral Centre without reporting to the department on the posting day. Attendance will be compensated on reporting to their respective department on next working day.

01/05/2022, Bhilai

Copy to- All concerned staff, PG students and Interns



Rungta College of Dental Science & Research  
Kohka Road, Kurud, Bhilai (C.G.)

H.O.D/Ic  
Dept. Of Public Health  
Dentistry

PROFESSOR & HOD  
DEPARTMENT OF PUBLIC HEALTH DENT  
RUNGTA COLLEGE OF DENTAL SCIENCES  
RESEARCH

# **RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH, BHILAI**

Recognised by: DCI New Delhi, Affiliated to: Pt. Deendayal Upadhyay Memorial Health Sciences and Ayush University, Raipur  
Managed by: GDR Educational Society.



Ref. No./RCDSR/D.O/Admin./2022/ 4130(B)

Date: 15.06.2022

## **Completion Certificate**

This is to certify that interns were posted in the Community Centre/ Satellite Centre at Nehru-Nagar, Bhilai and they have successfully completed their community posting as per attached list.

Staff coordinator

Dr.Ram Tiwari

Dean,

Rungta College of Dental Sciences

And Research, Bhilai

DEAN

Rungta College of Dental Science & Research,  
Kohka Road, Kurud, Bhilai (C.G.)



DEAN

Rungta College of Dental Science & Research  
Kohka Road, Kurud, Bhilai (C.G.)

**1.3.4 Percentage of students undertaking field visits/Clinical / industry internships/research projects/industryvisits/community postings (data for the preceding academic year).**

## INDEX

S.NO	DESCRIPTION	PAGE NUMBER
1	Certificate of the Head of the Institution	02
2	Additional Information	04
3	Preceding Academic Year (2021-22)	



# **RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH**

Managed by : GDR Educational Society

AN INITIATIVE BY SANJAY RUNGTA

**CERTIFICATE OF THE HEAD OF INSTITUTION**



# RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH

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AN INITIATIVE BY SANJAY RUNGTA

**Dr.Karthik Krishna M, M.D.S.,**  
**DEAN**

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that, the total numbers of students undertaking field visits/Clinical / industry internships/research projects/industry visits/community postings for the preceding academic year, details are given below:

Total numbers of students undertaking field visits/Clinical / industry internships/research projects/industry visits/community postings	Preceding Year
406	2021-22

**DEAN**



# RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH

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## ADDITIONAL INFORMATION



# **RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH**

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**SCANNED COPY OF FIELD VISIT REPORT WITH LIST  
OF STUDENTS**



# **RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH**

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**PRECEDING ACADEMIC YEAR (2021-22)**





# RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH

Managed by : GDR Educational Society

AN INITIATIVE BY SANJAY RUNGTA

Ref. No./RCDSR/D.O/Admin./2022/275A-1

Date: 01/06/2022

## CIRCULAR

This is to inform all HODs of all the departments that Rungta College of Dental Sciences & Research, Bhilai is organizing a field Visit to 77 mld water treatment plant, Nagar Palik Nigam, Durg, C.G. for the BDS final year students on 04.06.2022 from 10:00 AM, as a part of their academic field Visit.

It is hereby directed to the concerned faculty/in charge to kindly relieve the students from their respective departments for the above-mentioned visit from 10:00 am.

**Event coordinator-Dr. Ram Tiwari**


  
Dr. Karthik Krishna M.

Dean

Copy to:

1. HOD/Incharges of all departments.
2. Chairman Sir (For information).
3. Coordinator – College Administration
4. Student Notice Board.
5. Office Copy

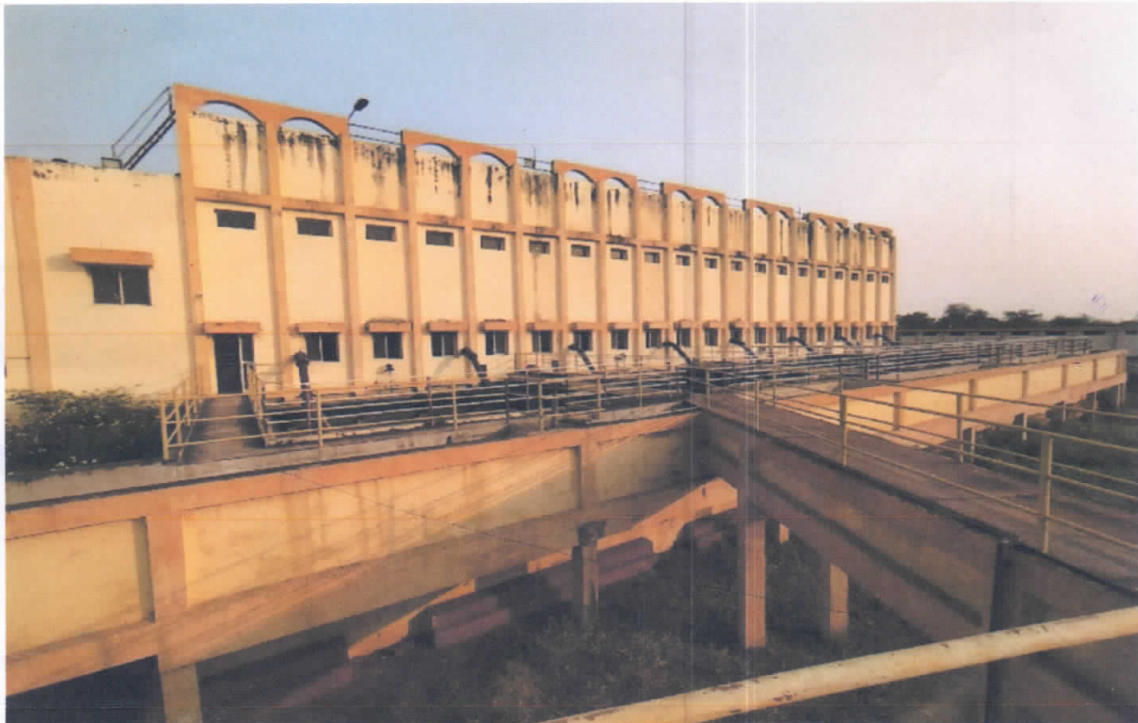


  
DEAN  
Rungta College of Dental Science & Research  
Kohka Road, Kurud, Bhilai (C.G.)

### A report on

### "Visit at Water Treatment Plant"

On 4<sup>th</sup> June, 2022 at 10:30 a.m. we, the students of Rungta College of Dental Sciences and Research Final year BDS visited 77 MLD Water Treatment Plant, Durg as a part of academic field activity, Public Health Dentistry. Ninety two final year students joined the visit under the guidance of Dr. Ram Tiwari.



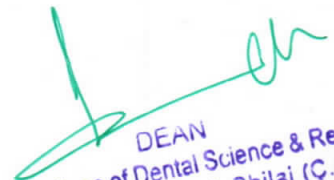
Water treatment plant

At starting, the officer gave the basic knowledge about treatment process. He explained well about the structure and working of the water purification plant.

The students were then divided into two groups of 35 and 34 students and were led by two officers for better demonstration and understanding.

The officers then gave us a tour of the water treatment plant and explained about each step of the process.



  
DEAN  
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Kohka Road, Kurud, Bhilai (C.G.)



rungta  
Let the minds bloom

# RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH

AN INITIATIVE BY SANJAY RUNGTA

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Water plays a very important rôle in human life, whether for daily routine purpose or human health. This field visit gave us the knowledge about the quality of water since it may affect the human health especially.

We got the knowledge that the plant receives raw water from Shivnath river,Durg and also anout further steps of treatment i.e. coagulation, rapid mixing, flocculation, sedimentation, filtration, backwashing, disinfection and distribution.

## STEP-1: COLLECTION-

The raw water which is supplied to the water treatment plant comes from Shivnath river,Durg. Water flows through 1200mm diameter pipe to the water treatment plant.

Since, water flows underground; the oxygen content reduces in water. So, aeration fountain is present as natural aerator.



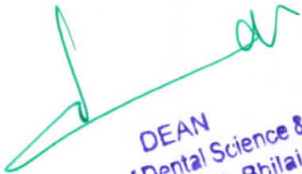
Collection of water

## STEP-2: COAGULATION-

The raw water is then treated with chemical coagulant alum.

The dose of alum varies depending upon the turbidity, colour, temperature and pH of the water.



  
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Kohka Road, Kurud, Bhilai (C.G.)

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### STEP-3: RAPID MIXING-

Treated water is then subjected to violent agitation in a mixing chamber for a few minutes.

Chlorine is also added to water for pre-chlorination process in which bacteria is killed in water.

### STEP-4: FLOCCULATION-

This phase involves a slow and gentle stirring of the treated water in a flocculation chamber.

This causes the formation of thick copious white flocculent precipitate.

### STEP-5: SEDIMENTATION-

Next, the water flows into sedimentation tank where the heavy floc particles sink to the bottom and are removed.



Sedimentation

### STEP-6: FILTRATION-

Now, the water travels through large rapid sand filters made of sand gravel. Filtration removes any remaining microscopic particles and microorganisms.

### STEP-7: BACKWASHING-

This is done by reversing the flow of water through the sand bed.



*[Handwritten Signature]*  
DEAN  
College of Dental Sciences & Research  
Kuvempu University, Shivamogga  
Kuvempu University, Shivamogga



rungta  
Let the minds bloom

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Backwashing

## STEP-8: DISINFECTION-

Finally, the water is disinfected to protect it against bacteria, the process used is chlorination.




Disinfection of water

## STEP-9: DISTRIBUTION-

The clean water is then distributed to various parts of the city.



  
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Rungta College of Dental Science & Research  
Wahka Road, Kurud Ahilal (C.G.)

## CONCLUSION-

From this visit, we get the information and practical knowledge about the treatment of raw water and components used in treatment plant and got the knowledge about detailed process of filtration.



Group photo of students attended the field visit

## List of students attended the field visit

1	AASTHA
2	ABHISHEK RATH
3	AISHWARYA TIWARI
4	AKANSHA
5	AMLAN JYOTI MISHRA
6	ANANYA SINGH
7	ANANYA TALMALE
8	ANJALI JAIN
9	ANUSHKA RATHORE
10	ANUSMITA SAHU
11	ARIJIT GHOSH
12	CHITRA SINGH
13	DAMANPREET KAUR



*[Signature]*  
DEAN  
Rungta College of Dental Science & Research  
Bhilai Road, Kufud, Bhilai (C.G.)



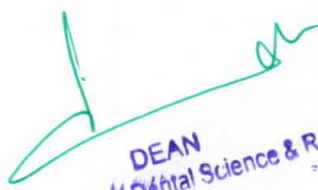
# RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH

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14	DILPREET KAUR GUMBER
15	DIKSHA NAIK
16	GARIMA RANJAN MANI
17	GOPAL RATHI
18	IRAM ZACHARIAH
19	ISHIKA AGRAWAL
20	ISHA KHAN
21	KAUSTAV NANDI
22	KHUSHI PRAKASH DAVE
23	K NIHARIKA RAO
24	K POOJA
25	KRITIKA YADAV
26	LABONI SAMANTA
27	MAHIMA TIWARI
28	MANSI ANIL TAMBADE
29	MAUSAMEE DEWANGAN
30	MUKUL ROHAN MALHOTRA
31	M VISHNU VARDHAN
32	NABEELAH QUAZI
33	NISHA NEHARA
34	NUPOOR PATEL
35	PALASH PURSHOTTAM BHATTAD
36	POOJA AHUJA
37	PRIYAL RAJPUT
38	PRIYAM MUKHERJEE
39	RADHA JINDAL
40	RAM KRISHNA DAS
41	RAMAN JOHN SHRIVSTAVA
42	RITISHA DEBNATH
43	RIYA JAIN
44	SACHI GARG
45	SHAKSHI SHARAN
46	SANDIPAN MONDAL
47	SASWAT PUJAJRI
48	SAYANTINI DEY
49	SHANU KHARYA
50	SHALINI KERKETTA
51	SHALINI SINHA
52	SHEKINAH S J MITTRA
53	SHREYANSHI OJHA
54	SHRUTI SURI
55	SHRUTI AJAY KHANDELWA
56	SHUBHANGI SANTWANI
57	SHWETA SINGH
58	SIMRAN ASHWIN PAREKH



  
DEAN  
Rungta College of Dental Science & Research  
KURIR



# RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH

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59	SIWANI KUMARI
60	SKAND SAO
61	SONAL DONGERE
62	SONAM NAYAK
63	SOUMYA CHANDRAKAR
64	SRISHTI DEWANGAN
65	STUTI PANDEY
66	SYED ENTEAAS HUSSAIN
67	VANI VERMA
68	VANSHIKA VASWANI
69	YASHASWINI BHARDWAJ
70	RUMA CHOUDHURY
71	ANUSHKA GROVER
72	ARIJIT CHATTERJEE
73	ARNIT SAXENA
74	BHARTI TIWARI
75	DAMINI KAIWARTYA
76	GAYATRI SAPKAL
77	HARSHIT PASRIJA
78	NIKITA TULI
79	NISHA CHANDRAKAR
80	SANJANA VINOD
81	SAKSHI BALODIYA
82	SOURABH KU SINGH
83	S P RAJNANDINI DASH
84	SUBHAJEET GUHA
85	VINEETA DEWANGAN
86	ANIMESH KU BISWAS
87	FALGUNI GUPTA
88	ANUBHUTI DEWANGAN
89	RIYA CHOUDHURY (DROP)
90	RISHIKA RANI
91	PRIYANKAN MOHKUD
92	PRIYANKA SWAIM



  
DEAN  
Rungta College of Dental Science & Research  
Plot No. 12, Kurud Bihari, IC





# RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH

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AN INITIATIVE BY SANJAY RUNGTA

Ref. No./RCDSR/D.O/Admin./2022 275 A-2

Date: 01/06/2022

## CIRCULAR

This is to inform all HODs of all the departments that Rungta College of Dental Sciences & Research, Bhilai is organizing a field Visit to 77 mld water treatment plant, Nagar Palik Nigam, Durg, C.G. for the BDS 3<sup>rd</sup> year students on 10.06.2022 from 10:00 AM, as a part of their academic field Visit.

It is hereby directed to the concerned faculty/in charge to kindly relieve the students from their respective departments for the above-mentioned visit from 10:00 am.

**Event coordinator-Dr. Ram Tiwari**

  
Dr. Karthik Krishna M.

Dean

Copy to:

1. HOD/Incharges of all departments.
2. Chairman Sir (For information).
3. Coordinator – College Administration
4. Student Notice Board.
5. Office Copy



  
DEAN  
Rungta College of Dental Science & Research  
Kohka Road, Kurud, Bhilai (C.G.)

BDS 3rd YEAR - 2022

## VISIT TO WATER TREATMENT PLANT



**Picture of Water Treatment Plant**

### **Introduction**

On the morning of 10th June 2022, at 9:30 AM we the students of RCDSR 3 year left the college campus to visit T.T.MD Water Treatment Plant, Nagar Palika Nigam, Bhilai C.G.

When we reached there, we were greeted by the Head Incharge of the plant who gave us a detailed briefing of the plant, its mechanism and the importance of water treatment for the environment and public.

We were then divided into 2 groups led by the assistant engineers.



  
DEAN  
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# RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH

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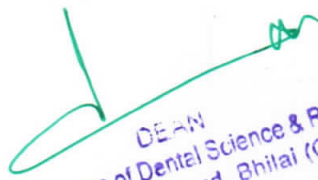


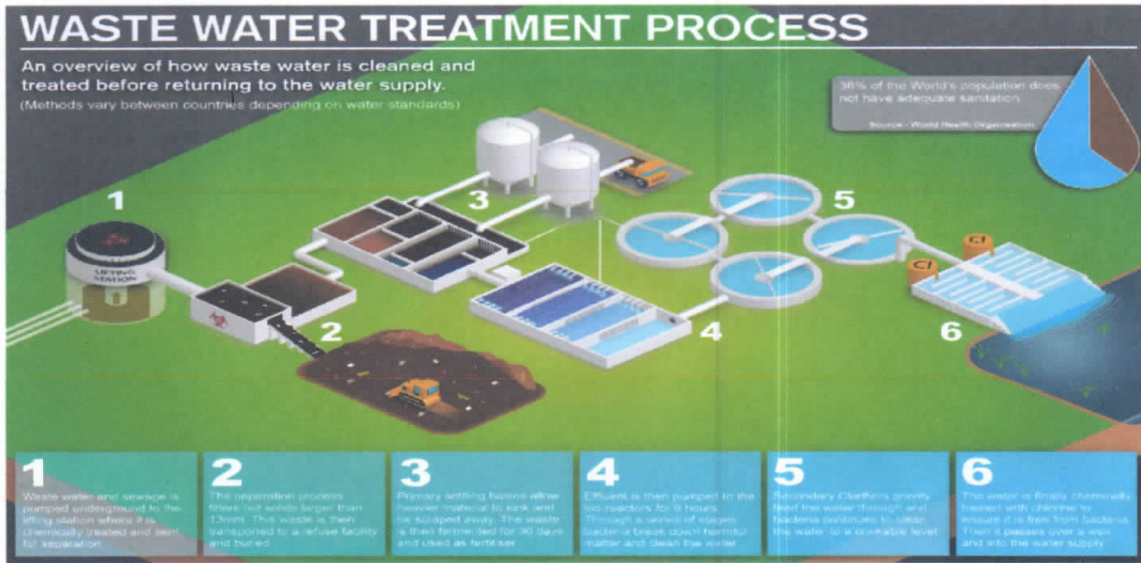
Briefing by the Head Incharge



Group distribution for the Plant Visit



  
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Kohka Road, Kurud, Bhitai (C.G.)



Pictorial diagram of water treatment plant

## STEP 1: COLLECTION

The raw water which is supplied to the water treatment plant comes from **Shivnath River, Durg**. Water flows from pipes with a measurement of 1200mm diameter to the water treatment plant. The capacity of the plant is **77MCD** and supply to the public is **60 MCD/day**.

We first visited the aeration fountain, since water flows underground, the oxygen content reduces in water. So, an aeration fountain is present as a natural aerator.



Collection of water



*Sanjay Rungta*  
DEAN  
Rungta College of Dental Science & Research  
Kohka Road, Kurud, Bhitai (C.G.)

## STEP2: COAGULATION

The raw water is then treated with **chemical coagulant ALUM**. The dose of alum varies depending upon the turbidity, color, temperature and pH of water.

## STEP3: RAPID MIXING

Treated water is then subjected to violent agitation in a mixing chamber for a few minutes. Chlorine is also added to water for the pre-chlorination process in which bacteria is killed in water.



Rapid mixing of water

## STEP4: FLOCCULATION

This process involves a slow and gentle stirring of the treated water within the flocculation chamber. This leads to formation of thick copious white flocculent precipitation  $Al(OH)_3$




Flocculation

## STEP5: SEDIMENTATION

Next, the water flows into a sedimentation tank where the heavy floc particles sink to the bottom and are removed. This process takes 2-6 hrs.



  
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DEAN



Sedimentation

## STEP6: FILTRATION

The rate of filtration is 5-15min/m<sup>2</sup>/km. Now the water travels through large rapid sand filters made up of sand gravel. Filtration removes any remaining microscopic particles and microorganisms. Water above the sand bed is 1-1.5m.

The filtered gravel consists of 30-40 cm deep over which 1 m height of sand is present.



Filtration

## STEP7: BACKWASHING

Takes 10-15 min in the process this is done by reversing the flow of water through the sand bed. The water filters from here and moves to a clean water chamber where fluorine is added.



Backwashing


## STEP8: DISINFECTION

Finally the water is disinfected to protect it against bacteria, the process used is chlorination.



Disinfection



  
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## STEP9: DISTRIBUTION

The clean water is then distributed to the various parts of the city.



Distribution


## CONCLUSION:

From the visit we understood about the practical real life working of the treatment of raw water and its components used in the treatment plant. And got the knowledge about the detailed process of filtration.



Participants of field visit



  
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Kohka Road, Kurud, Bhilai (C.G.)

## List of students attended the field visit

S. No.	NAME OF STUDENTS
1	AANCHAL AHUJA
2	AISHWARYA JAIN
3	AISHWARYA KODOPI
4	AKANSHA PRIYA
5	AMITA BHASANI
6	ANANYA TRIPATHY
7	ANGELINA PAUL
8	ANJLI GURU
9	ANUBHA DAS
10	ARTI YADAV
11	ARYAN BANKA
12	AYUSH MAHAPATRA
13	AYUSHI PATANWAR
14	CHIRANTAN MISHRA
15	CHITESHREE PARMAR
16	D. VAISHNAVI
17	DEEPALI CHOUDHARY



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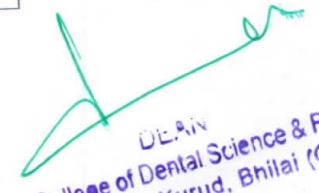
18	DIVI LEEKHA
19	DIVJYOTI KAUR
20	DIVYA KIRAN
21	DIVYA VERMA
22	ESHA SANGWAN
23	G RAKSHIT TEJA
24	HEMANTH SALADI
25	K A SHRISTI
26	KAIFI TAZMEEN ALI
27	KANU PANDEY
28	KAREENA ARORA
29	KHILENDRA KUMAR SAHU
30	KHUSHBOO AGRAWAL
31	KHUSHI KUMARI
32	MAANSI VISHWAKARMA
33	MAHAK AGRAWAL
34	MANASI PATIL
35	MANOJ NAIK
36	MANSI AGRAWAL
37	MAYUR S RATHI



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38	MD. DANISH SALAT
39	MD. FAHAD AKHTAR KHAN
40	MD. AMIN KHAN
41	MOHAN PRAKASH SAHU
42	MUSKAN AGRAWAL
43	MUSKAN BHARTI
44	NEHA AGRAWAL
45	NIDHI EKSARIA
46	NIKITHA KASHYAP
47	NISHIKA THAKKAR
48	NISHTHA AGRAWAL
49	PAKHI
50	PALAK AGRAWAL
51	PIYUSH JOSHI
52	PIYUSH KUMAR MISHRA
53	POOJA SONI
54	PRACHI AGRAWAL
55	PRAGATI KRISHNA PORTE
56	PRATYUSH SHRIVASTAVA
57	PRIYA RAJPUT



  
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58	RAFIA ANJUM
59	RICHA DAS
60	RUKMANI BATRA
61	S. ANJALI RAO
62	SAKSHI DHANANJAY GUNDAWAR
63	SAKSHI NETAM
64	SAKSHI SHARMA
65	SALONI KHADANGA
66	SHAHEEN PARVEEN
67	SANTOSH KUMAR SETHI
68	SARDA AYUSH SANTOSH
69	SAYANI SINGHARROY
70	SHAMBHAVI MISHRA
71	SHAURYA BARANWAL
72	SHIRSHAYAN ROY
73	GADE SHIVANI SUNIL
74	SHREEYA SONI
75	SHRUTI JAIN
76	SHRUTI MAHESHWARI



  
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77	SHRUTI PRIYA
78	SHUBHANGEE SAHU
79	SIMRAN BATRA
80	SMRITI PRIYA
81	SNEHIL SINGH
82	SOURAV BISWAS
83	SUBHADRA RANI MITRA
84	SUBRAT KUMAR JENA
85	SURBHI SINGHANIA
86	TANYA GUPTA
87	TARANNUM NAZ
88	VATSALA SINGH
89	VIANSI AGRAWAL



  
Dean  
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# **RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH, BHILAI**

Recognised by: DCI New Delhi, Affiliated to: Pt. Deendayal Upadhyay Memorial Health Sciences and Ayush University, Raipur  
Managed by: GDR Educational Society.



Date: 15.06.2022

Ref. No./RCDSR/D.O/Admin./2022/ 4130 (A)

## **Completion Certificate**

This is to certify that third year and final year BDS students have successfully completed the field visit to 77 MLD water treatment plant at Nagar Palika Nigam, Durg, C.G. on 4<sup>th</sup> June 2022 and 10<sup>th</sup> June 2022 as a part of academic field activity.

Staff coordinator

Dr.Ram Tiwari

Dean,

Rungta College of Dental Sciences

And Research, Bhilai

DEAN

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## COMMUNITY POSTING CERTIFICATE





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**PRECEDING ACADEMIC YEAR (2021-22)**



# RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH

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## DEPARTMENT OF PUBLIC HEALTH DENTISTRY, RCDSR

Jamul Peripheral Centre Posting of Interns

For month of **NOVEMBER 2021**

This is for notice of the under mentioned postings of interns, that posting of Jamul Peripheral Centre for Month of **NOVEMBER 2021** is as follows:

DATE	INTERNS
01/11/2021	Aashu, Abhishek
02/11/2021	Abir, Adarsh
03/11/2021	Akansha, Ambreen
05/11/2021	Anmol, Ankita
08/11/2021	Ann, Anshika
09/11/2021	Anupama, Aparna
10/11/2021	Apeksha, Arushi
11/11/2021	Avinash, Ayemun
12/11/2021	Banhi, Darshan
15/11/2021	Debolina, Disha
16/11/2021	Aashu, Abhishek
17/11/2021	Abir, Adarsh
18/11/2021	Akansha, Ambreen
22/11/2021	Anmol, Ankita
23/11/2021	Ann, Anshika
24/11/2021	Anupama, Aparna
25/11/2021	Apeksha, Arushi
26/11/2021	Avinash, Ayemun
29/11/2021	Banhi, Darshan
30/11/2021	Debolina, Disha

Note: the working hours at the peripheral centre will be as same of the college. The posted Interns are permitted to go directly to Peripheral Centre without reporting to the department on the posting day. Attendance will be compensated on reporting to their respective department on next working day.

01/11/2021, Bhilai

Copy to- All concerned staff, PG students and Interns



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## DEPARTMENT OF PUBLIC HEALTH DENTISTRY, RCDSR

Jamul Peripheral Centre Posting of Interns

For month of **DECEMBER 2021**

This is for notice of the under mentioned interns, that posting of Jamul Peripheral Centre for Month of **DECEMBER 2021** is as follows:

DATE	INTERNS
01/12/2021	Aashu, Abhishek
02/12/2021	Abir, Adarsh
03/12/2021	Akansha, Ambreen
06/12/2021	Anmol, Ankita
07/12/2021	Ann, Anshika
08/12/2021	Anupama, Aparna
09/12/2021	Apeksha, Arushi
10/12/2021	Avinash, Ayemun
13/12/2021	Banhi, Darshan
14/12/2021	Debolina, Disha
15/12/2021	Aashu, Abhishek
16/12/2021	Abir, Adarsh
17/12/2021	Akansha, Ambreen
20/12/2021	Anmol, Ankita
21/12/2021	Ann, Anshika
22/12/2021	Anupama, Aparna
23/12/2021	Apeksha, Arushi
24/12/2021	Avinash, Ayemun
27/12/2021	Banhi, Darshan
28/12/2021	Debolina, Disha
29/12/2021	Anmol, Ankita
30/12/2021	Ann, Anshika
31/12/2021	Anupama, Aparna

Note: the working hours at the peripheral centre will be as same of the college. The posted Interns are permitted to go directly to Peripheral Centre without reporting to the department on the posting day. Attendance will be compensated on reporting to their respective department on next working day.

01/12/2021, Bhilai

Copy to- All concerned staff, PG students and Interns



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## DEPARTMENT OF PUBLIC HEALTH DENTISTRY, RCDSR

Jamul Peripheral Centre Posting of Interns

For month of **JANUARY 2022**

This is for notice of the under mentioned interns, that posting of Jamul Peripheral Centre for Month of **JANUARY 2022** is as follows:

DATE	INTERNS
01/01/2022	Hrishab, Ishani
03/01/2022	Ishpreet, Jyoti
04/01/2022	Khushnud, Kriti
05/01/2022	Komal, Lovely
06/01/2022	Madhulika, Manisha
07/01/2022	Mayank, Megha
10/01/2022	Moon, Muskan
11/01/2022	Muskan, G Navya
12/01/2022	Namrata, Nishanti
13/01/2022	Oindrila, Pabitra
14/01/2022	Hrishab, Ishani
17/01/2022	Ishpreet, Jyoti
18/01/2022	Khushnud, Kriti
19/01/2022	Komal, Lovely
20/01/2022	Madhulika, Manisha
21/01/2022	Mayank, Megha
24/01/2022	Moon, Muskan
25/01/2022	Muskan, G Navya
27/01/2022	Namrata, Nishanti
28/01/2022	Oindrila, Pabitra
31/01/2022	Hrishab, Ishani

Note: the working hours at the peripheral centre will be as same of the college. The posted PG students and Interns are permitted to go directly to Peripheral Centre without reporting to the department on the posting day. Attendance will be compensated on reporting to their respective department on next working day.

01/01/2022, Bhilai

Copy to- All concerned staff, PG students and Interns



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RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH

## DEPARTMENT OF PUBLIC HEALTH DENTISTRY, RCDSR

Jamul Peripheral Centre Posting of Interns

For month of **FEBRUARY 2022**

This is for notice of the under mentioned interns, that posting of Jamul Peripheral Centre for Month of **FEBRUARY 2022** is as follows:

DATE	INTERNS
01/02/2022	Ria, Ruchi
02/02/2022	Sakshi, Sandip
03/02/2022	Charu, Preeti
04/02/2022	Nishant, Purbalee
07/02/2022	Reshma, Reshmi
08/02/2022	Shamvabi, Shambhabi
09/02/2022	Shreya, Shifa
10/02/2022	Siddhartha, Samim
11/02/2022	Saikat, Purvi
14/02/2022	Palak, Ishani
15/02/2022	Ria, Ruchi
16/02/2022	Sakshi, Sandip
17/02/2022	Charu, Preeti
18/02/2022	Nishant, Purbalee
21/02/2022	Reshma, Reshmi
22/02/2022	Shamvabi, Shambhabi
23/02/2022	Shreya, Shifa
24/02/2022	Siddhartha, Samim
25/02/2022	Saikat, Purvi
28/02/2022	Palak, Ishani


Note: the working hours at the peripheral centre will be as same of the college. The posted Interns are permitted to go directly to Peripheral Centre without reporting to the department on the posting day. Attendance will be compensated on reporting to their respective department on next working day.

01/02/2022, Bhilai

Copy to- All concerned staff, PG students and Interns



  
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## DEPARTMENT OF PUBLIC HEALTH DENTISTRY, RCDSR

Jamul Peripheral Centre Posting of Interns

For month of **MARCH 2022**

This is for notice of the under mentioned interns, that posting of Jamul Peripheral Centre for Month of **MARCH 2022** is as follows:


DATE	INTERNS
01/03/2022	Ria, Ruchi
02/03/2022	Sakshi, Sandip
03/03/2022	Charu, Preeti
04/03/2022	Nishant, Purbalee
07/03/2022	Reshma, Reshmi
08/03/2022	Shamvabi, Shambhabi
09/03/2022	Shreya, Shifa
10/03/2022	Siddhartha, Samim
11/03/2022	Saikat, Purvi
14/03/2022	Palak, Ishani
15/03/2022	Ria, Ruchi
16/03/2022	Sakshi, Sandip
17/03/2022	Charu, Preeti
21/03/2022	Reshma, Reshmi
22/03/2022	Shamvabi, Shambhabi
23/03/2022	Shreya, Shifa
24/03/2022	Siddhartha, Samim
25/03/2022	Saikat, Purvi
28/03/2022	Palak, Ishani
29/03/2022	Siddhartha, Samim
30/03/2022	Saikat, Purvi
31/03/2022	Palak, Ishani


Note: the working hours at the peripheral centre will be as same of the college. The posted Interns are permitted to go directly to Peripheral Centre without reporting to the department on the posting day. Attendance will be compensated on reporting to their respective department on next working day.

01/03/2022, Bhilai

Copy to- All concerned staff, PG students and Interns



  
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## DEPARTMENT OF PUBLIC HEALTH DENTISTRY, RCDSR

Jamul Peripheral Centre Posting of Interns

For month of **APRIL 2022**

This is for notice of the under mentioned interns, that posting of Jamul Peripheral Centre for Month of **APRIL 2022** is as follows:

DATE	INTERNS
01/04/2022	Ria, Ruchi
04/04/2022	Sakshi, Sandip
05/04/2022	Charu, Preeti
06/04/2022	Nishant, Purbalee
07/04/2022	Reshma, Reshmi
08/04/2022	Shamvabi, Shambhabi
11/04/2022	Shreya, Shifa
12/04/2022	Siddhartha, Samim
13/04/2022	Saikat, Purvi
15/04/2022	Palak, Ishani
18/04/2022	Ria, Ruchi
19/04/2022	Sakshi, Sandip
20/04/2022	Charu, Preeti
21/04/2022	Reshma, Reshmi
22/04/2022	Shamvabi, Shambhabi
25/04/2022	Shreya, Shifa
26/04/2022	Siddhartha, Samim
27/04/2022	Saikat, Purvi
28/04/2022	Palak, Ishani
29/04/2022	Siddhartha, Samim

Note: the working hours at the peripheral centre will be as same of the college. The posted Interns are permitted to go directly to Peripheral Centre without reporting to the department on the posting day. Attendance will be compensated on reporting to their respective department on next working day.

01/04/2022, Bhilai

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## DEPARTMENT OF PUBLIC HEALTH DENTISTRY, RCDSR

Jamul Peripheral Centre Posting of Interns

For month of **MAY 2022**

This is for notice of the under mentioned interns, that posting of Jamul Peripheral Centre for Month of **MAY 2022** is as follows:

DATE	INTERNS
02/05/2022	Soubarna, Nasim
03/05/2022	Sweta, Surabhi
04/05/2022	Twinkle, Suraj
05/05/2022	Alekhya, Rahila
06/05/2022	Revati, Mangalam
09/05/2022	Sumit, Vaishnavi
10/05/2022	Vinay, Simran
11/05/2022	Smriti, Yogesh
13/05/2022	Vani, Keshav
16/05/2022	Aniket, Khyati
17/05/2022	Akansha, Jayesh
18/05/2022	Soubarna, Nasim
19/05/2022	Sweta, Surabhi
20/05/2022	Twinkle, Suraj
23/05/2022	Alekhya, Rahila
24/05/2022	Revati, Mangalam
25/05/2022	Sumit, Vaishnavi
26/05/2022	Vinay, Simran
27/05/2022	Smriti, Yogesh
30/05/2022	Vani, Keshav
31/05/2022	Aniket, Khyati

Note: the working hours at the peripheral centre will be as same of the college. The posted Interns are permitted to go directly to Peripheral Centre without reporting to the department on the posting day. Attendance will be compensated on reporting to their respective department on next working day.

01/05/2022, Bhilai

Copy to- All concerned staff, PG students and Interns



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# **RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH, BHILAI**

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Managed by: GDR Educational Society.



Date: 15.06.2022

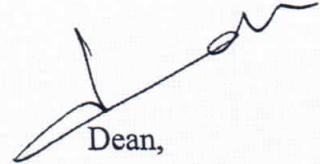
Ref. No./RCDSR/D.O/Admin./2022/ 4130(B)

## **Completion Certificate**

This is to certify that interns were posted in the Community Centre/ Satellite Centre at Nehru-Nagar, Bhilai and they have successfully completed their community posting as per attached list.

Staff coordinator

Dr.Ram Tiwari



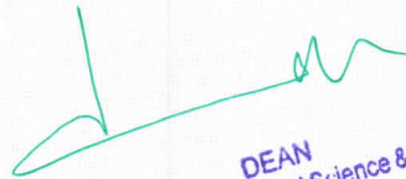
Dean,

Rungta College of Dental Sciences

And Research, Bhilai

**DEAN**

Rungta College of Dental Science & Research,  
Kohka Road, Kurud, Bhilai (C.G.)



**DEAN**  
Rungta College of Dental Science & Research  
Kohka Road, Kurud, Bhilai (C.G.)

## A REPORT ON

### VISIT TO SWAROOP SURGICALS AS AN **INDUSTRY VISIT**

On 17.08.2022 The MDS 2<sup>nd</sup> year & BDS 2<sup>nd</sup> year Students of RCDSR visited the Swaroop Surgicals, Bhilai CG under the guidance of Dr Ram Tiwari as part of their academic coursework. The purpose of the visit was to know about the different parts of Dental Chair and the protocol for the part's assembly and maintenance.

In today's world, medical equipment and supplies play a crucial role in diagnosing, monitoring, and treating diseases. Without proper medical supplies, it becomes challenging for healthcare professionals to provide adequate care to their patients. Therefore, it is essential for any healthcare institution to have the best quality equipment and material management systems in place to ensure the best patient care.

In the case of dental equipment, it becomes even more critical as it directly affects the patient's oral health. Faulty or sub-standard dental equipment can lead to severe consequences, including infections, pain, and even permanent damage to the teeth or gums. Therefore, it is necessary for every dental student to have a good understanding of the durability and quality of dental equipment to ensure they provide the best care to their patients.

The college authority allowing students to visit Swaroop Surgicals is a great initiative as it will help them gain practical knowledge and hands-on experience with dental equipment. This will equip them with the necessary skills and knowledge to make informed decisions when selecting equipment and supplies for their practice in the future.

Overall, it is imperative for healthcare institutions to prioritize material management and equipment quality to provide the best care possible to their patients, and it is equally essential for students to have a good understanding of these aspects to become successful healthcare professionals.



  
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Dental Equipment expert demonstrating students to process of assembling the dental chair parts



A technical expert showing how to fix the dental chair and other equipment's minor problems



Photo of students attended the industry visit



# RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH

Managed by : GDR Educational Society

AN INITIATIVE BY SANJAY RUNGTA

Ref. No./RCDSR/D.O/Admin./2022 303-A

Date: 10/08/2022

## CIRCULAR

This is to inform all HODs of all the departments that Rungta College of Dental Sciences & Research, Bhilai is organizing an Industry Visit to Swaroop Surgicals, Bhilai for the BDS 2<sup>nd</sup> year and MDS second year students of all Departments on 17.08.2022 (Wednesday) from 10:00 AM, as a part of their academic Industry Visit.

It is hereby directed to the concerned faculty/in charge to kindly relieve the students from their respective departments for the above-mentioned visit from 10:00 am.

Event coordinator-Dr. Ram Tiwari

  
Dr. Karthik Krishna M.

Dean

Copy to:

1. HOD/Incharges of all departments.
2. Chairman Sir (For information).
3. Coordinator – College Administration
4. Student Notice Board.
5. Office Copy



  
DEAN  
Rungta College of Dental Science &  
Kohka Road, Kurud, Bhilai

## LIST OF STUDENTS ATTENDED THE SWAROOP SURGICALS DENTAL WORKSHOP AS AN INDUSTRY VISIT

1	AANCHAL SANJAY SHAHU
2	ADITI TIWARI
3	ADYASHA PANIGRAHI
4	AFRIN ANSARI
5	AKANKSHYA PRIYADARSHINI SARANGI
6	ANINDA NANDI
7	ARUSHI SRIVASTAVA
8	ASHMITA SRIVASTAWA
9	ASHUTOSH KUMAR
10	AVISHKAR KUMAR
11	DANISH KHAN
12	DEVESH KUMAR
13	DIVYA AGRAWAL
14	ISHA BHATT
15	ISHIKA JAIN
16	KRITI CHAUHAN
17	MANJU KUMARI
18	MANSI AGRAWAL
19	MANSI CHANDAK
20	NEELAM SAHU
21	NIKHIL PARATKAR
22	PRATIK PATRA
23	PRITHA ROY
24	PANDHARE NACHIKET
25	RAVIKA DEWANGAN
26	RINKI SINGH
27	RIZA AZEEM
28	SAI SPANDAN BEHERA
29	SAKSHI RAJ
30	SATYA SONI
31	SHAMBHAVI JHA





# RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH

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32	SHILALIPI PARIDA
33	SHREYA NANDESHWAR
34	SHUBHAM JAISWAL
35	SHUBHANGI TIWARI
36	SIDDARTH ROY CHOUDHURY
37	SIMRAN GUPTA
38	SRABONI SARKAR
39	SWAYAM PRAVA DASH
40	VEDANGI D INDURKAR
41	ADITI SARJARE
42	ARPIT MALODIYA
43	ANINDITA DUTTA
44	ASHUTOSH PANDEY
45	KHEVENDRA SINGH THAKUR
46	KHANAK SHARMA
47	SAKSHI TIWARI
48	SHAILJA RAUTKAR
49	DR. POONAM AGRAWAL
50	DR. SHUBHAM BHUKTAR
51	DR. DEVIKARANI S. KHURPADE
52	DR. KHUSHBU KHANDELWAL
53	DR. ANKITA A ROY
54	DR. PEDITHAM RAMESH
55	DR. TEJASHREE D. PUNDGE
56	DR. KHUSHBU JAIN
57	DR. DHAMMA S GADPAL
58	DR. ANKIT DUPARE
59	DR. SUNNY KUMAR SINGH SIKARWAR
60	DR. ANAMIKA PANDEY
61	DR. ISHITA DWIVEDI
62	DR. TEJAS PREMRAJ BANARASE
63	DR. RITIKA MUNDHRA
64	DR. VASUNDHARA BHUWAL
65	DR. RAKSHANDA WANJARI



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Kohka Road, Kurud, Bhilai. (C.G.)

66	DR. ULUPI A PANAT
67	DR. ASHLESHA A MEHAR
68	DR. VAIBHAV GAUTAM TAKSANDE
69	DR. NIKITA CHHABRIA
70	DR. AMIT V. TANDULKAR
71	DR. SAGNIK BHATTACHARYA
72	DR. PULOMA BAGCHI
73	DR. ANUSHREE KOYANDE
74	DR. SANHATI BISWAS
75	DR. ABHISHEK HIRWANI
76	DR. ASHIDA S. BLESSON
77	DR. SYEDA NAZIA HASAN
78	DR. SASWATI MOHANTY
79	DR. KRITIKA KEJRIWAL
80	DR. PRABHAT KUMAR KAWALE



*[Handwritten Signature]*  
Rungta College of Dental Science & Research  
Kohka Road, Kurud, Bhilai (C.G.)



# SWAROOP SURGICALS

ADDRESS - 18/4A MAITRI NAGAR RISALI BHILAI  
DIST - DURG - 490006 CHHATTISGARH  
GSTIN - 22ATIPB0630Q1ZW

Date : 17.08.2022

## CERTIFICATE

This is to certify that the BDS 2<sup>nd</sup> year & MDS 2<sup>nd</sup> year Dental Students of Rungta College of Dental Sciences and Research, Bhilai, have visited our Dental Workshop and they have learned about the different parts of Dental Chair and the protocol for the part's assembly and maintenance. I hope this visit to Dental Workshop might have been beneficial for them. All the best for their future.

Enclosed: List of students participated in Dental Workshop visit as an industry visit.



7489057118 / 9826178085

SWAROOPSURGICALS@GMAIL.COM



DEAN  
Rungta College of Dental Science & Research  
Kohka Road, Kurud, Bhilai (C.G.)



## Report On

### Industry Visit to Dental Lab

#### Introduction:

On 11<sup>th</sup> July 2022

The interns of RCDSR had the opportunity to visit Vaishnavi Digital Dental Laboratory, Raipur which specializes in the production of dental prosthetics using digital technology. This report outlines the observations and experiences during the visit.


#### Overview of the Laboratory:

The laboratory was equipped with state-of-the-art digital technology, which included computer-aided design (CAD) software, 3D scanners, and milling machines. The lab was divided into different sections for various tasks such as scanning, design, and manufacturing.

#### Observations and Experiences:

During the visit, The students were impressed by the level of precision and accuracy that was achievable with digital technology. The technicians used 3D scanners to capture accurate impressions of the patient's teeth and gums, which could then be used to create digital models of the prosthetics. The CAD software allowed them to design the prosthetics with a high degree of accuracy and control over the shape, size, and fit.



  
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# RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH

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AN INITIATIVE BY SANJAY RUNGTA

Ref. No./RCDSR/D.O/Admin./2022/ 277 A-1

Date: 09/07/2022

## CIRCULAR

This is to inform all HOD's/ Incharges that RCDSR, BHILAI is organizing a field visit to Shri Vaishnavi Dental Laboratory, Raipur, for the Interns on 11.07.2022 from 10:00 AM.

It is hereby directed to the concerned faculty/In charge to kindly relieve the Interns from the postings for the above mentioned visit from 10:00AM.

Dean

RCDSR

Copy to:

1. HOD/Incharges of all departments.
2. Chairman Sir (For information).
3. Student Notice Board.
4. Office Copy



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Kohka Road, Kurud, Bhilai (C.G.)



Computer Aided Design - Advance equipment for formation of crown



Technician showing the procedure of manufacturing of crown

Once the design was complete, the technicians transferred the digital model to a milling machine, which could then carve out the final product from a block of material, such as zirconia or acrylic resin. The use of milling machines ensured that the final product was produced with a high level of accuracy and consistency.



Equipment for fabrication of crown

The technicians in the lab also emphasized the importance of quality control, which included multiple checks at each stage of the manufacturing process to ensure that the final product met the required specifications.



Lab expert discussing about the equipment and its function




Students observing the process of fabrication of crown

### Conclusion:

Overall, the visit to the digital dental laboratory was an eye-opening experience that highlighted the potential of digital technology in dentistry. The precision and accuracy achievable with digital technology have the potential to revolutionize the field of dental prosthetics, making the process faster, more efficient, and more precise than traditional methods. The use of digital technology also allows for greater customization and personalization of prosthetics, ensuring a better fit and a more natural appearance.



  
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## List of Students Attended the Dental Lab Visit

1	AASTHA MUDGAL
2	ABHRARUP MONDAL
3	ADURTI DOEL ASLESHA
4	AKANSHA SINGH
5	AMISHA KUMARI
6	ANANYA AGRAWAL
7	ANANYA BISWAS
8	ARUNIMA SARKAR
9	ANWESH MISHRA
10	ASHMA SAMUEL
11	ASHWARYA RATHORE
12	AVANTIKA MISHRA
13	BAISHALI AGRAWAL
14	BHANVI JAGATRAMKA
15	C AISHWARIYA NAIDU
16	CHANCHAL MATAWALE
17	CHINMAYEE PRANATI
18	DISHA ACHARYA
19	DIVYANI KASHYAP
20	EKTA WADHWANI
21	GARIMA SINGH
22	GARIMA TIWARI
23	HARSHIT SAKUNIA
24	HARSHITA TUWANI
25	HELAN SAHU
26	JEETENDRA PARIHAR
27	JUHI MADHUKAR DOYE
28	KAJAL CHANDRAKAR
29	KAMLASHNA GUPTA
30	KOMAL KHUNTE
31	LATIKA DEWANGAN
32	M GAUTAMI NAIDU



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33	MAURYA PRAGATI VIJAY
34	MEKHA SASIKUMAR
35	MITRESH PARASAR
36	MRIDULA NAIR
37	MUSKAN AGRAWAL
38	NEHA SHUKLA
39	NEHA TIWARI
40	NIDHI
41	NISHANT KUMAR MISHRA
42	PALAK AGRAWAL
43	P.CHARULATA SREE
44	BORKAR PREETI DULICHAND
45	PURBALEE BARMAN
46	PURVI VISHWAKARMA
47	RASHMI CHANDRAKAR
48	RESHMA SUBHASH SURYAWANSHI
49	RIA SINGH
50	RUCHI TIWARI
51	SAKSHI BARDE
52	SANDEEP KUMAR AGRAWAL
53	SAIKATI MONDAL
54	SAMIM IQBAL
55	SHAMBHAVI AGRAWAL
56	SHAMBHAVI THAKUR
57	SHIFA NADIR KHIMANI
58	SHREYA JAIN
59	SHRISTI DIXIT
60	SIDDHARTH SHANKAR BERA
61	SIMRAN SUBUDHI
62	S K NASIMUDDIN
63	SMRITI SAHA
64	SUMIT KUKREJA
65	SURABHI RANI
66	SURAJ KUMAR MAHAR
67	SWETA DAS
68	TANIYA DEWANGAN
69	TWINKLE GANGWANI



Sanjay Rungta  
Rungta College of Dental Science & Research  
Kohka Road, Kurud, Bhilai (C.G.)

70	VAISHNAVI SHARMA
71	VANI THAKUR
72	VIBHUTI BHONSLE
73	VINAY TIWARI
74	YOGESH JAISWAL
75	RAHILA RAHMAN
76	ANIKET GUPTA
77	KESHAV SHARMA
78	MANGALAM KUMAR
79	ANJALI SHARMA
80	SOUBARNA HAZRA
81	REWATI DEWANAND PIMPALKAR
82	PEDDINA ALIKYA
83	SWATI KHANDELWAL
84	ANUBHUTI DEWANGAN
85	ANUSHKA GROVER
86	ARIJIT CHATTERJEE
87	ARNIT SAXENA
88	BHARTI TIWARI
89	DAMINI KAIWARTYA
90	GAYATRI SAPKAL
91	HARSHIT PASRIJA
92	NIKITA TULI
93	NISHA CHANDRAKAR
94	PRIYANKA MOHAKUD
95	PRIYANKA SWAIN
96	RISHIKA RANI
97	SANJANA VINOD
98	SAKSHI BALODIYA
99	SOURABH KU SINGH
100	S P RAJNANDINI DASH
101	SUBHAJEET GUHA
102	VINEETA DEWANGAN
103	FALGUNI GUPTA
104	ANIMESH KU BISWAS



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105	GEETIKA PATRO
106	GUNESHWAR



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SHRI ISO 9001-2015 CERTIFIED  
**VAISHNAVI DENTAL**

TECHNOLOGY 

DIGITAL DENTAL LABORATORY



plot No-46, Simran city, chourasiy  
colony ,Raipur Chattisgarh 49200

Branch : kalpana nagar piplar  
bhopal madhyaprades  
: vdtraipur@gmail.com

TO,  
RUNGTA COLLEGE OF DENTAL SCIENCES  
AND RESEARCH, BHILAI

DATE: 11/07/2022


This is to certify that the students of **RUNGTA COLLEGE OF DENTAL SCIENCES AND RESEARCH, BHILAI** pursuing Internship have successfully completed their visit to our Dental Lab **VAISHNAVI DENTAL TECHNOLOGY, DIGITAL DENTAL LABORATORY, RAIPUR**. They have learned about the various advanced equipments available in our state of the art Dental Lab. Procedures required for fabrication of different types of crowns have been thoroughly explained to the students.

**RCDSR Coordinators:**

DR. PUSHPENDRA SINGH YADAV

DR. GAURAV AGRAWAL



  
PROPRIETOR/MANDATEE  
VAISHNAVI DENTAL  
TECHNOLOGY, RAIPUR

Vishal Singh Thakur

**DIRECTOR**

**Vaishnavi Dental Technology**

Digital Dental Laboratory Raipur

Chhattisgarh

DEAN

Rungta College of Dental Sciences & Research  
Kohka Road, Bhilai (C.G.)

plot number -46, simran city

9826311198

plot number -46, simran city,  
chaurasiva colony, Raipur

9826311198

## Report on

### **Industry Visit** to Regional Clinical and Infectious Disease Laboratory, Bhilai

#### **Introduction:**

On June 6, 2022 The MDS Students of RCDSR visited the Regional Clinical and Infectious Disease Laboratory, Bhilai CG under the guidance of Dr Pushendra Singh Yadav and Dr Gaurav Agrawal as part of their academic coursework. The purpose of the visit was to gain practical knowledge and hands-on experience of microbiology laboratory techniques and procedures.

RCID labs provides students with various opportunities to learn an experiment for any type of research work or scientific studies at academic level and introduce various advanced equipment and use of various tools in laboratories to aid in diagnostic treatment and prevention of disease.


#### **Facilities and Equipment:**

The laboratory was well-equipped with modern equipment and facilities. There were laminar flow hoods, centrifuges, incubators, autoclaves, and microscopes. The laboratory was also equipped with safety measures such as safety cabinets, gloves, masks, and protective clothing to ensure the safety of students and staff.

#### **Lab Procedures:**

During the visit, Students observed various laboratory procedures and techniques. One of the procedures that was taught to the students was The Preparation of Bacterial Culture. The process involves aseptically transferring a small sample of bacteria onto a sterile nutrient agar plate, which is then incubated at a specific temperature to allow for the growth of the bacteria.



  
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Dr. Shrutica Tamrakar discussing about the procedure & Equipments available in the lab


Other processes observed were the process of Gram staining, which is used to differentiate bacteria into two broad categories, Gram-positive and Gram-negative, based on their cell wall structure. The technique involves staining the bacteria with crystal violet, followed by a decolorizing step and counterstaining with safranin.

Furthermore, The Students learned about the process of bacterial identification using various biochemical tests. This involves testing for the presence or absence of specific enzymes or metabolic pathways to identify the bacteria.

### Conclusion:

The visit to the microbiology laboratory was an enriching experience as it provided the students with hands-on experience and practical knowledge of microbiology laboratory techniques and procedures. Students were able to observe various laboratory procedures and equipment, which has deepened the understanding of the subject.



  
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Khar...



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Picture of the Lab



Photo of Lab Director with students attended the lab as industry visit



*[Handwritten signature]*  
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Kohka Road, ...



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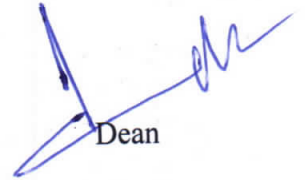
Ref. No./RCDSR/D.O/Admin./2022 277-A

Date: 03/06/2022

## CIRCULAR

This is to inform all HODs of all the departments that RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH, BHILAI is organizing a visit to regional clinical and infectious disease laboratories, Bhilai for the MDS students of all departments on 06.06.2022 from 10:00AM. It is hereby directed to the concerned faculty/in charge to kindly relieve the MDS students from their respective departments for the above-mentioned visit from 10:00 am.

Event Coordinator: Dr. Reena Kulshreshtha

  
Dean  
RCDSR

Copy to:

1. HOD/Incharges of all departments.
2. Chairman Sir (For information).
3. Student Notice Board.
4. Office Copy



  
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**LIST OF STUDENTS ATTENDED THE LAB VISIT**

S.No.	NAME OF STUDENTS
1	DR.MANISHA M.YADAV
2	DR. AJMIRE SAMIKSHA VIJAY
3	DR.JYOTSNA SHARMA
4	DR.K.JYOTHI
5	DR.MD.VIKHASUDDIN
6	DR.SABREENA WILLIAMSON
7	DR.KANCHAN AGRAWAL
8	DR.LAWANYA CHANDRAKAR
9	DR.POOJA BAJAJ
10	DR.PANKAJ DHANAJAY KALE
11	DR.BHANSALI GUNJAN RAJESH
12	DR.GANDHEWAR KARTHIK
13	DR.ALIZA ALI
14	DR.PRIYANKA BHOI
15	DR.AASTHA VAISHNAV
16	DR. UKEY VIPLOVE TRISHARAN
17	DR. POONAM AGRAWAL
18	DR. SHUBHAM BHUKTAR
19	DR. DEVIKARANI S. KHURPADE
20	DR. KHUSHBU KHANDELWAL
21	DR. ANKITA A ROY
22	DR. PEDITHAM RAMESH
23	DR. TEJASHREE D. PUNDGE
24	DR. KHUSHBU JAIN
25	DR. DHAMMA S GADPAL
26	DR. ANKIT DUPARE
27	DR. SUNNY KUMAR SINGH SIKARWAR
28	DR. ANAMIKA PANDEY
29	DR. ISHITA DWIVEDI
30	DR. TEJAS PREMRAJ BANARASE
31	DR. RITIKA MUNDHRA
32	DR. VASUNDHARA BHUWAL
33	DR. RAKSHANDA WANJARI
34	DR. ULUPI A PANAT
35	DR. ASHLESHA A MEHAR



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36	DR. VAIBHAV GAUTAM TAKSANDE
37	DR. NIKITA CHHABRIA
38	DR. AMIT V. TANDULKAR
39	DR. SAGNIK BHATTACHARYA
40	DR. PULOMA BAGCHI
41	DR. ANUSHREE KOYANDE
42	DR. SANHATI BISWAS
43	DR. ABHISHEK HIRWANI
44	DR. ASHIDA S. BLESSON
45	DR. SYEDA NAZIA HASAN
46	DR. SASWATI MOHANTY
47	DR. KRITIKA KEJRIWAL
48	DR. PRABHAT KUMAR KAWALE
49	DR. TUPKARI SIMRAN HARSHAL
50	DR DHANVIJAY TUSHAR SEWAK
51	DR. PRATEEK GUPTA
52	DR. APURVA CHATURVEDI
53	DR. DEORE GAURAV DILIP
54	DR. DISHA JAIN
55	DR. WADIGHARE SHALVI PURUSHOTTAM
56	DR. MD AHMED ALI KHAN
57	DR. MONIKA RAJKUMAR VIDHANI
58	DR. ANIKET RAMESH HEDAHO
59	DR. KONMANDA JOCHABED SAFFRAN
60	DR. KANISHKA FATTECHAND BASEN
61	DR. SHRIYA RAJAK
62	PRAGATI MAHAJAN
63	DR. ASHA GUPTA
64	DR. HARSHA PURANLAL TEMBHARE
65	DR. ISHA ISRAIL SHEIKH
66	DR. RANJAN KUMAR DAHIYA
67	DR. CHAITANYA SONBARAO SALVE
68	DR. VANYA DUBEY( CHATURVEDI)
69	DR. ANKIT SHARMA
70	ABHINAV KUMAR
71	DR. SNEHI



TO,  
**RUNGTA COLLEGE OF DENTAL  
SCIENCES AND RESEARCH,  
KOHKA-KURUD ROAD,  
BHILAI, CHHATTISGARH**

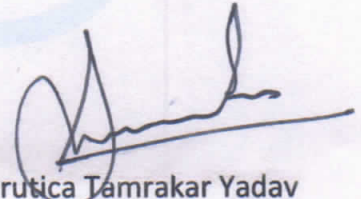
**Date: 06/06/2022**

This is to certify that MDS Students of **RUNGTA COLLEGE OF DENTAL SCIENCES & RESEARCH, BHILAI** have successfully completed their visit to Regional Clinical and Infectious Diseases Laboratories, Bhilai on 06/06/2022. They have seen various Advanced Equipments and learned about the use of various tools in laboratory to Aid in Diagnosis, Treatment & Prevention of Diseases.

**Staff Coordinators**

Dr. Pushendra Singh Yadav

Dr. Gaurav Agrawal



Dr. Shrutica Tamrakar Yadav

Director

Regional Clinical and Infectious  
Diseases Laboratories  
Bhilai , Chhattisgarh



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