

Oral Cancer Screening Project of BSL Ltd, Bhilwara, Rajasthan REPORT

Burden of the Disease:

Cancers of the lip, oral cavity, and oropharynx are among one of the most common cancers, with approximately 400,000 incident cases globally. There is a particularly high burden of the disease in our country due to exposure to high-risk factors. Around 80-90% of oral cancers are directly attributable to tobacco use. In India, lip and oral cavity cancer are the most common cancer amongst men (15.6% of all cancers) and fourth most common amongst females (5% of all cancers), According to Globocan 2022, oral cancer is the second most common accounting for 10.2% incidence rate and the mortality rate 5.6 per 100,000 of the population. The estimated age standardized 5-year prevalence rate was 11.4 per 1,00,000 population.

The mean age of oral cancer is 50 years. OCs are usually preceded by asymptomatic clinically evident oral lesions referred as Oral Potentially Malignant Disorders (OPMDs). The overall survival of Indian patients with oral cancer is 20-25% lower than that reported for patients in developed countries.

Need for the Program:

Diagnosis is often delayed in low-resource settings, patients living in rural areas have poor access to primary health care, low health literacy, and problematic adherence to follow up. Diagnosis of oral cancer at an early stage offers the best chance for improved survival, decreased morbidity and cost of treatment.

However, the conventional method of screening has a few limitations. Poor patient compliance for follow up is one of the main drawbacks. Rigid follow up to monitor the progression of Oral Potentially Malignant Disorders (OPMDs) is very critical. The other limitations include lack of permanent portable record of data after screening, slow rates of information transfer and poor communication between primary provider and specialist. Tele-diagnosis is a valuable approach to provide specialist expertise to low resource settings to empower Frontline Healthcare Providers (FHPs) in a community-based screening program, for early detection of oral cancer.

In Bhilwara, a lack of awareness regarding the ill-effect of tobacco amongst the local population is noted, calls for a need for screening and early detection of oral cancer and precancerous lesions.

APPROACH:

The Oral Cancer Control program uses an mHealth module by which FHPs connect to specialists through a mobile app by capturing data and images of oral abnormalities in resource-constrained settings. The platform enables the creation of electronic health records and facilitates screening for oral cancer.

The mHealth system provides a continuous two-way communication, enabling triaging and tracking. This interface helps to connect specialists with the patients for diagnosis. It also creates an opportunity for follow up and referrals. This unique approach has a robust

surveillance to monitor high-risk groups in population-based and opportunistic screenings. The simple interface lends itself to effective data capture by health providers at all levels. The screening process is evidence based, as every patient has a unique patient identity correlated with their habit history and clinically relevant photographs. The program aims at reducing oral cancer burden and financial liabilities for the patients and improving the treatment outcome.

The Inclusion Criteria for the enrolment of the participants for mHealth screening -
Individuals fulfilling at least one of the criteria:

- ✓ All individuals aged above 18 years
- ✓ Having history of risk habits (Smoking/ chewing tobacco, betel leaf/nut, alcohol)
- ✓ Individuals with positive clinical signs (red or white patches, non-healing ulcers of the mouth that last more than 3 weeks, restriction of mouth opening, and swelling of the neck)

Screening Site: BSL Limited, incorporated in 1970 at Bhilwara, Rajasthan is engaged in the manufacturing fabrics along with furnishing and fashion fabrics. A total of 3400 employees are working in different sections of the company.

DAY 1

Oral Cancer Screening (OCS) program was conducted on 01/09/2023, at the BSL Ltd, Bhilwara Rajasthan. An inaugural event for the Oral Cancer Screening Program was conducted with dignitaries and trustee members of the BSL Ltd.

1. Baiswal Ji – Trustee of cancer foundation, Bhilwara
2. Balraj Acharya- Member Cancer Foundation Bhilwara
3. Bagrodia Ji- Member Cancer Foundation Bhilwara
4. Parmajeet Singh Phogat- Vice President Spinning Section
5. M S Khira- Vice President Export Marketing
6. P S Brar- General Manager Weaving section
7. Alik Sinha- General Manager Weaving section
8. Snajay Tripathi- General Manager- HR section
9. R D Jat- AGM- HR section
10. Dr. Lalith Mohan Sharma, Medical Oncologist, MG Hospital Jaipur
11. Dr. Indu Sharma, Community Medicine, MG Hospital Jaipur

On later part of the day, training of 15 Frontline Healthcare Providers (FHPs) to perform oral visual examination for early detection of oral cancer and Oral Potentially Malignant Disorders (OPMDs) and usage of mHealth app was conducted. Pre-test was conducted for the FHWs.

DAY 2

Trade union members were a part of the group. FHPs performed oral visual examination followed by technology based (mHealth) screening. The field screening was done on 2-09-2023, in the spinning section. A total of 86 subjects were screened, and 74 forms were uploaded in the mHealth interface.

DAY 3

Test was conducted post training. Concerns of the healthcare workers were addresses.

Expected Number to be screened: 3400 employees

Biopsy and counselling: Habit positive patients will be counselled for tobacco cessation by a psychiatrist and management of patients with lesions will be done by the team of doctors assigned by Mahatma Gandhi Hospital, Jaipur.

Expected outcome: All employees will be screened for early detection of OPMDs using mHealth technology Education for oral hygiene maintenance, self-mouth examination and awareness was provided for all the participants. High risk patients will be followed-up. Patients with OPMDs will be subjected to biopsy and managed accordingly.

*Consent form: will be obtained by Mahatma Gandhi Institute of Medical Sciences, in the upcoming sessions for counselling and biopsy of the lesions.

Devices delivered: 2 mobiles (Motog6 model) are been handed over with signed GRN form.

List of trainees

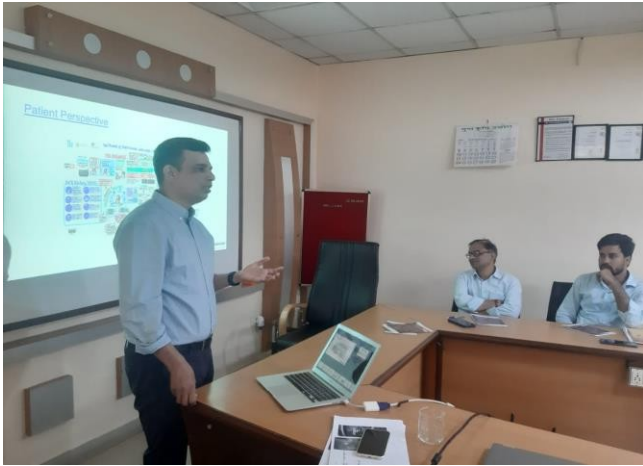
- | | |
|------------------------|-------------------|
| 1) Trilok Chand Koli : | 9) Rahul |
| 2) Ghanshyam Kumhar | 10) Govind |
| 3) Ashok Kumar maloo | 11) Nitin |
| 4) Ramraj | 12) Grish goutam |
| 5) Prahlad | 13) Arun parashar |
| 6) Jagnarayan singh | 14) Ganesh |
| 7) Gopal | 15) Goru Khan |
| 8) Bhupendra | |

Key Contact:

1. Sanjay Tripathy : 9928260721
2. Ashok Kumar Maloo :- 9413219521

PHOTO GALLERY

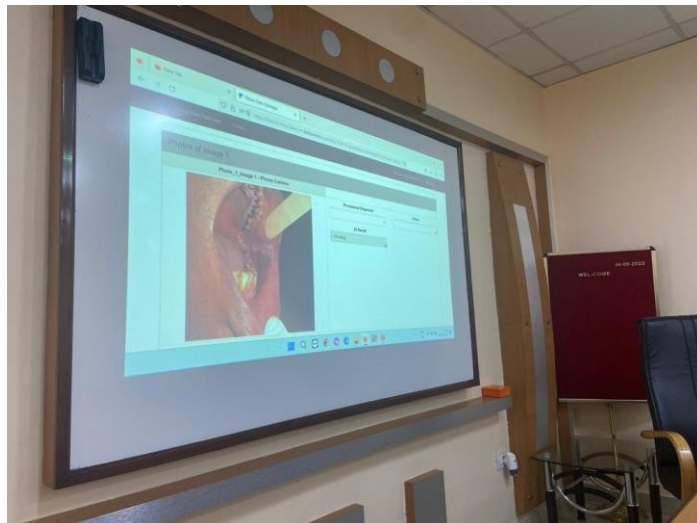
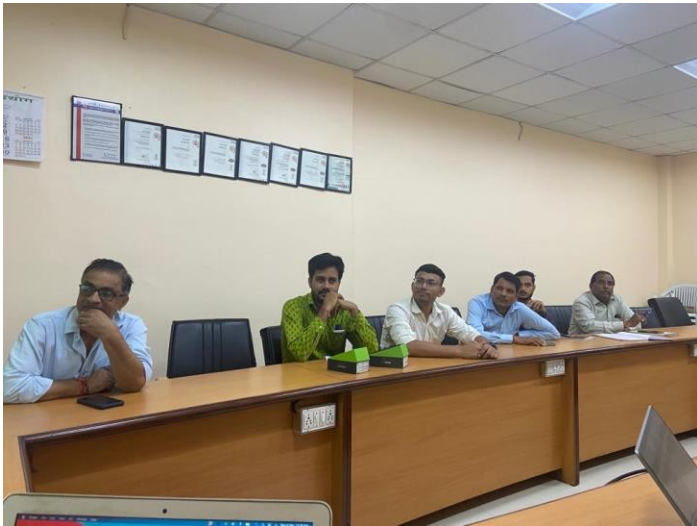
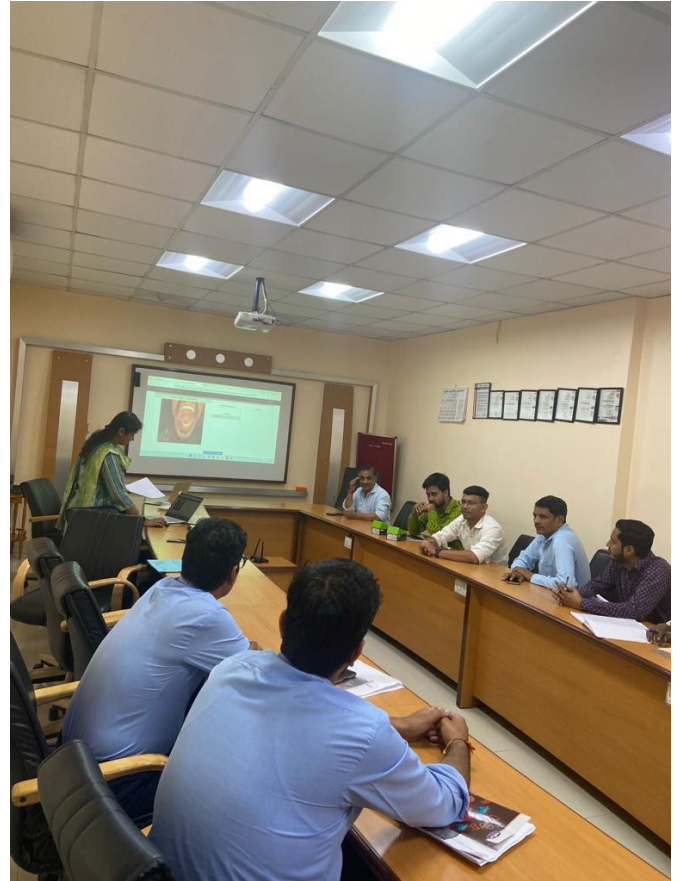
DAY 1: 2nd September 2023



DAY 2: 3rd September 2023



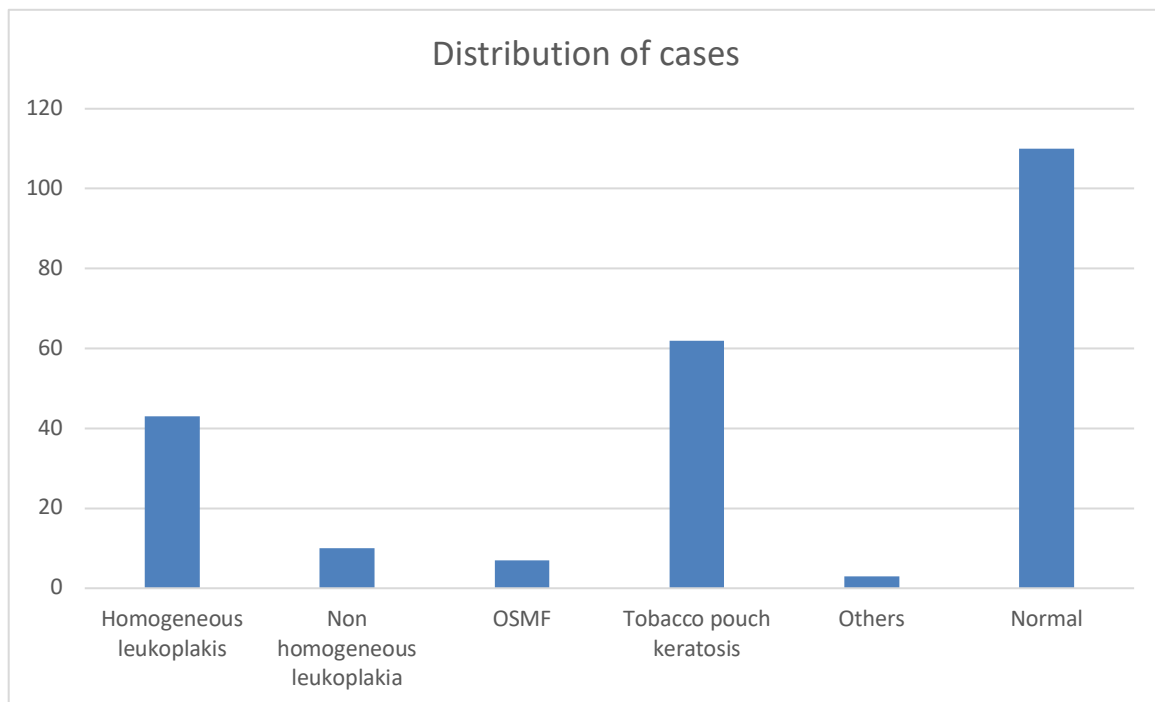
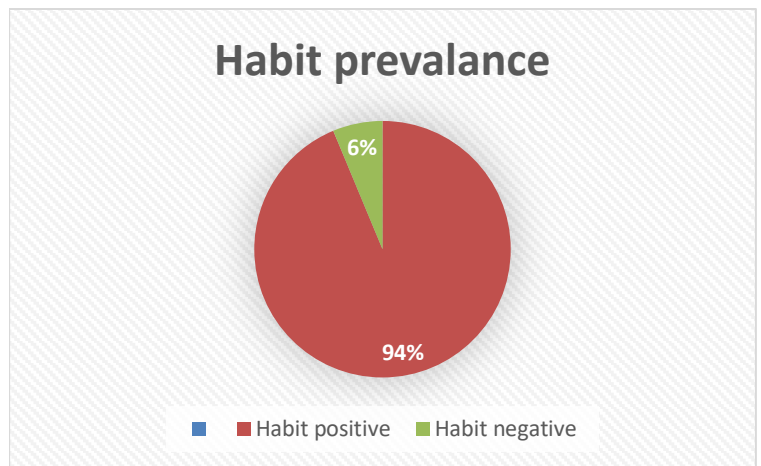
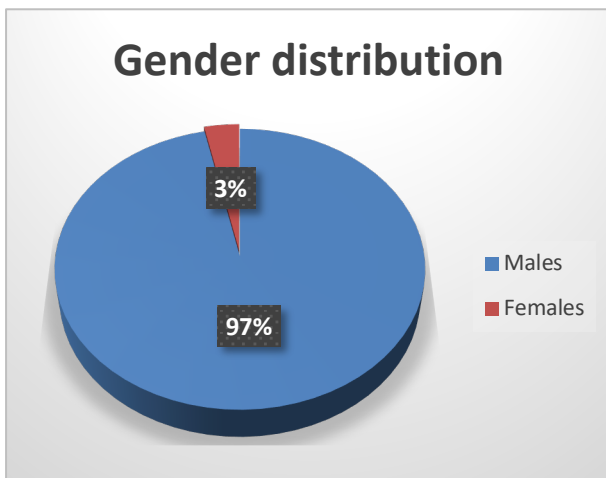
DAY 3: 4th September 2023



Overview:	
Duration of screening conducted	1.9.2023 to be filled
Total screened	239
Habit prevalence	224 (93.7%)
Disease prevalence	122 (54.4%)
Total number of participants to be followed up	224

(Kindly provide the details of histopathological diagnosis)

GRAPHICAL REPRESENTATION OF THE DATA



Oral Cancer Screening Project of Nashik, Maharashtra REPORT

Burden of the Disease:

Cancers of the lip, oral cavity, and oropharynx are among one of the most common cancers, with approximately 400,000 incident cases globally. There is a particularly high burden of the disease in our country due to exposure to high-risk factors. Around 80-90% of oral cancers are directly attributable to tobacco use. In India, lip and oral cavity cancer are the most common cancer amongst men (16.1% of all cancers) and second most common amongst females (10.4% of all cancers). According to Globocan 2020, the incidence rate and the mortality rate was 10.3% and 5.4 per 100,000 of the population, respectively. The estimated age standardized 5-year prevalence rate was 19.59%.

The mean age of oral cancer is 50 years. Oral cancers are usually preceded by asymptomatic clinically evident oral lesions referred as Oral Potentially Malignant Disorders (OPMDs).

The overall survival of Indian patients with oral cancer is 20-25% lower than that reported for patients in developed countries.

Need for the Program:

Diagnosis is often delayed in low-resource settings, patients living in rural areas have poor access to primary health care, low health literacy, and problematic adherence to follow up. Diagnosis of oral cancer at an early stage offers the best chance for improved survival, decreased morbidity and cost of treatment.

However, the conventional method of screening has a few limitations. Poor patient compliance for follow up is one of the main drawbacks. Rigid follow up to monitor the progression of Oral Potentially Malignant Disorders (OPMDs) is very critical. The other limitations include lack of permanent portable record of data after screening, slow rates of information transfer and poor communication between primary provider and specialist. Tele-diagnosis is a valuable approach to provide specialist expertise to low resource settings to empower Frontline Healthcare Providers (FHPs) in a community-based screening program, for early detection of oral cancer.

An outreach to provide access to oral health care in limited resource settings is vital in improving oral care and in downstaging oral cancer. Among various resource settings in India, the tribal regions at Nashik have limited access to medical care, lack of awareness and has reported widely prevalent adverse habits. Hence, there is a need to reach this rural population for early detection of oral cancer and OPMDs.

Approach:

The Oral Cancer Control program uses an mHealth module by which FHPs connect to specialists through a mobile app by capturing data and images of oral abnormalities in resource-constrained settings. The platform enables the creation of electronic health records and facilitates screening for oral cancer.

The mHealth system provides a continuous two-way communication, enabling triaging and tracking. This interface helps to connect specialists with the patients for diagnosis. It also creates an opportunity for follow up and referrals. This unique approach has a robust surveillance to monitor high-risk groups in population-based and opportunistic screenings. The simple interface lends itself to effective data capture by health providers at all levels. The screening process is evidence based, as every patient has a unique patient identity correlated with their habit history and clinically relevant photographs. The program aims at reducing oral cancer burden and financial liabilities for the patients and improving the treatment outcome.

The screening program at Nashik has been supported by Biocon Foundation in association with KBH Dental College and Hospital, Nashik and Rotary Club, Nasik. The screening site was a group of villages in a tribal belt on the outskirts of Nashik.

Oral Cancer Screening (OCS) training program was conducted on 29-09-2023 and 30-09-2023, at Rohile Village, Nashik, Maharashtra. The training and screening were conducted at Primary Ashram School run by Mahatma Gandhi Vidyamandir Trust.

Activities on Day 1:

The program was inaugurated by the village Sarpanch in the presence of Dr. Anupama Shetty, Director, Biocon Foundation. Dr. Praveen Birur, Lead, Oral Cancer Screening, Biocon Foundation, and Dr. Shubhasini AR provided training to the health workers.

A pre-test was conducted for 9 Frontline Healthcare Providers (FHPs). The FHPs were volunteers from among teachers at the school and residents of Rohile Village. They were then provided training on disease prevalence, examination of oral cavity and use of mobile application.

They were assigned two mobile phones. The FHPs performed oral visual examination followed by technology based (mHealth) screening for 17 individuals from the village the same evening, of which 7 cases had OPMD on remote diagnosis.

Activities on day 2:

Training on examination of the oral cavity and use of mobile phone was reviewed. Difficulties faced by the FHPs in terms of advocating tobacco cessation, oral cavity examination, and data entry in mobile phone were resolved. Training for uploading data from the phone was provided. A demonstration of the web portal was also provided, and the importance of obtaining good photographs was emphasized. A post-training test was conducted.

Next steps:

Expected Number to be screened: Population in 5 villages

Biopsy and counselling: Habit positive patients will be counselled for tobacco cessation. Biopsy will be performed at KBH Dental College and Hospital. Further management of OPMD and Oral cancer when detected will be carried out in association with KBH Dental College and Rotary Club, Nashik.

Expected outcome: Residents of villages in the tribal belt will be screened for early detection of OPMDs using mHealth technology. Education for oral hygiene maintenance, self-mouth examination and awareness will be provided to all the participants. High risk patients will be followed-up. Patients with OPMDs will be subjected to biopsy and managed accordingly. Residents in remote low resource settings are expected to be benefitted by this screening program.

Annexure:

Devices delivered: 2 mobiles (Motog6 model) have been handed over and GRN form has been received.

List of trainees

1. Lilavati Raut
2. Laxman Pandaraj Bhoje
3. Khotare Tushar Tulsidas
4. Dinakar Ravan Shinde
5. Pradip Dattatrey Borse
6. Khotare Hira Walu
7. Gaurav Laxmesh Deone
8. Somnath Sudam Hatkar
9. Kailas Hiranman Waghare

Key Contact:

1. Dr. Nilima Prakash : 9689098897

PHOTO GALLERY

DAY 1: 29th September 2023





DAY 2: 30th September 2023



Oral Cancer Control- Insight into recent advances and innovations

Background- Oral cancer is significantly high in India, and screening is an effective approach to downstage the disease. Educating Community Health Workers (CHWs) on early oral cancer detection is an effective step toward reducing the burden and serves as a first step toward facilitating the transfer of knowledge. Therefore, the purpose of this hands-on education was to equip CHWs with insight on the advanced diagnostics, preventive techniques, and innovations for the early detection of oral cancer.

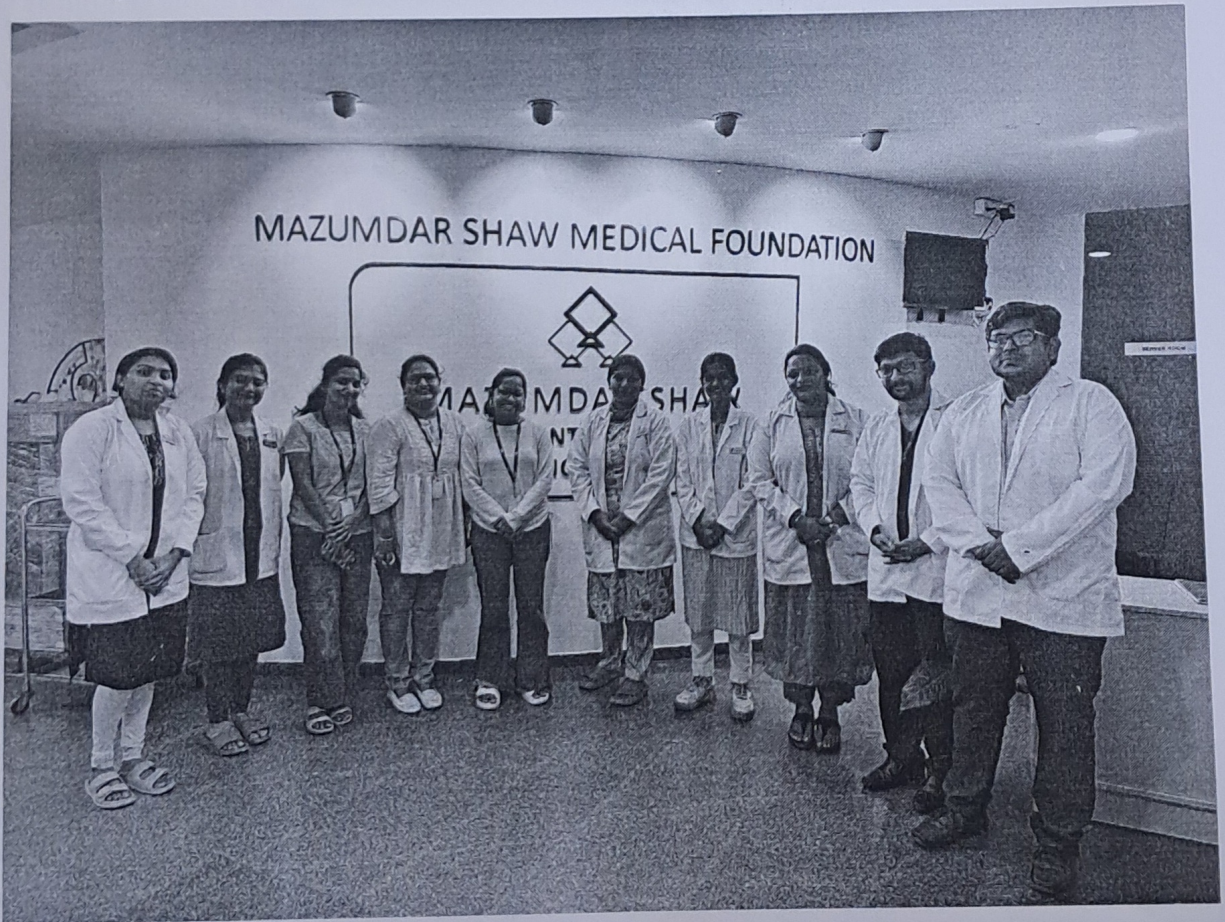
Summary of work done - A total of 178 participants were trained in two groups: Group 1 received training for screening and primary prevention, while group 2 received training on updates in recent diagnostic adjuncts and innovations, AI-enabled point-of-care diagnostics, and essential patient care in management of Oral Potentially Malignant Disorders (OPMDs). Pre- and post-assessment questionnaires were used to evaluate the participants. The knowledge assessment scores between the pre and post-tests showed a statistically significant difference ($p < 0.001$), with rise in mean score of 3.99 from baseline. Six months following training, knowledge retention revealed a statistically significant difference ($p < 0.001$) in the participants' ability to recall the information. A well-structured training module can create awareness, impart knowledge and upskill the CHWs for early detection of oral cancer. Retraining of CHWs is required for knowledge retention post-training.

Field screening photographs

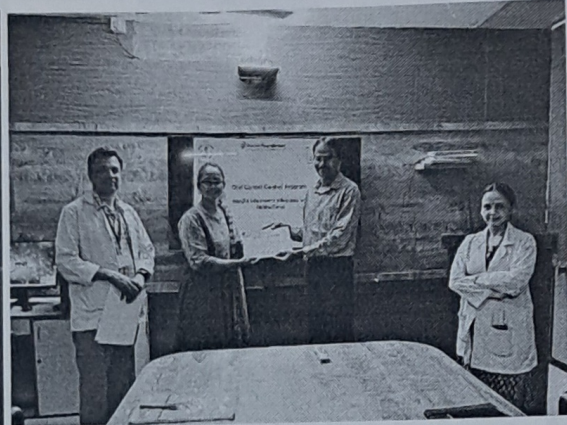




Training at MSMF



Training at KLE



Dr. [Signature]

Prof. & HOD Department of
Oral Medicine & Radiology
K.L.E. Society's Institute of
Dental Sciences
Bangalore - 22.

[Signature]

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KLE Society's Institute of Dental Sciences

Department of Public Health Dentistry

National Service Scheme Unit

In association with

IDA Bengaluru Branch



Report

World No Tobacco Day – 2023

Theme – Grow Food, Not Tobacco

<u>Sl No</u>	<u>Activities</u>	<u>Date</u>	<u>Venue</u>	<u>Pg NO</u>
1	Guest Lecture on- “Tobacco ill effects and COTPA Act” By Dr Vidya Rani PS, District Consultant, NTCP, Bengaluru Rural.	30.05.2023	Auditorium KLEDC	2
2	Events organised by Karnataka Cancer Society- a) Poster making b) Rangoli	31.05.2023 30.05.2023	Seshadripuram Main college campus	3
3	No Tobacco Booth	31.05.2023	Reception, KLEDC	4
4	Distribution of Health Education and Tobacco Cessation Material	31.05.2023	KLEDC	4
5	Outreach programme at Majestic metro station	31.05.2023	Majestic metro station	5
6	Outreach programme at Cubbon park Metro stations	31.05.2023	Cubbon Park	6

TECHNICAL SESSION ON ALTERNATIVE STRATEGIES FOR SUSTAINABLE FOOD

31.05.2023

GKVK,
BENGALURU 71

PROFESSOR & HEAD
Dept. of Public Health Dentistry

NSS PROGRAMME OFFICER

KLE Society's Institute of Dental Sciences
BENGALURU-560022

KLE Society's Institute of Dental Sciences
Bangalore-560022

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INSTITUTE OF DENTAL SCIENCES
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Guest Lecture on- "*Tobacco ill effects and COTPA Act*"

by Dr Vidya Rani PS, held at KLEDCAuditorium

on 30 May 2023 at 10.30 am.



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Rangoli Competition at Seshadripuram,
Main college campus on 30 May 2023.



Acknowledgement - Karnataka
Cancer Society

Poster competition –
Karnataka Cancer Society at
Seshadripuram



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BENGALURU-560 022.

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NSS PROGRAMME OFFICER
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No Tobacco Booth at KLEDC Reception.

Activities: 1. Awareness on ill effect of tobacco use.

2. Pamphlet distribution.



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Pamphlet Distribution at Cubbon Park Metro Station

on 31 May 2023



Indrath

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[Signature]

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Pamphlet Distribution at Majestic Metro Station

on 31 May 2023



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Technical Session on alternative strategies for sustainable food
organized by Consortium for Tobacco Free Karnataka (CFTFK)

31 May 2023

Attended: by Dr Shruthi Eshwar and Dr Aarya Bharadwaj



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**KLE Society's Institute of Dental Sciences,
Bangalore
Dept. Of Public Health Dentistry
National Service Scheme (NSS)**



Report

Blood Donation and Eye Check-up Camp 2023

Date: 19-10-2023 – 20-10-2023

Aravind B. Reddy
NSS PROGRAMME OFFICER
KLE Society's Institute of Dental Sciences
Bangalore-560022

*Subramanyam
21/10/2023*

Dr. S. S. S. S.
KLE SOCIETY'S
INSTITUTE OF DENTAL SCIENCES
BANGALORE

As a part of the *National Service Scheme*, a voluntary blood donation camp and Eye-check up camp was organized by KLE Society's institute of Dental Sciences, Bangalore on 20.10.23. The camp was conducted by the Department of Public Health Dentistry in association with the Department of Oral and Maxillofacial Surgery and Jeevaraksha Voluntary Blood Bank.

CIRCULAR FOR PARTICIPATION

K.L.E. SOCIETY'S INSTITUTE OF DENTAL SCIENCES, BANGALORE-52
DENTAL CAMP CIRCULAR

Place of camp	
Date of camp	19-10-2023 & 20-10-2023
Time	
Starting point	KLE Society's Institute of Dental Sciences
Time of assembly	

STAFF: *Dr. N. N. N.*

P.G. STUDENT: *Dr. Anand R. P.*
Dr. Ganesh

INTERNS: _____ ATTENDERS: _____

III BDS STUDENTS: _____ DRIVER: _____

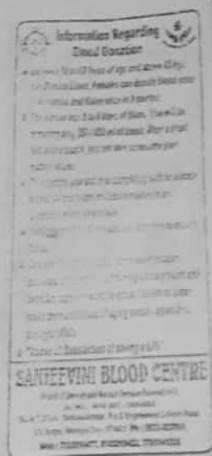
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PROFESSOR
KLE SOCIETY'S INSTITUTE OF DENTAL SCIENCES
BANGALORE-52

- **Venue:** (Blood Donation Camp) Dept of Oral and maxillofacial surgery
(Eye Check-up Camp) Museum of Dept. of Public Health Dentistry
- **Time:** 10:00 AM – 3:00 PM

Most of the faculty, non-teaching staff, students and patients showed active participation for the camp.



Bengaluru, Karnataka, India
 20, Tumkur Rd, Raja Industrial Estate, Yeswanthpur, Bengaluru, Karnataka 560022,
 India
 Lat 13.030728°
 Long 77.535843°
 19/10/23 02:25 PM GMT +05:30



An Orientation program was conducted on 19.10.2023 at the Department of Oral Pathology for briefing the first year students regarding blood donation. The benefits and eligibility criteria of blood donation were explained clearly and information pamphlets were distributed.



Bengaluru, Karnataka, India
 KLE Society's Institute of Dental Sciences - 20, Tumkur Rd, Raja Industrial
 Estate, Yeswanthpur, Bengaluru, Karnataka 560022, India
 Lat 13.030681°
 Long 77.535774°
 20/10/23 10:47 AM GMT +05:30



ida
Indian Dental Association
Bengaluru Branch



In association with Lions Club Of Bangalore Centennial Spandana
&

DEPARTMENT OF PUBLIC HEALTH DENTISTRY
"WELCOMES YOU ALL"

ORIENTATION
PROGRAMME

19TH OF OCT, 2023

TIME :- 02:30 PM

VENUE : KLES INSTITUTE OF DENTAL SCIENCES, BENGALURU

BLOOD DONATION
CAMP

20TH OF OCT, 2023

TIME :- 10:00 AM

FREE EYE
CHECKUP

20TH OF OCT, 2023

TIME :- 10:00 AM

VENUE : KLES INSTITUTE OF DENTAL SCIENCES, BENGALURU

DONATE
BLOOD
SAVE LIVES



Dr. B. K. Srivastava
Head of Department
Department Of Public Health Dentistry

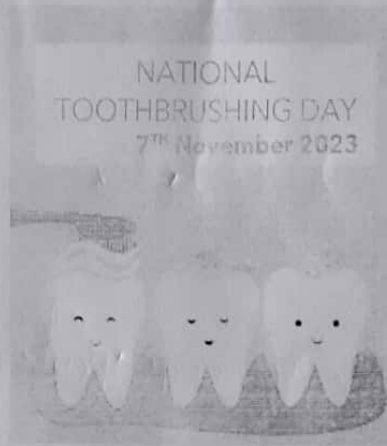


KLE Society's Institute of Dental Sciences
Bangalore



Dept. of Public Health Dentistry

National Service Scheme (NSS)



Report

National Toothbrushing Day 2023

Date: 7-11-2023

Ananya Bhattacharya
NSS PROGRAMME OFFICER
KLE Society's Institute of Dental Sciences
Bangalore-560022

Indira
20/11/2023
PROFESSOR & HEAD
Dept. of Public Health Dentistry
KLE Society's Institute of Dental Sciences
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The Department of Public Health Dentistry of KLE Society's Institute of Dental Sciences, Bangalore in association with *National Service Scheme*, conducted 'NATIONAL TOOTH-BRUSHING DAY- 2023', on 7TH November 2023.



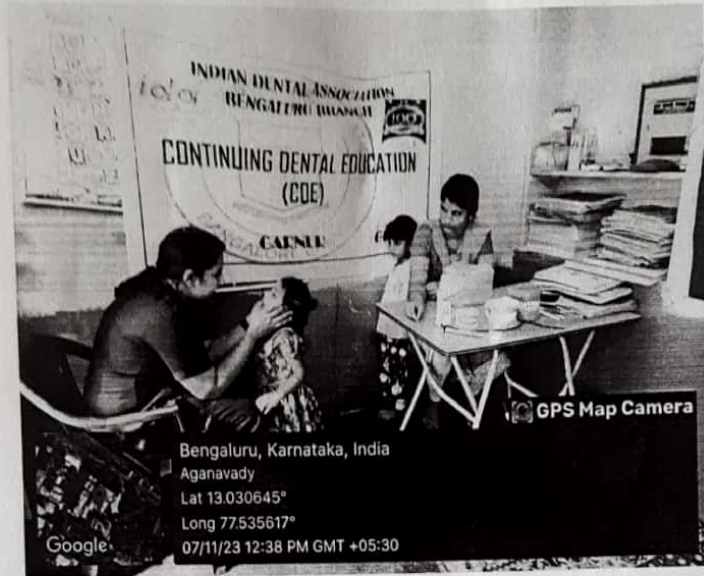
Oral hygiene Instructions & Toothbrushing methods were demonstrated to the patients, at KLE Society's Institute of Dental Sciences, Bangalore at the Reception area. Various models and charts were used to demonstrate the techniques. Patients were benefited and awareness regarding proper brushing techniques was created.

This was followed by field visit to the Goreguntepalya Anganwadi.

Brushing methods were demonstrated to the children of Anganwadi, by the Postgraduates & Interns of Department of Public Health Dentistry. Tell-Show-Do technique was followed.



Oral Screening was done for the children and were referred to the institution. Pediatric toothbrushes were distributed among all the children.





Through this program, proper tooth brushing techniques were promoted amongst patients and Anganwadi children. Overall, the event was successful and well appreciated



KLE Society's Institute of Dental Sciences
Bangalore



Dept. of Public Health Dentistry
National Service Scheme (NSS)



31ST OCTOBER

NATIONAL
UNITY
DAY

Report

National Unity Day 2023

Date: 31-10-2023

Arya N. Bhandari
2/11/2023

NSS PROGRAMME OFFICER
KLE Society's Institute of Dental Sciences
Bangalore-560022

M. Lakshmi
2/11/2023

PROFESSOR & HEAD
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S. S. Suresh

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BANGALORE.

As a part of *National Service Scheme*, KLE Society's Institute of Dental Sciences, Bangalore, conducted 'NATIONAL UNITY DAY- 2023', on 31ST October 2023



KLE SOCIETY'S INSTITUTE OF DENTAL
SCIENCES , BENGALURU



NATIONAL SERVICE SCHEME

In association with

DEPARTMENT OF PUBLIC HEALTH DENTISTRY



Poster competition

Rules:

- Topic- Unity of India
- Maximum group of 2
- E-poster/ handwritten poster
- E-poster- minimum size 1 MB
- Posters to be submitted before 12 pm

Debate competition

Rules:

- Topic- Unity of India -Present vs Past
- Maximum group of 2

VENUE- KLE auditorium

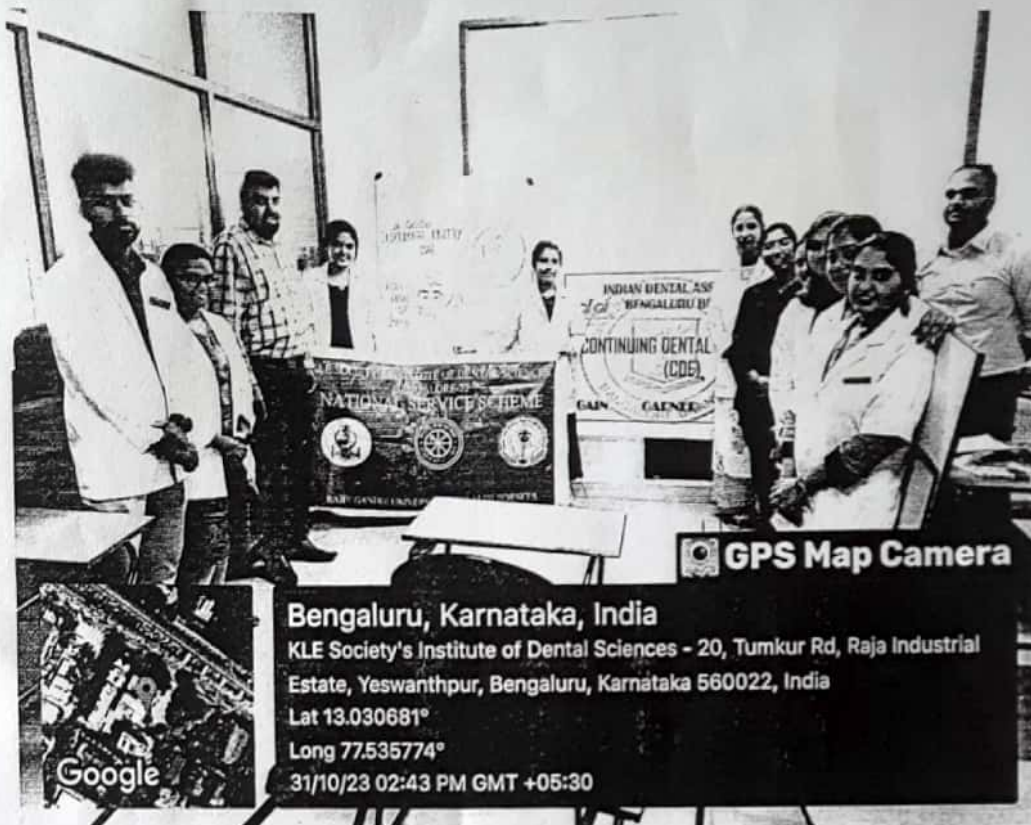
Time- 2:30 pm

Dr Srivatsa G
Principal

Dr BK Srivastava
HOD
Department of Public Health
Dentistry

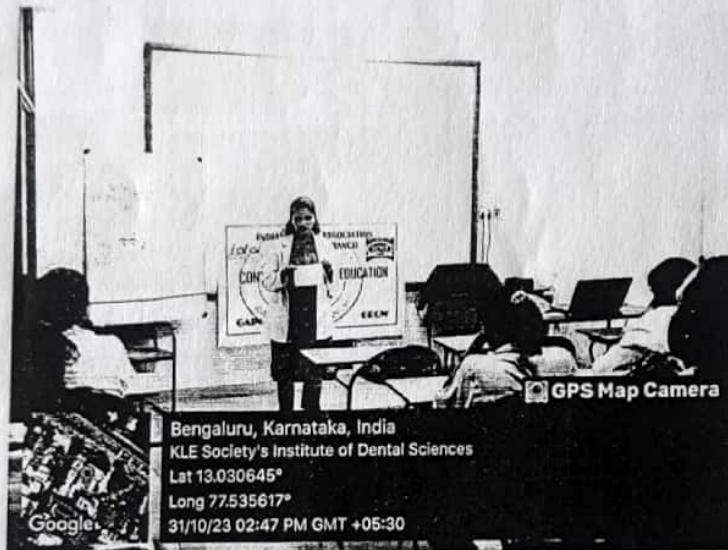
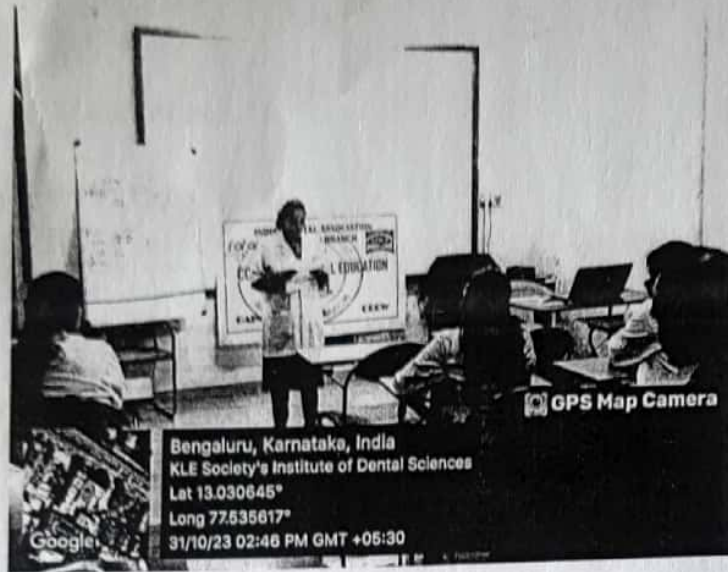
Dr Aarya Bharadwaj
NSS Co-ordinator

The programme started at 2:30 pm at the seminar hall of the Department of Public Health Dentistry, with staff members, post graduates, and NSS volunteers.



The event was inaugurated by Dr. B K Srivastava, Head of Department, Public Health Dentistry, who emphasized the significance of observing National Unity Day and initiated various contests to inspire patriotism amongst the participants.

Poster and Speech Competitions were conducted. The posters were evaluated by Dr. Yamini and Dr. Rajeshwari from the Department of Prosthodontics, and the speeches were evaluated by Dr. Veena from the Department of Periodontics.



Results were announced, and winners were congratulated.

Poster making

First place - Dr. Shashank R Gowda & Dr. Vishwaja (Interns)

Second place – Dr. Lakshmi J (Postgraduate Student)

Third place – Dr. Lakshmi N (Extern) & Dr. Ganavi J C (Intern)

Speech Contest

First Place – Drishti Misra

Second Place – Dr. Shilpa Ajit



Mass reading of Unity Pledge in English was headed by Dr. Nikhil V Suresh, Senior Lecturer, Department of Public Health Dentistry.

Post graduates, Interns, NSS volunteers and non-clinical staff members took part in the pledge taking. Printed copies of the Unity Pledge in English and Hindi, was distributed to all the participants by the NSS volunteers.

राष्ट्रीय एकता दिवस शपथ

मैं सत्यनिष्ठा से शपथ लेता हूँ कि मैं राष्ट्र की एकता, अखंडता और सुरक्षा को बनाए रखने के लिए स्वयं को समर्पित करूँगा और अपने देशवासियों के बीच यह संदेश फैलाने का भी भरसक प्रयत्न करूँगा। मैं यह शपथ अपने देश की एकता की भावना से ले रहा हूँ जिसे सरदार वल्लभभाई पटेल की दूरदर्शिता एवं कार्यों द्वारा संभव बनाया जा सका। मैं अपने देश की आंतरिक सुरक्षा सुनिश्चित करने के लिए अपना योगदान करने का भी सत्यनिष्ठा से संकल्प करता हूँ।

RASHTRIYA EKTA DIWAS PLEDGE

I solemnly pledge that I dedicate myself to preserve the unity, integrity and security of the nation and also strive hard to spread this message among my fellow countrymen. I take this pledge in the spirit of unification of my country which was made possible by the vision and actions of Sardar Vallabhbhai Patel. I also solemnly resolve to make my own contribution to ensure internal security of my country.

Through this program, National Unity was promoted amongst countrymen, and we paid tribute to late Sardar Vallabhbhai Patel, celebrating his 148th birth anniversary, to honor his legacy of uniting India after Independence. Overall, the event was successful and well appreciated.



KLE Society's Institute of Dental Sciences
Bangalore



Dept. of Public Health Dentistry

National Service Scheme (NSS)



Report

World Cancer Day 2024

Date: 04-02-2024

4/4/2024

NSS PROGRAMME OFFICER
KLE Society's Institute of Dental Sciences
Bangalore-560022

PROFESSOR & HEAD
Dept. of Public Health Dentistry
KLE Society's Institute of Dental Sciences
BENGALURU-560 022.

PRINCIPAL
K.L.E. SOCIETY'S
INSTITUTE OF DENTAL SCIENCES
- BANGALORE.

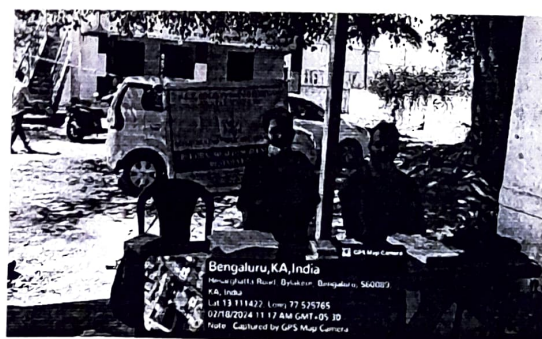
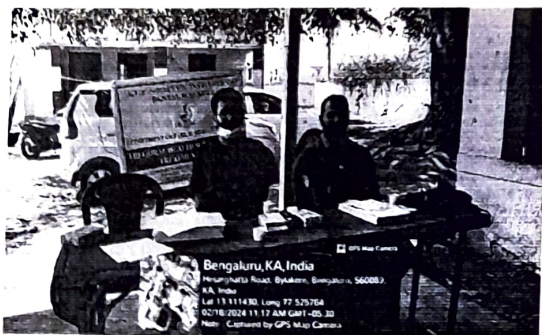
The *National Service Scheme* unit, in association with the *Department of Public Health Dentistry* of KLE Society's Institute of Dental Sciences, Bangalore observed 'WORLD CANCER DAY 2024' on 4th February 2024.

Cancer is an increasing health challenge in India, impacting lives across the country.

Tobacco use is a leading cause of cancer and death from cancer. Tobacco use causes cancers of different parts of body, whether in smoked or smokeless form. Hence it remains a public health issue of utmost importance.

A Dental Camp was conducted by the NSS wing, Department of Public Health Dentistry in association with Rotary Bangalore Rajajinagar and Udyog, at Government Higher Secondary School, Kasaghattapura, Yelahanka, Bengaluru on Sunday 18th February 2024. This camp for attended by the general public of Kasaghattapura area.

A Health talk was given by the NSS volunteers and postgraduate students of Department of public health, emphasizing the ill-effects of Tobacco consumption and its substantial impact on cancers of various parts of the body- including the oral cavity. The public was strongly urged to quit using any type of Tobacco product, since there is no safe level of tobacco use.



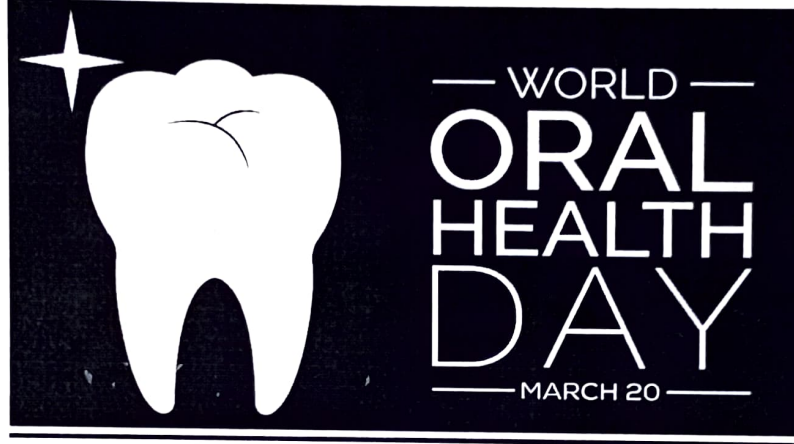


KLE Society's Institute of Dental Sciences
Bangalore



Dept. of Public Health Dentistry

National Service Scheme (NSS)



Report

World Oral Health Day 2024

Date: 20-03-2024

NSS PROGRAMME OFFICER
KLE Society's Institute of Dental Sciences
Bangalore-560022

4/4/2024

PROFESSOR & HEAD
Dept. of Public Health Dentistry
KLE Society's Institute of Dental Sciences
BENGALURU-560 022.

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- BANGALORE.

The *National Service Scheme* unit, in association with the *Department of Public Health Dentistry* of KLE Society's Institute of Dental Sciences, Bangalore celebrated 'WORLD ORAL HEALTH DAY 2024' on 20th March 2024.

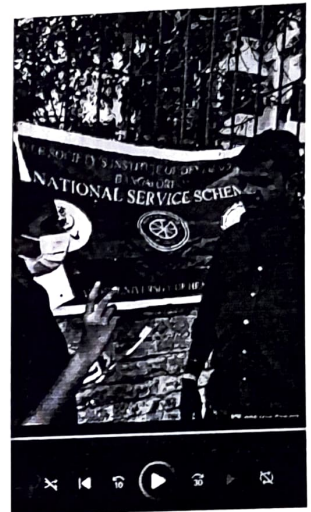
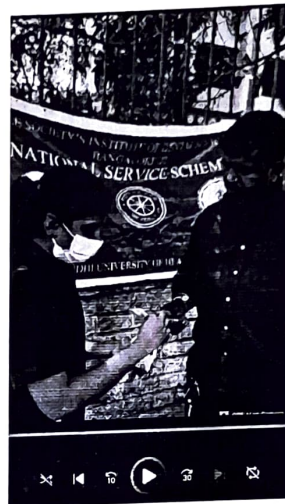
On the occasion of World Oral Health Day 2024, various activities were organized, within the campus and through community visits, to promote oral health among general public.

The following events were conducted,

- Interactive Session with General Population of Goraguntepalya, Bengaluru
- Dental Health education for General Population at Goreguntepalya, Bengaluru
Distribution of Oral hygiene kit to non-teaching staffs of KLES Institute of Dental Sciences, Bengaluru
- Dental Screening camp at a maternity hospital

Interactive session with General Population of Goraguntepalya, Bengaluru

Interview was conducted for the general population of Goraguntepalya, regarding their perspectives on oral health and ways of maintaining oral hygiene. This was followed by a discussion; wherein proper oral hygiene habits were explained and de-busting of myths on oral health was done.



Dental Health Education for General Population at Goreguntepalaya, Bengaluru

Oral Health Education emphasizing on brushing techniques and maintaining oral hygiene stratus was given to the general population in Goreguntepalaya, Bengaluru. Demonstartion of proper tooth-brushing techniques and distribution of pamphlets on oral health were done.

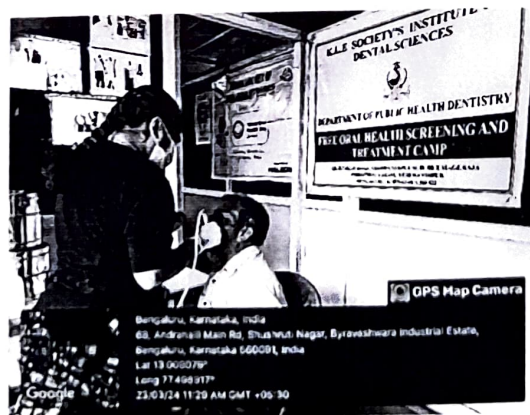
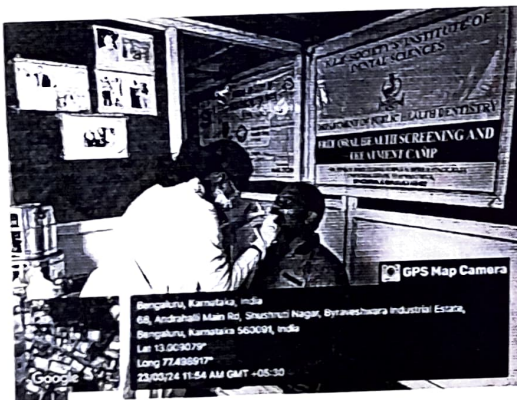


2. Industrial Area

A Dental Screening and Treatment Camp was conducted by the NSS wing and Department of Public Health Dentistry, at Qualidels, Andrahalli, Peenya 2nd Stage, Bengaluru on 20th March 2023.

This Dental camp was conducted for the employees working at various small & micro industries situated at Andrahalli, Peenya Industrial area. This camp provided screening and treatments to the industrial workers, and also spread awareness on Sanitation, maintenance of personal hygiene, with emphasis on Oral hygiene – through demonstrations of hand washing techniques, tooth-brushing techniques and oral health education.

A total of 41 patients were screened for dental diseases and 15 patients were given treatment, including oral prophylaxis and basic restorations.



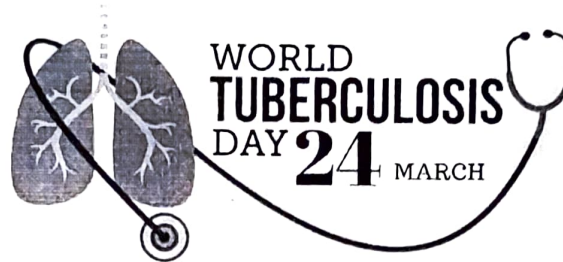


KLE Society's Institute of Dental Sciences
Bangalore



Dept. of Public Health Dentistry

National Service Scheme (NSS)



Report

World Tuberculosis Day 2024

Date: 24-03-2024

NSS PROGRAMME OFFICER
KLE Society's Institute of Dental Sciences
Bangalore-560022

PROFESSOR & HEAD
Dept. of Public Health Dentistry
KLE Society's Institute of Dental Sciences
BANGALURU-560 022.

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KLE SOCIETY'S
INSTITUTE OF DENTAL SCIENCES
BANGALORE

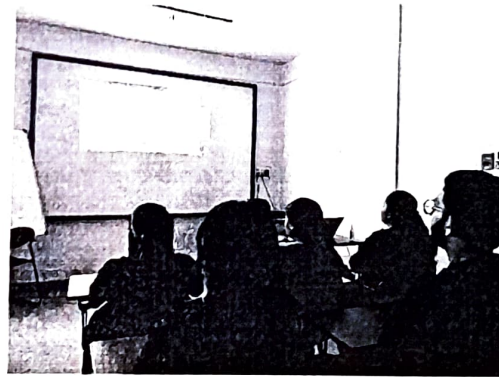
The *National Service Scheme* unit, in association with the *Department of Public Health Dentistry* of KLE Society's Institute of Dental Sciences, Bangalore observed 'WORLD TUBERCULOSIS DAY 2024' on 24th March 2024.

Every year, World Tuberculosis Day is commemorated at raising public and political awareness of Tuberculosis, a preventable and treatable disease.

As a part of World Tuberculosis Day 2024, a webinar on Tobacco control was conducted by ECHO India, in association with Strategic Institute for Public Health education & Research, and Resource Centre for Tobacco Control (RCTC).

The event was graced by Hon'ble Chief guest, Dr. Kuldeep Singh Sachdeva, and the speakers included, Dr. Himanshu A Gupte, Dr. Rana J Singh and Dr. Ravinder Kumar. The webinar emphasized on Tobacco Cessation, advance detection, diagnosis and treatment of tuberculosis infection and disease.

NSS Volunteers & other students gathered together to watch the live telecast of the webinar in the seminar hall of Department of Public Health Dentistry.





KLE Society's Institute of Dental Sciences
Bangalore



Dept. of Public Health Dentistry

National Service Scheme (NSS)



**World Water Day
2024**

Report

WORLD WATER DAY

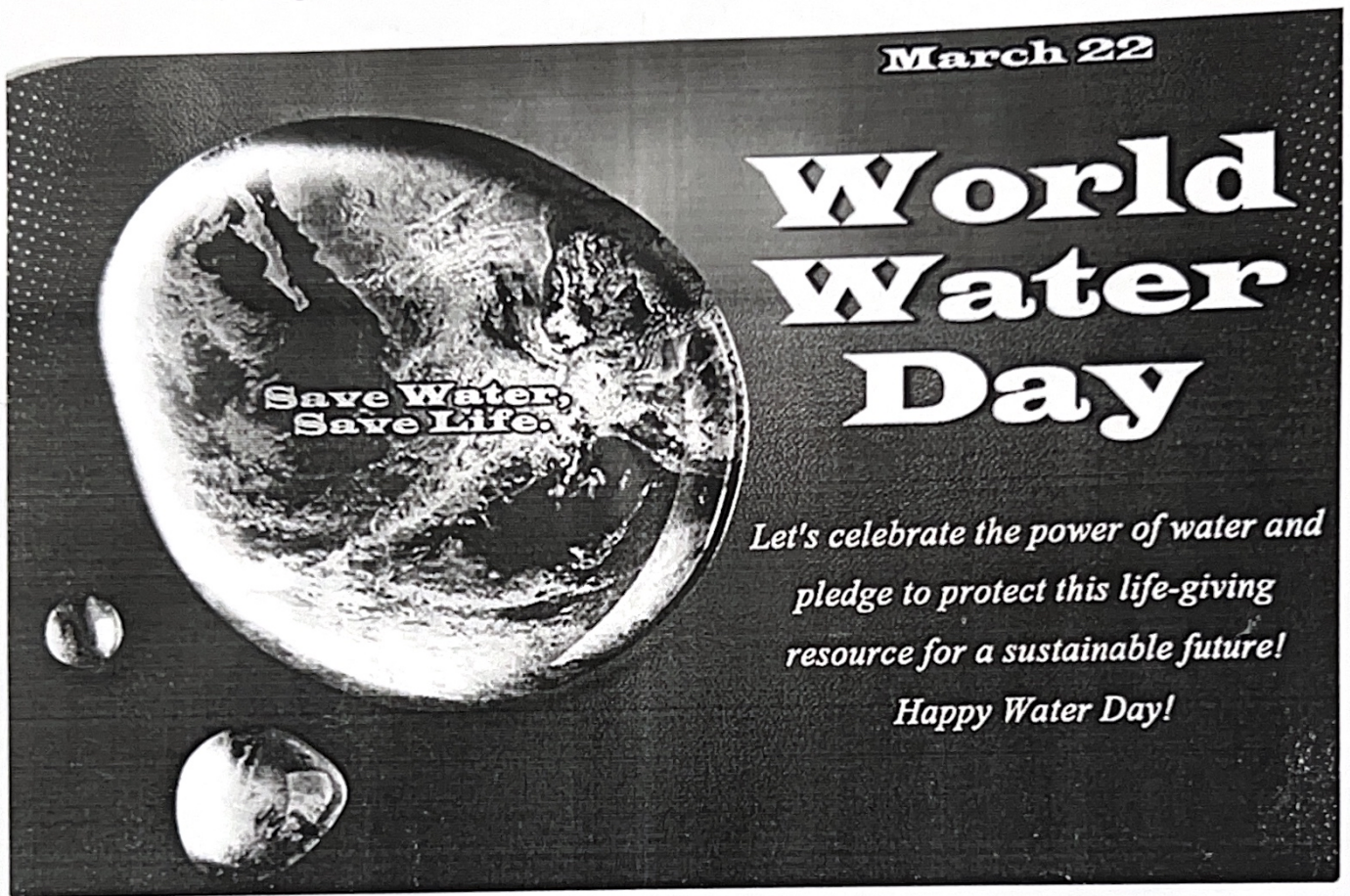
Date: 22/03//2024


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• BANGALORE


NSS PROGRAMME OFFICER
KLE Society's Institute of Dental Sciences
Bangalore-560022


PROFESSOR & HEAD
Dept. of Public Health Dentistry
KLE Society's Institute of Dental Sciences
BENGALURU-560 022.

As a part of *National Service Scheme*, Department Of Public Health Dentistry & Department Of Oral pathology and microbiology, KLE Society's Institute of Dental Sciences, Bangalore, celebrated 'WORLD WATER DAY 2024, on 22nd MARCH 2024



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INSTITUTE OF DENTAL SCIENCES
• BANGALORE.

PROFESSOR & HEAD
Dept. of Public Health Dentistry
KLE Society's Institute of Dental Sciences
BANGALURU-560 033

World Water Day 2024 focuses on “Leveraging Water for Peace”, highlighting how important water is to fostering peace and cooperation on a global scale. The theme emphasizes the necessity of shared accountability in the management of transboundary water resources, the need for communication in water diplomacy to overcome obstacles, and the connection between water, the environment, and world peace.

The programme started at 1.00 pm at Department of Oral and Maxillofacial Pathology of KLES institute of dental science, with staff members, post graduates, and NSS volunteers.

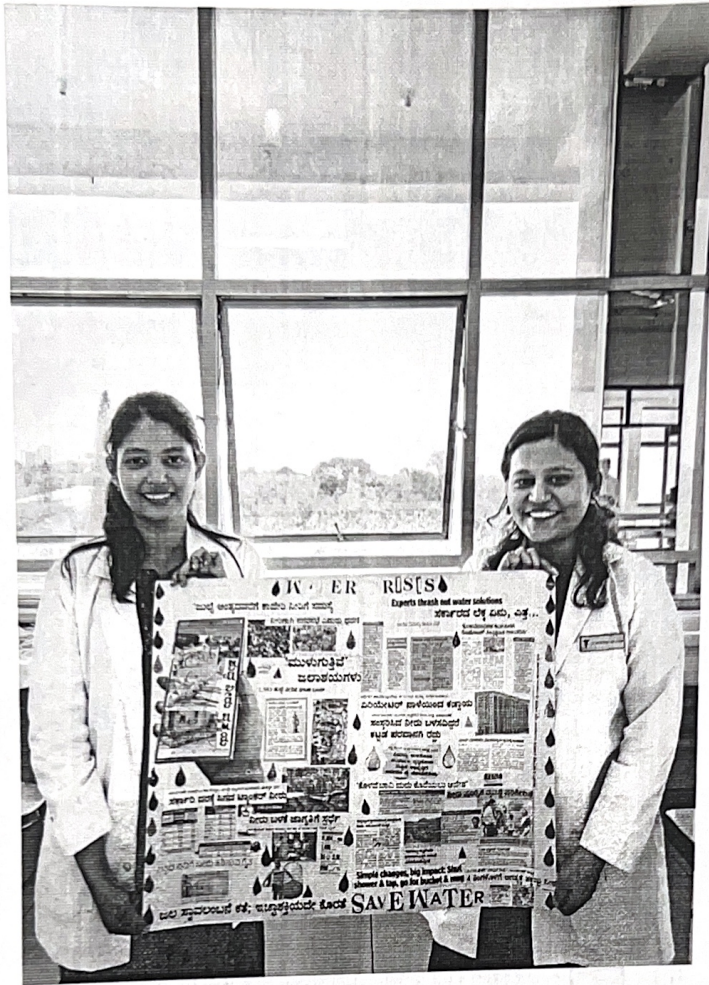
The event was inaugurated by Dr. Pavithra Chandrashekar, Head of Oral and Maxillofacial Pathology, who emphasized the significance of observing World water day and the importance of the preserving the water. Students and actively participated in the event and actively engaged in discussions regarding ways to save water at our institution, this is followed by collage competition on the theme of water crisis which was enthusiastically participated by students and staff members of the institute.


The collages were evaluated by Dr. Satyajit Topajiche and Dr Madumidha from Dept of Oral and Maxillofacial Pathology


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• BANGALORE

Smiling Bharath



K.L.E SOCIETY'S INSTITUTE OF DENTAL SCIENCES
DEPARTMENT OF PERIODONTICS

Programs conducted by the Department

1. INTERNATIONAL WOMENS DAY

- a) Lecture on Oral health and women health along with sample distribution
- b) Lecture on Oral health and women in pregnant females followed by Oral Screening Camp

1. INTERNATIONAL WOMEN'S DAY

a) Lecture on Oral health and women health along with with sample distribution

DATE- 12-03-24

International Women's Day is a significant occasion celebrated globally to honor the achievements of women and to advocate for gender equality. In commemoration of this day, a special program was organized focusing on women's health, specifically oral health, and hygiene.

The program commenced with a lecture on Oral Health and Women health by Dr. Divya 2nd yr Post graduate student at the KLE dental college auditorium on 12-03-24. A total of 150 audience were benefitted with the lecture.

Following it distribution of appreciation plaque for actively being a part of **National Periodontist Day** and **'Say No To Bleeding Gums' Drive – A Pinkhealth initiative Of Indian Society Of Periodontology**, to the department of Periodontics and 1 plaque was distributed to department of Public health as the camps were conducted alongwith them.

Paradontax toothpaste and toothbrushs samples along with patient education leaflets were distributed.



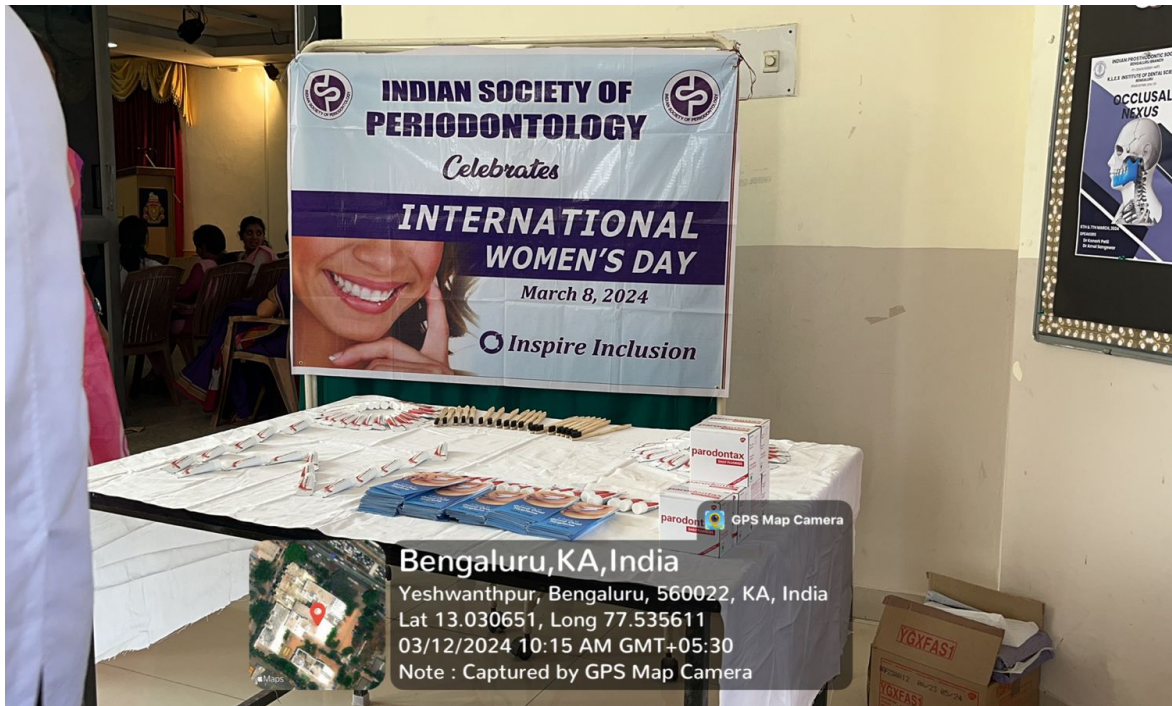
Bengaluru, Karnataka, India
12, Service Rd, Raja Industrial Estate, Yeswanthpur, Bengaluru, Karnataka 560022, India
Lat 13.030498°
Long 77.535558°
12/03/24 11:51 AM GMT +05:30

GPS Map Camera



Bengaluru, Karnataka, India
12, Service Rd, Raja Industrial Estate, Yeswanthpur, Bengaluru, Karnataka 560022, India
Lat 13.030472°
Long 77.535596°
12/03/24 11:56 AM GMT +05:30

GPS Map Camera



K.l.e society's institute of dental sciences

b) Lecture on oral health and women in pregnant females followed by oral screening camp

DATE: 25-03-2024

The oral health of women is crucial, not only for their own well-being but also for the health of their families. Recognizing this importance, a lecture and screening camp focusing on oral health were organized targeting pregnant women. It was conducted at Lakshmi maternity home Malleshwara, Bengaluru, by Department of Periodontics and Department of Public Health Dentistry on 15th March, 2024. In accordance with Indian society of Periodontology.

The program commenced with a lecture on Oral Health and Women health by Dr. Jyosthna GM . Topics included common oral health issues faced by women, such as hormonal changes during puberty, pregnancy, and menopause. The lecture began with an overview of the significance of oral health in women's overall health. The main aim was to shed light on the importance of oral hygiene during pregnancy, common oral health issues faced by pregnant women, and practical tips for maintaining optimal oral health throughout this critical period.

Following the lecture Dental Screening camp was conducted which was lead by Dr. Jyosthna, Dr Shruthi Eshwar and Dr AaryaBharadwaj along with post graduate students Dr. Amruta, Dr Gomathy,Dr Syed Zaid,Dr Divya,Dr Malvika

A total of 50 patients were screened for were screened for dental diseases. On the occasion of **International**

Womens day and **‘Say No To Bleeding Gums’ Drive – A Pinkhealth initiative Of Indian Society Of Periodontology**, all the screened patients were given Paradontax toothpaste samples along with brushing technique. Patient data was recorded and scoring was done according to Basic periodontal examination (BPE) BSP_BPE_guidelines_2019. After recording the data, picture of patient smile was taken and uploaded in the link <https://nbd.ispperio.com>. After screening for dental disease patient was referred to KLE Society’s Institute Of Dental Sciences for further treatment.

Type of camp- Screening

Camp organized by- Department of Periodontics in association with Indian Society of Periodontology

Camp in charge- Dr. Sangaragomathy A M

	Overall patients
No of Patients screened	50

CAMP INVITATION

COPY TO

To,

Dr Srivastava B.K
Professor & Head
Department of Public Health Dentistry
KLE Institute of Dental Sciences
Bengaluru.

Dear Dr Nishitha Rao,

This is in continuation to our communication with Dr. Srivally N regarding the intent expressed to conduct an oral health screening camp at your centre (Lakshmi Maternity Home, Bengaluru).

As a part of "Say No To Bleeding Gums" Drive – A pink health initiative by Indian Society of Periodontology, we would like to conduct an Oral screening camp for the staff and pregnant women visiting your centre on the 15th March 2024 between 12pm to 4pm, along with a brief lecture on "Oral health and women health".

Kindly oblige and acknowledge the same.

Thanking you

Yours Sincerely

Dr Sphoorthi A Belludi
Professor & Head
Department of Periodontics
KLE Institute of Dental Sciences
Bengaluru.

*Kindly do the
needful*

*Sphoorthi
13/3/24*

Professor & Head
Dept. of Periodontics

DR. JYOTSNA MATH
9632433155.

*To: Dr. Nishitha Rao
Public Health
Dentistry
KLE Institute of Dental Sciences
Bengaluru*

15/03/2024

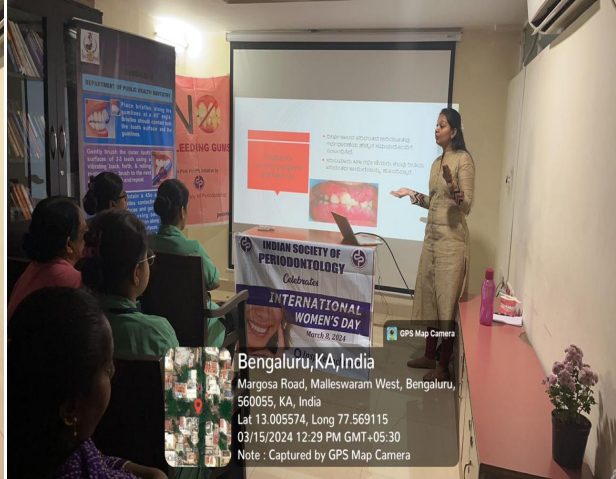
On behalf of Lakshmi Maternity Centre, we would like to express our appreciation & gratitude to the team of Dr. Nishita RAO from KLE S. Institute of Dental Sciences Bengaluru for socially donating money.

Dr. Nishita Rao.

DR. NISHITA RAO
MBBS, M.S.
Obstetrics & Gynaecology
Reg. No. 60938

LAKSHMI MATERNITY & SURGICAL CENTRE
95, 15th Cross, Margosa Road,
Malleswaram, Bangalore - 560 056.









**K.L.E SOCIETY'S INSTITUTE OF DENTAL SCIENCES
BENGALURU**



DEPARTMENT OF PERIODONTICS

**REPORT
"NATIONAL ORAL HYGIENE DAY ACTIVITIES"**

JULY 26th to AUGUST 7th 2024

ORGANIZING COMMITTEE

Dr.Sphoorthi A. Belludi
Chief Facilitator

Dr.Veena H.R
Dr. Shanmukha Swamy B.N
Dr.Jyosthna Madhurkar
Coordinators

Dr.Namratha Solanki, Dr. Anandita Kale
Dr.Divyajyothi S, Dr.Malavika Raj,
Dr.Amrutha Koparde, Dr.Mahadevaswamy
Postgraduate Coordinators



NATIONAL ORAL HYGIENE DAY

Each year, on the 1st of August, National Oral Hygiene Day illuminates our calendars, paying homage to the visionary Dr. G.B Shankwalkar, revered for his pioneering contributions to Indian Periodontology. This annual observance serves as a beacon, casting light upon the paramount importance of oral health for both the public and dental professionals alike.

The first week of August blossomed into a kaleidoscope of activities orchestrated by the Department of Periodontics in association with the Indian Society of Periodontology. Lectures, enlightening minds on the intricacies of dental care and Contests including quiz, poster, slogan writing and Rangoli reverberated with messages of oral health advocacy.

The link for an online quiz as well as the application needed for documenting patient data were provided by the Indian Society of Periodontology. Throughout this initiative, a total of 120 students engaged in the quiz, while 524 patients underwent screening and had their data meticulously recorded.

Culminating in a dental camp, this week-long celebration is a testament to Dr. G.B Shankwalkar's enduring legacy, inspiring a future where every smile radiates with the glow of optimal oral hygiene.



K.L.E SOCIETY'S INSTITUTE OF DENTAL SCIENCES, BENGALURU
DEPARTMENT OF PERIODONTICS



NATIONAL ORAL HYGIENE DAY





K.L.E SOCIETY'S INSTITUTE OF DENTAL SCIENCES, BENGALURU
DEPARTMENT OF PERIODONTICS



NATIONAL ORAL HYGIENE DAY

26.07.2024

Lecture on "GUM CARE" for I, II, III and IV BDS students.
 Resource persons- Dr. Shanmukha Swamy B.N and Dr. Jyosthna Madhurkar.



01.08.2024

Oral health education and Oral hygiene aid sample distribution for patients and non-teaching staff - KLES Institute of Dental Sciences, Bengaluru





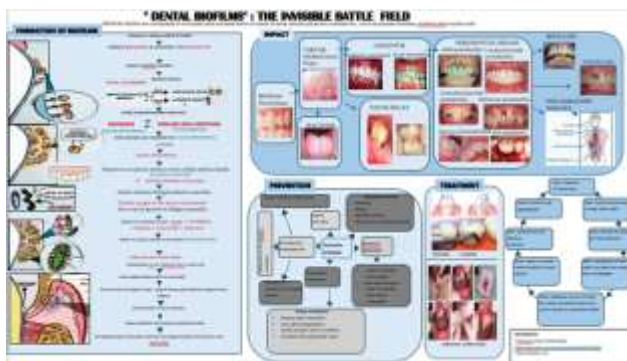
NATIONAL ORAL HYGIENE DAY

03.08.2024

Contests for I, II, III, IV year BDS, Interns and postgraduate students

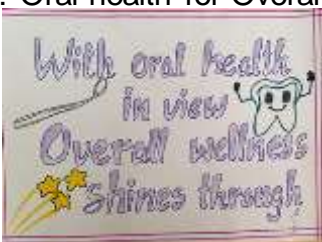
Poster

Theme: Dental Biofilm - formation, impact, prevention, and treatment aspects.



Slogan writing

Theme: Oral health for Overall health



Rangoli

Theme: Oral systemic link





K.L.E SOCIETY'S INSTITUTE OF DENTAL SCIENCES, BENGALURU
DEPARTMENT OF PERIODONTICS



NATIONAL ORAL HYGIENE DAY

05.08.2024

Lecture on **“Evidence based approach on dental plaque control, upscale practice with oral hygiene regime.”** for BDS students, Interns and Postgraduate students

Resource Person: Dr. Ashwin P.S



Prize distribution for winners of various contests





K.L.E SOCIETY'S INSTITUTE OF DENTAL SCIENCES, BENGALURU
DEPARTMENT OF PERIODONTICS



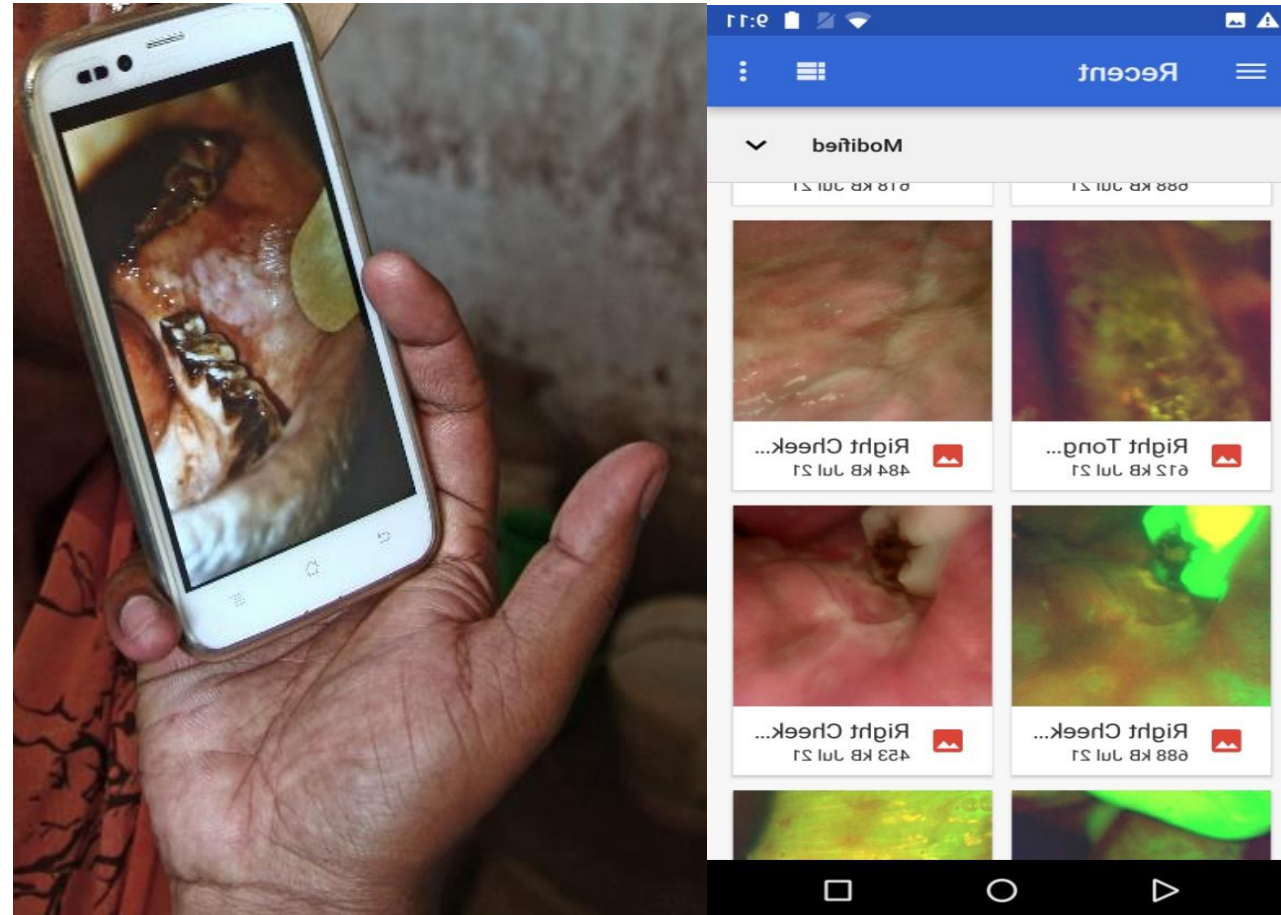
NATIONAL ORAL HYGIENE DAY

07.08.2024

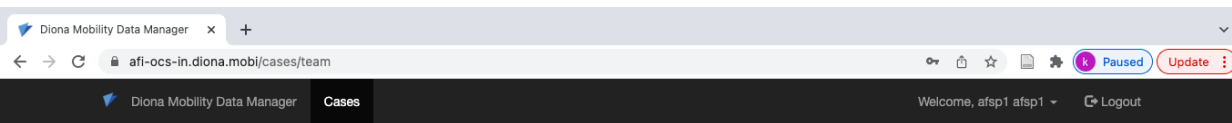
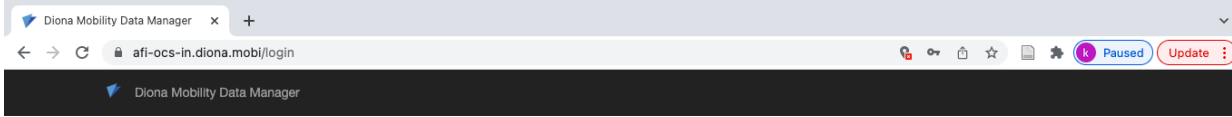
DENTAL SCREENING AND EDUCATION CAMP conducted at Sri. Puneeth Rajkumar Seva Kendra, Nandini layout, Bengaluru



Telemedicine Module



Remote Specialist dashboard



New Cases

Case ID	Gender	Owner	Date Opened
5632AEKEM	Female	af1 af1	Sep 30, 2021 (207 days)
30RLIURHGP	Male	af2 af2	Nov 17, 2021 (159 days)
271WGFOPED	Male	af2 af2	Dec 13, 2021 (133 days)
68HORYKACY	Female	af2 af2	Dec 20, 2021 (126 days)
941699YMAG	Female	af2 af2	Feb 04, 2022 (80 days)
563051QCOL	Male	af2 af2	Apr 13, 2022 (12 days)
8EZRWNKXYZ	Male	af2 af2	Apr 21, 2022 (4 days)
20332YQCED	Male	af2 af2	Apr 22, 2022 (3 days)
1637PRWDHH	Male	af2 af2	Apr 22, 2022 (3 days)



New Case

Registration Close Follow-Up Second Opinion Back


Gender Male
Date Opened Apr 22, 2022 (3 days)
Age 30
Case ID 1637PRWDHH
Owner af2 af2

Notes Data View Notes

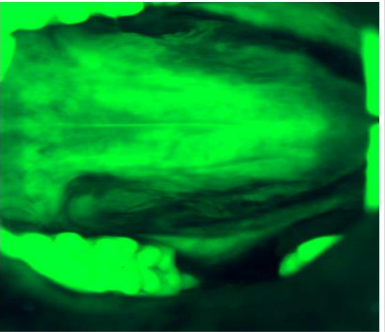
Screening Data History

Question	Answer
Smoking-Cigarette	Current
Smoking-Beedi	Never
Smoking-Others	Never
Chewing-Tobacco	Current
Chewing-Arecanut	Never
Alcohol-Spirit	Never
Alcohol-Beer/Wine	Never
Symptoms	None
Other-Symptoms	
Lesions-Lists	Difficulty-in-Mouth-Opening
Other-Lesions	

Photo_1_Left Floor of Mouth_WL - Phone Camera



Photo_1_Left Floor of Mouth_FL - Phone Camera



Provisional Diagnosis*

AF Impression*

Others

AI Result

AI Result

Submit Remote Diagnosis