

KLE VK INSTITUTE



DENTAL SCIENCES







July - 2023 Vol. 16;(1)

PERCEPTIONS

"Perceptions Precedes Reality"

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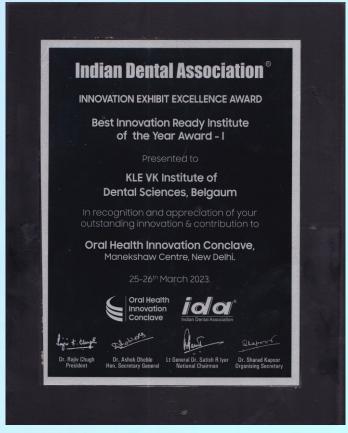
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Perception signifies, 'immediate or intuitive recognition or appreciation, as of moral, psychological, or aesthetic qualities; insight; intuition; discernment'- Collins Dictionary. DDE has been an endeavor for perceiving the ability to perceive beyond the basics; to develop mental grasp of newer concepts of education and patient care, by not only sustaining but enhancing quality measures. Compliment to the imaginative ideas of our editors, who have come up with yet another, perfectly crafted news bulletin – 'Perceptions'. Best wishes & warm regards to all contributors and editors.



Dr Alka Kale

.....FROM THE EDITOR



Digital Marketing in Dentistry

"Marketing is no longer about the stuff that you make, but about the stories you tell." - Seth Godin.

Dear Readers Greetings to all,

Digital marketing, the so-called online marketing, is nothing but promotion of brands to connect with potential customers using the internet and other forms of digital communication. This includes not only emails, social media, and web-based advertising, but also text and multimedia messages as marketing channels.

Digital dental marketing has become increasingly important for dental practice and management of dental patient care not only in private clinics but also in dental institutions. Digital marketing in dentistry is the need of the hour and by having a strong digital presence large number of patients can be attracted and retained both in dental clinics and in dental hospitals.

In private dental practice digital marketing can be promoted by precise digital marketing strategies such as Search engine optimization (SEO), targeted advertising campaigns to reach specific demographics so that online visibility and brand awareness can be improvised. Video marketing which involves videos on introduction of dental team, dental practices, services offered, educational contents, patients experiences can be made and shared on the dental practice website and social media platforms. This method is an effective and proven tool for Dental practitioners to engage in social media marketing for the expansion of their dental practice. The number of patients will continue to increase as they interact with their fans by sharing and tweeting. Apart from this, displaying positive patients feedback and review with rating helps in grabbing the attention and thereby increasing the number of new patients. Engaging patients via two-way texting through whats app, telegram and offering teledentistry by video appointments, help in building a loyal dentist-patient relationship in this digital age by digital marketing.

In dental institutions the institutional website can be made and marketing about patient care can be done through advertisements. Website should highlight about the special dental treatment available in the college, patients treatment success stories, satellite clinics etc. Digital marketing strategies like local SEO, ads in yellow pages, email marketing, blogs articles and videos, pod casts, newsletters can also be incorporated by using social media platforms like Facebook, instagram and twitter by the institution.

These marketing strategies help in showcasing various treatments and activities happening in dental institutions which attracts more patients. It as well, helps to boost the rankings at national level thereby attracting more students to take admission and learn at these institutions.



Dr Manjula M.

.....FROM THE CO-EDITOR

Season's Greetings, Dear Readers,

"TWINNING DIGITALLY IN DENTISTRY"



"The technology you use impresses no one. The experience you create with it is everything"
.................................. Sean Gerety

Recent technological breakthroughs have produced great strides in dentistry. One such significant advancement being Digital twin. Yes, Digital twins!!! What is a Digital twin???

It is nothing but, a virtual representation of something or someone that actually exists, providing the benefit of comprehending complicated processes through dynamic model adjustment.

Digital Twins are used in a variety of industries, including manufacturing and engineering. The entry of Digital twin in education, medical field as well as in dental field has taken place. In medical field, digital twin technology is applied for insulin management optimizing the amount of insulin administered and freeing the patient from the need to multiple pinpricks a day for blood samples. With the success of this model, researchers are beginning to foresee the creation of a full-fledged "medical digital twin," a software representation of a person's overall health condition, allowing to accurately diagnose before the onset of any symptoms.

The entry of digital twin technology into dentistry has been already witnessed, where a 3D analysis of facial profiles is used to estimate the sagittal relationship between the maxillary central incisors and the forehead prior to and after orthodontic treatment.

Digital twin technology will take dentistry to a next level, by combining data from sensors and software allowing to diagnose and treat patients in a more easy and sophisticated way. Even though this technology is burgeoning, it is definitely going to take dentistry to a far higher level.



Dr Hema K.



DDE ACTIVITIES

PG ORIENTATION & CITI MODULE

A collaborative initiative training institute programme [CITI] was conducted for Post Graduate students as a part of Orientation Programme from 2nd to 4th Jan 2023 in Recreation Hall, KLE VKIDS. Dr. Shivayogi Charantimath, Reader, Dept. Oral Medicine & Radiology conducted Hands on workshop and delivered lecture for 39 Post graduate students







RESEARCH METHODOLOGY FOR I - MDS

Lectures and Hands on Activity on Research methodology was conducted for Post Graduate students from 11th to 13th Jan 2023 at Recreation Hall, KLE VKIDS. The event was organized by DDE and the workshop was attended by 39 postgraduates. Dr. Roopali Sankeshwari, Professor, Department of Public Health Dentistry, Dr. Punnya, Prof & Head Dept. Oral Pathology, Dr. S. Javali, Dept. Statistics, USM-KLE conducted Hands on workshop on various aspects of Research Methodology.







SENSITIZATION ON NEW DCI CURRICULUM

Dr. Sonal Joshi, Professor & Dean Faculty of Dentistry, gave a lecture on new DCI curriculum and sensitized the faculty on the same. The lecture was taken on 21st January, 2023 at Prosthodontics Gallery Hall, KLE VKIDS Belagavi. 27 staff attended and were benefitted by the programme.





WORLD PROSTHODONTIST DAY

On January 23rd, Department of Prosthodontics celebrated World Prosthodontist Day, with great pride and spirit. The program was inaugurated by Chief guest, Dr. Alka Kale, Principal with other invited guests, such as Vice principal Dr. Anjana Bagewadi and Dean Dr. Sonal Joshi. Various competitions and activities were organized by the department of Prosthodontics for the undergraduates, interns and postgraduate students such as Basic Implant workshop for postgraduate students, geriatric care camp at old age homes in Belgaum city, Free denture week camp, Short film / Educational video making competition, plaster to master activity and video on social awareness treatment for completely edentulous patients was displayed. The department faculty and postgraduate students were appreciated and felicitated for their awards and achievements on this occasion.







INTERNATIONAL ORAL AND MAXILLOFACIAL SURGERY

13th February 2023 was celebrated as International Oral and Maxillofacial Surgery by releasing a video of awareness of various surgical procedures performed by the Department. The video was released by Dr. Preeti K. Doddwad, Dr. Anjana Bagewadi and Dr. Shridhar Baliga.

This year's theme was Facial Trauma and Road Traffic safety with slogan "Saving lives, Saving Faces". A video on awareness regarding facial trauma and its management was made & displayed. A radio talk was scheduled on "KLE Venudhwani 90.4 FM" on the same theme by Dr. S. M. Kotrashetti and an article was put up in myarogya.in by Dr. Vijaylaxmi and Dr. S. D. Baliga.





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Theme: Automation and Digital Dentistry

Department of Periodontics organised the XXVI SCIENTIFIC CONVENTION from 15th to 17th February 2023. Principal Dr Alka Kale, Vice Principal Dr Anjana Bagewadi, all the Heads of the Department inaugurated the scientific convention. Two guest lectures were conducted which included a lecture on topic "Dentistry 2030- Are you ready?" by Dr. Rajeev Chitaguppi and another topic on "De-addiction in the Digital Era!" by Dr. Chandrashekhar Yavagal. Scientific sessions for paper / poster presentations, table clinic set ups and quiz competitions were also conducted. Valedictory ceremony was held after the conclusion of all the scientific presentations and best scientific presentations were awarded with certificates and mementos.





ORAL PATHOLOGY SLIDE SEMINAR

Department of Oral Pathology & Microbiology organised a virtual slide seminar under the Aegis of IAOMP in Prosthetic Gallery hall KLEVK IDS on 3rd March-2023. Dr. Madhuri Gawade, Professor and Head Department of Oral Pathology and Oral Microbiology, Sharad Pawar Dental College and Hospital Sawangi (Meghe), Wardha, Maharashtra conducted slide seminar on the Topic "Enthralling Spectrum of Odontogenic Tumors". 428 registered participants attended the programme and were immensely benefitted.



CONS ENDO DAY



The department of Conservative Dentistry & Endodontics celebrated Cons and Endo Day on 5th March 2023. To create awareness amongst general public Dr Sonal Joshi and Dr Sneha Patil expressed their views on "Discolored Teeth" & "Caries Prevention' on Venudhwani respectively. An article was published in local newspaper on "ENDODONTIST: The Dental Magician (Style your Smile)". A workshop was conducted on Lasers in Dentistry by Dr Anand from Dentsply. Total 96 participants attended lecture and demonstration on patient with Crown lengthening, depigmentation, and Frenectomy. 33 postgraduates participated in hands on programme.

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GUEST LECTURE BY INTERNATIONAL GUEST SPEAKER

Susan Garrett, Bachelor's in Psychology & Masters in Applied Behavioral Analysis, gave a lecture on sensitization on "Applying Behavior Analysis to Conflict Management in Different Contexts" on 10th March 2023 at Prosthodontics Gallery Hall, KLE VKIDS Belagavi. 87 staff attended the programme.



WORLD ORAL HEALTH DAY







Venudhwani radio talks were organised by department of Oral Medicine and Radiology on 20th March 2023 by Dr Zameera Naik, on 23rd May by Dr Daneshwari Koshti & on 31st May 2023 by Dr Vaishali Keluskar to create awareness about 'oral health and tobacco ill effects' at KAHER's Venudhwani 90.4 Belagavi, as a part of World Oral Health Day.

WORKSHOP ON SYSTEMATIC REVIEW & META-ANALYSIS



Department of Dental Education organized a workshop on systematic review and meta analysis from 20th to 23rd March 2023 in Recreation hall for 1st year MDS students. Following were the guest speakers

- 1. Dr. Vasanti Jirge MDS, PGDip in Health Professions Education
- 2. Dr. Roopa Muttagi, MDS, PhD
- 3. Dr. J. B. Prasad, Associate Professor and I/C HOD of Dept of Biostatistics, KAHER 39 post graduate students were benefitted by the programme.

NATIONAL IAOMR DAY 2023

The department of oral medicine and radiology celebrated National IAOMR day on April 24th 2023. Various activities were conducted like lectures for undergraduate students at the constituent colleges. A radio talk was delivered by Dr. Vasanti Jirge in Kannada to create awareness among the public about



different types of oral diseases and the role of an Oral Medicine and Radiology specialist. The talk also covered management of various oral diseases, tobacco deaddiction and management of Tobacco induced oral diseases.





TOBACCO CESSATION COUNSELING WORKSHOP

Tobacco Cessation Counseling Workshop was organised by DDE in recreation hall on 26th May 2023 and Dr. Alka Kale, Dr. Anjana Bagewadi, Dr. Vaishali Keluskar and Dr. Daneshwari Koshti gave lectures on Oral Cancer & its Global scenario, assessment, identification, pharmacotherapy, relapse and follow up. 36 interns were benefitted by the workshop.







DDE GUEST LECTURE- OROFACIAL PAIN MANAGEMENT

The Department of Public Health Dentistry, KAHER's KLE VK Institute of Dental sciences, Belagavi, organized a Guest Lecture in co-ordination with DDE on the topic "Orofacial Pain Management" on 2nd June 2023. The Guest speaker for the topic was Dr. Veena Pujari, Assistant professor, Department of oral medicine and Radiology, SDM Dental college, Dharwad, who spoke about patient education, physical therapy, behaviour modification, relaxation strategies and management of orofacial pain. Total participants attended were 74.



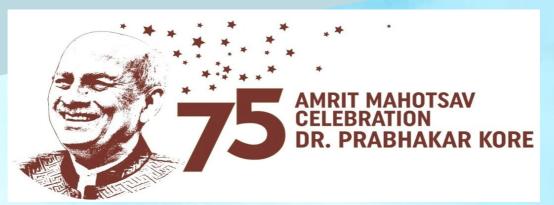


WORKSHOP ON DENTAL PHOTOGRAPHY

A workshop on Dental Photography was organized by the Department of Conservative Dentistry and Endodontics in association with DDE, on 6th June 2023. The Guest speaker was Dr Mayur Davuda Private Dental Practioner, Mumbai who gave an interesting talk and demonstration on specific setup for clinical dental photography, exposure setup and flash calibration for intra oral and extra oral images for the faculty and post graduate students. Total 17 participants were benefitted from this workshop.



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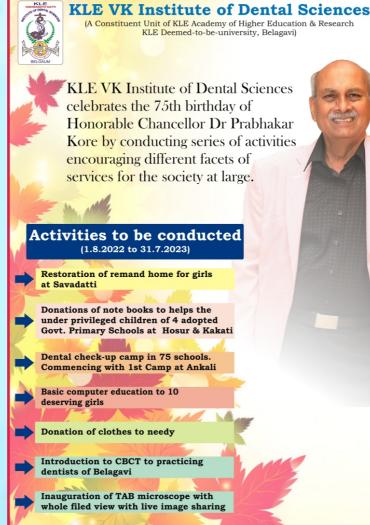


















Blood Donation Camp









ALUMNI SERIES OF GUEST LECTURE

1. A guest lecture was organized as a part of Alumni Series of guest lectures by the Department of Pedodontics, on 24th May 2023. Dr.Vijay Trasad, Professor, Department Pediatric & Preventive Dentistry, SDM Dental College and Hospital, Dharwad, gave an interesting lecture on the topic "Tips for Successful Clinical Practice" for the Interns of KLE VKIDS. 100 participants got benefitted from the lecture.





2. On March 4th yet another alumni guest lecture was organised by the Department of Conservative Dentistry and Endodontics on the occasion of Dentist Day celebration on the topic "Preserving the Aging Dentition". The speaker was Dr. Asha Narde, Endodontist, Mumbai and the total beneficiaries were 54.





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FACULTY DEVELOPMENT PROGRAMME

1. Faculty development programme on ICT training was organized by the Department of Dental Education on 22nd February 2023, titled "Moodle: A learning platform" with a lecture and Hands-on workshop by Dr. Prakashgoud R Patil, Professor, School of Computer Science & Head MCA, KLE Technological University Hubbali. The total participants attended were 88.



2. UDEHP in association with Department of Dental Education conducted an academic oriented workshop on "Competency Based Dental Education" on 16th and 17th March 2023. The speakers for the topic were Dr. Padmaja Walvekar, Dr. Roopa Bellad, Dr. Sunita Patil, Dr. Sheetal Harkuni, Dr. Deepti Kadeangadi, Dr. Nayana Hashilkar, Dr. Shilpa Bhimalli & Dr. Vasanti Jirge. 29 staff were benefitted by the programme.









3. Another faculty development program was organized by the Dept. of Prosthodontics in co-ordination with DDE on an interesting multifaceted concept, "Self- Directed Learning" on 23rd March 2023 with speakers Dr. Anandkumar Patil, Professor & Head & Dr. Aditya Acharya, Reader, Dept. of Prosthodontics. 44 staff attended the programme.









ALUMNI TESTIMONIALS

"The Department of Prosthodontics & Implantology of KLE's Vishwanath Katti Institute of Dental Sciences, Belgaum gives students the opportunity to grow in a holistic manner. From an overall perspective, students are exposed to challenging Academic curriculum and clinical exposure in a structured form. The excellent faculty and infrastructure ensure a great academic environment. The wide range of extra-curricular activities also plays a huge role in shaping one's personality."

"I still regard my experience at KLE's VK Institue of Dental sciences as one of the reasons that made me a better version of myself. In the end, I must say that I am very grateful to be guided by such a commendable faculty and to have met people (batchmates, seniors, and juniors) with whom I have shared great times and will continue to."



Dr Arvind Moldi.
Principal,
HKE's S Nijalingappa
Institute of Dental
Sciences, Kalaburagi



Dr Neha Kohli

Reflecting on my time in the department of Pediatric and Preventive Dentistry at KLE VK IDS, I must say it was truly exceptional. The faculty's unwavering support and guidance created an enriching education environment. The department fostered motivation and innovation, offering abundant resources that fueled my passion for dentistry, leading to over 19 research projects as Principal Investigator or Co-investigator, Thanks to their mentorship, I achieved 19 publications in prestigious journals, along with 2 patents from the Indian Patent Office. This played a pivotal role in shaping this remarkable learning environment. Their approachability, problem-solving skills, and encouragement to participate in conferences paved the way of 7 Awards of Best Scientific Presentation at various levels.

MDS 2020-2023 The department's focus on personal and professional growth is truly rare and I'm forever proud to be an alumni of the Pediatric Dentistry department at KLE VK IDS

My transformative journey at KLE VK Institute of Dental Sciences has been truly enriching. Through clinical experience, research, workshops, and exceptional faculty, I've developed leadership, adaptability, and social responsibility. The state-of-the-art facilities and interdisciplinary resident at King George's Medical University, I'm confident that KLE VK Institute of has equipped me for a successful future. Proud to be an alumnus of this esteemed institution.



Dr Atrey J. Pai Khot MDS 2020-2023



Dr. Shradha Vagarali BDS 2013-18 MDS 2019-22

My experience as both an undergraduate and postgraduate student from the esteemed KLE VK Institute of Dental Sciences, Belagavi has been truly enriching. I received an education that was second to none along with exceptional support from academic and clinical staff alike. The subject of Oral Pathology always fascinated me and hence I ended up pursing my masters in Department of Oral Pathology, where I acquired knowledge, skill set & values of highest caliber. With the state of art facilities provided by the Institute and exceptionally skilled faculty members who with keen interest guided me & made me the individual I am today. As I have begun my academic journey as an Assistant Professor in the Department of Oral Pathology at Subbaiah Institute of Dental Sciences, Shivamogga, Karnataka. I shall forever be indebted to the knowledge and foundation laid by alma matar.



FACULTY ACHIEVEMENTS

Faculty	Achievements	
Dr. Hema Kanathila Dr. Suvidha Patil	2nd Prize in Poster Presentation at National Symposium on Forensic Odontology & Disaster Victim Identification held in Feb. 2023.	
Dr. Shaila Kothiwale	Best community outreach in oral healthcare award held at Delhi in April 2023	
Dr.Mahantesh B., Dr. Aditya Dr. Swapnil Shankargouda Dr. Mallikarjun Doddamani	in Folymany 2022	
Dr Namrata Patil	Certificate course on Cone Beam Computed Tomography at MCODS Mangalore March 2023	

RESEARCH PATENTS (JAN TO JUNE 2023)

S .No	Faculty / Student	Department	Patents
1.	Dr. Ansari S, Dr. Shivayogi C, Dr. Anabelle L, Dr. Jayraj B. M. Dr. Lokesh K. S., Dr. Arun P., Dr. Ram Kumar K., Dr. Atrey J. K.	Oral Medicine & Radiology	The method of synthesizing a mucoadhesive gel for oral leukoplakia using Moringa oleifera extract
2.	Dr. Krishna K., Dr. Niraj G., Dr. Shivayogi M. H., Dr. Neha K., Dr. Shweta K., Dr. Bhaskar K, Dr. Shweta SH. Dr. Chandrashekhar B.,	Pediatric and Preventive Dentistry	Herbal mouthwash formulations of momordica charantia extract and spinacia oleracea extract
3.	Dr Apurva Deshpande Dr Anil Ankola Dr Veena Naik	Public Health Dentistry	Formulation of Polyherbal Jelly
4.	Dr. Neha K., Dr. Shivayogi MH., Dr. Krishna K., Dr. Bhaskar K., Dr. Vidyavathi HP., Dr. Shweta H., Dr. Sanjana S., Dr. Nivedita S., Dr. Chaitanya U.	Pediatric and Preventive Dentistry	Herbal dental gel formulation of zingiber officinale, salvadora persicaand cinnamomum zeylanicum
5.	Dr Pavitra, Dr Manjula M, Dr Bhaskar K., Dr Rubina M., Dr Deepa Mane.	Oral Pathology & Microbiology	Development of Herbal Antifungal Gel Containing origanum vulgare and syzygium aromaticum essential oil against oral candida albicans
6.	Dr Sanjay Rao, Dr. Sachin K Dr Punnya Angadi, Dr Deepa Mane	Oral & Maxillofacial Surgery	Chlorhexidine diacetate coated black braided silk i.e. CDC-BBS sutures for closure of surgical wounds in the oral cavity
7.	Dr. Anabelle Louise Veiga C. F. Dr. Arvind Shetti Dr. Vaishali Keluskar	Oral Medicine & Radiology	Tongue Retractor with incorporated Suction
8.	Dr Ram Surath Kumar K	Public Health Dentistry	Mouth guard for Scuba Divers
9.	Rajesh Suhas Swami	Prosthodontics	Dental Wax Spoon
10.	Rajesh Suhas Swami	Prosthodontics	Metric Dental Hot Plate
11.	Rajesh Suhas Swami	Prosthodontics	Metric Dental wax knife

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Pen Drop: ARTICLE CORNER HERBAL ANTIFUNGAL GEL:

AN ALTERNATIVE THERAPEUTIC APPROACH TO TREAT ORAL CANDIDIASIS

Oral candidiasis, commonly known as "thrush" is the most prevalent oral fungal infection. It is more frequently encountered in old aged and immunocompromised individuals, denture wearers, patients on long term antibiotics and steroid therapy. Many strategies are known to fight candidal infections, including antifungals with systemic or topical effects, showing a fungistatic or fungicidal action. However, the existing antifungal drugs have various side effects such as drug intolerance, resistance and toxicity due to usage of higher drug concentrations and prolonged therapies, which increases the number of drug resistant isolates and makes fungal infections a serious clinical problem.

Herbal essential oils are emerging as an alternative therapeutic approach to treat fungal infections. Recently, there has been a growing interest in natural products as it is easy to obtain, relatively less side effects, economical and have better biodegradability. Essential oils are volatile secondary metabolites of plants, which are not only ingredients of perfumes or seasonings for the aromatization of food, but also widely used in folk medicine as they possess different biological properties, including antimicrobial properties.

Amongst that, Origanum vulgare (oregano oil) is an aromatic herb, belonging to Lamiaceae family, has phenolic compounds in its composition, such as carvacrol, thymol and terpin 4-ol exhibits high antifungal activity against Candida albicans. These compounds act by directly inhibiting the germination and hyphae formation in Candida.

Syzygium aromaticum (clove oil) also known as clove, is a dried flower bud belonging to the Myrtaceae family exhibits antifungal property and are effective against fluconazole resistant strains. Combination of essential oils have a synergistic effect and aid in achieving effective antifungal activity at sufficiently lower concentrations of the active ingredients, which could lead to reduced side effects and resistance.

A novel biocompatible antifungal herbal gel comprising of Oregano and clove essential oils was formulated and developed (Patent Application no: 202341030001), which can help us to overcome the usage of standard antifungal drugs. Thus, this herbal gel provides an alternative therapeutic approach and therefore can be used topically for the treatment Oral candidiasis.



KLEVKIDS

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TRAIL - BLAZERS: POSTGRADUATE AWARDED FOR INVENTION







Topic: "Talking Denture"

Dr. Shreya Chindak and Dr. Nisha Puranik

Department of Prosthodontics and Crown & Bridge





Topic: Best Scientific Paper Award " Evaluation of synergistic antifungal activity of O. vulgare and S. aromaticum essential oils against oral C. albicans" Author

Dr. Pavithra J

Department of Oral Pathology and Microbiology

KLEVKIDS



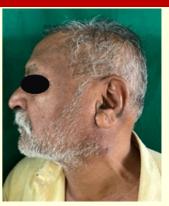
TREATMENT RENDERED & PATIENT STATISTICS

Acute Suppurative Parotitis















Pre-Treatment



Post-Treatment

Class II Treatment



Pre-Treatment



Post-Treatment

Open Bite





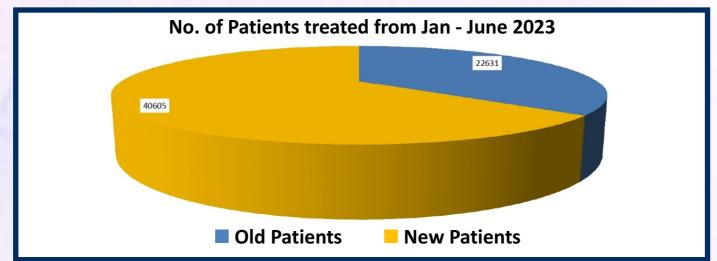
Pre-Treatment





Post-Treatment

Malocclusion Cases treated in Department of Orthodontics, KLE VKIDS, Belagavi





OUT REACH ACTIVITIES

Serving the community has always been the priority of KLEVKIDS for spreading the awareness of oral health and hygiene. Our out reach activities include Dental services through Dental camps at rural areas, old age homes, schools etc. and we also conduct NSS activities, Tobacco cessation counseling for the public & Swachh Bharath Abhiyan. In camps, patients are screened for oral health issues and referred to KLE VKIDS. Total 31 camps have been conducted and 3076 patients were benefitted.





RURAL AREAS









S

SCHOOLS







OUT REACH ACTIVITIES SATELLITE CENTERS





OUT REACH ACTIVITIES





CAMPS ON ORAL HYGIENE AWARENESS





AWARENESS ON TOBACCO CESSATION





SWACHH BHARATH ABHIYAN











DANT PARI

DENTAL AUXILIARY CERTIFICATE COURSE FOR WOMEN

Preamble

"Dant Pari – A dental auxiliary course" is a skill training certificate course designed for a period of 6 months. This course primarily intends to empower girls / women by providing education and training that can help in employment as dental chairside assistants for dentist in private dental clinics, government health services (PHCs) and in Dental institutions as dental nurses / auxiliaries.

Course Details

- One time admission for the course (January)
- Duration : Six months in six continuous modules
- Timing: 10 am to 3 pm Monday to Friday
- ◆ Course Fees : Rs 5000/-
- Contact : Dr Neelamma Shetti 77954 47015
- E-mail : dantparivkids@gmail.com











4 student have successfully completed the Dant Pari course and are placed in private dental clinic

CERTIFICATE COURSE ON ARTIFICIAL INTELLIGENCE IN DENTISTRY

Technology is changing the world; artificial intelligence is one of the technologies that has impacted every domain including healthcare. Keeping this, our institute started a certificate course 'Artificial Intelligence in Dentistry'. The course was inaugurated in November 2022 and ran over 6 months. The certificate course introduced the fundamentals of AI, applying AI for problem-solving in dentistry, and improving students' experimental work capacity through case studies.

The course helped participants to become more competitive and dynamic in their careers and profession. Students developed projects in the following domains, Biometric tooth print scanner (applied for a design patent), Automatic adjustment of dental chair light through Artificial intelligence, Predicting the need for orthodontic extraction using Artificial intelligence, To tackle the communication issues faced by the students with multi-linguistic geriatric patients with Artificial intelligence (Natural language processing), Early detection of TMJ disorders through Artificial intelligence, Discoverable dentures (using GPS chip and RFID tag).

Course Details:

- Weekend Course on Saturday & Sunday
- Selection shall be based on first-cum-first-serve basis
- •No. of seats for course: 15 seats. Contact : Dr Anand Badavannavar

Mobile : 9845857686

E-mail address : ai.vkids@gmail.com



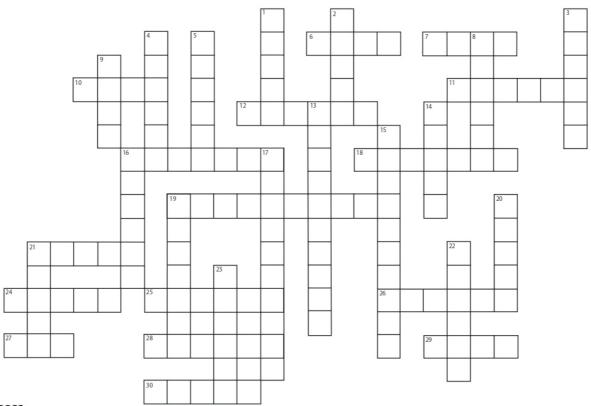






CROSS WORD

Gen and Flossy are putting their heads together to solve this crossword puzzle.



ACROSS

- Your first teeth.
- 7 They hold your teeth in place.
- 11 If not removed, can lead to cavities.
- 12 The hard outer layer of a tooth.
- 16 What your dentist applies to protect teeth from decay.
- **18** Visit your _____ regularly.
- 19 Sing into this to make your voice louder.
- 21 Brush your teeth at least _____ a day.
- 24 Pictures of your teeth.
- 25 A dentist uses this to help see all your teeth.
- 26 The words of a song.
- 27 Use only a _____-sized amount of toothpaste when you brush.
- 28 Limit between meal
- 29 Musical group.
- 30 Clean between your teeth with dental_

- The part of a tooth that you can see is called the ___
- Den likes to break-
- 3 Only eat sparingly to keep your smile healthy.
- 4 Don't forget to brush your_
- **5** A _____ hygienist cleans your teeth at the dentist's office.
- _are back teeth used for grinding food.
- 9 Bang on this to keep the beat!
- 13 Wear this to protect your smile while playing sports.
- 14 Drink this instead of soda pop.
- 15 Broccoli and carrots are nutritious ___

- 16 Den and Gen's last name is_
- 17 Use this to keep teeth clean.
- 19 Buck and Flossy's last name is _
- 20 Flossy and Buck are
- 21 Most kids have all their baby teeth by the age of ____
- 22 Six-stringed instrument.
- 23 Den wears to straighten his teeth.



1) - Loolhbright 19 - McGrinn, 20 - Thmis, 21 - Three, 18 - Sprace Down 1 - Montheured, 2 - Smeets, 4 - Tongue, 2 - Dentre, 18 - Wolfre, 2 28 - Shacks, 29 - Band, 20 - Floss 28 - Shacks, 29 - Montheured, 20 - Floss 29 - Shacks, 29 - Montheured, 20 - Floss Across, 6 - Bary, 7 - Gums, 10 - Grin, 11 - Plaque, 12 - Enamel, 16 - Sealant, 18 - Sealant, 20 - Floss Across, 6 - Bary, 7 - Gums, 10 - Grin, 11 - Plaque, 12 - Enamel, 16 - Sealant, 18 - Sealant, 20 - Floss, 20

Reference: ADA - American Dental Association

NEW EQUIPMENT - 2023



Ackuretta SOL 3D Printer







We welcome the newly appointed staff



Dr. Radhika Pathak Oral & Maxillofacial Surgery



Dr. Sandya Salve Conservative Dentistry & Endodontics

FACK

We bid Farewell to



Dr. Abhishek Zingade Periodontics



Dr. Aniket Chawan Conservative Dentistry & Endodontics













