KLE VK INSTITUTE OF DENTAL SCIENCES, BELAGAVI



P December - 2022 Vol. - 15; Issue 2

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"Perceptions Precedes Reality



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Honorary Degree of Doctor of Science being conferred to Dr. Prabhakar Kore, Chairman, KLE Society Chancellor, KLE KAHER

at

Thomas Jefferson University, Philadelphia, PA, USA



Azadi Ka Amruth Mahostava of India and celebrations of Honorable Chancellor's 75th birth anniversary has generated renewed energy in our faculty and students. This second edition of Perception for the year 2022, has highlighted not only our achievements and progress but also the entrepreneuring initiatives taken-up. Compliment to the imaginative ideas of our editors, who have come up with yet another, perfectly drafted news bulletin - 'Perception'. Best wishes & warm regards to all contributors and editors.



Dr Alka Kale

.....FROM THE EDITOR



"Clearly, the thing that's transforming is not the technology it's the technology that is transforming you."
...........Jeanne W. Ross

PROS AND CONS OF DIGITAL DENTISTRY

Dear Readers Greetings to all,

Digital dentistry is an intersection between dental health care and technology. It is usage of computing platforms, apps, softwares, sensors etc for oral health care and related uses, and has revolutionized the dentistry in its various disciplines. However the advantages of digital dentistry is enormous, Dental health professionals should also be aware of its potential short comings.

The pro's of digital dentistry include maintenance of standardized and automated clinical protocols by dentists in managing patients, procuring automated dental equipments, and utilization of newer diagnostic tests. They can also provide advanced treatment modalities and thus can improvise the quality of dental care with great accuracy and precision.

Dental educational institutions can monitor patient's treatment and follow up through patient management softwares. Students can learn new diagnostic and treatment options by rightly using the softwares available. Newer technology based teaching and learning methods can be implemented in the curriculum which is more student centric and student friendly and can overcome the barriers of conventional teaching. Student attendance and academic performance can be monitored digitally, which also provide accessibility for the parents. Implementing digital technology in the field of research can pave way for newer and greater opportunities for students and faculty.

Inspite of these pros, digital technology has several cons such as high cost, investment of time in learning the new technology, upgradations of the infrastructure, sensitization and training of faculty and students and proper utilization of the technology.

Incorporation of digital dentistry will pave way for many opportunities and oral health care providers should identify challenges in implementing the digital dentistry and further adapt to the new era of digital world.

Hope you enjoy reading this issue.



Dr Manjula M.

.....FROM THE CO-EDITOR

Season's Greetings, Dear Readers,



"Dant Pari Ya Ghar Ki Pari" -Dentist Women Balancing Personal and Professional Life

A woman has many responsibilities as someone's mother, sister, wife, daughter-in-law, daughter, and many more roles. Women strive to strike a balance between their professional lives and their familial, and childcare obligations, all over the world. While juggling both of these tasks at once is difficult, she approaches it as a challenge and manages to do it with her efficiency and charm.

Most female academicians and practitioners in dentistry have a history of making several concessions in both their professional and personal lives. Family care and work-life balance compromises have a detrimental effect on both. But as multitaskers go, women are often praised since they divide their time according to priorities, balancing their time with their families and careers.

Every phase of life is a challenge for women in her personal life which is related to her work life. For a working woman, the family's physical and emotional support is most important. A similar support and motivation at the work place also play a positive role in a woman's personal and professional life.

She plans and prioritises, you encourage and appreciate her, and that is all that is required to do quality job with positive results.

"Living in harmony creates a good work life balance, a work life balance makes u live in harmony"



Dr Hema K.



DDE ACTIVITIES

REGIONAL SEMINAR ON PALLIATIVE CARE

Department of Oral Medicine and Radiology organized a regional slide seminar as a part of Alumni Series of guest lectures on 15th July 2022, Dr. Mohit Pal Singh, Vice Principal & HOD Pacific Dental College & Hospital, Udaipur was the Resource person who gave lecture on the Topic "Palliative Care". He spoke on oral care in terminally ill diseases. Staff & PGs Students of ENT Department, Cancer Hospital, Maratha Mandal Dental College and KLE VK IDS Belagavi attended the programme.



LECTURE ON "TURNS OUT ITS BURNOUT"

The Department of Pediatric and Preventive dentistry hosted a guest lecture for the faculty, Post–graduate students and Interns on the topic "Turns out its Burnout" on 6th Sept. 2022. The guest speaker was Dr. Ramasubbareddy C, Prof & Head, Dept of Pediatric Dentistry from Hegdewar Smruti Rugna Seva Mandal's Dental College and Hospital, Hingoli, Maharashtra. The lecture highlighted the demanding nature of the dental profession, the concept of burnout due to it and its effective management. It was attended by 10 participants online and by 55 participants offline.





KLEVKIDS Page 3 of 20



LECTURE ON "BIOCLEAR CONCEPT IN DENTISTRY"

The Department of Conservative Dentistry And Endodontics organized guest lecture on Bioclear concept in dentistry on 14.9.2022. The speaker was Dr Kiran Ghotole, Reader, Al-Badar Dental College and hospital, Gulbarga. 52 participants were present.





LECTURE ON "PERIODONTICS AND THE YOUNG DENTISTS"

Department of Periodontics organized a Guest lecture on 19th September 2022. Dr. Balaji Manohar Principal, Professor and HOD, Dept. Periodontics, Kalinga Institute of Dental Sciences, KIIT Deemed to be University Bhubaneswar, Odisha gave a lecture on Topic "Periodontics and the Young Dentists". He spoke on scope of periodontics and different treatment options available.73 undergraduate students attended the lecture.





LECTURE ON "HUMAN JAW DEVELOPMENT"

Department of Oral Pathology and Microbiology organized the guest lecture online on 8th October 2022. Dr. Resham Pakhmode-, Periodontologist and Implantologist, Mumbai gave a lecture on "Human jaw evolution". Speaker elaborated about terminologies in Forensic odontology and Evolution of jaws of both animal and human species. 137 participants attended the lecture on online mode.



KLEVKIDS Page 4 of 20



WORKSHOP ON RESEARCH METHODOLOGY



Department of Dental Education conducted workshop on Research methodology on 16th and 17th November 2022 for Interns. Speakers were Dr Neelamma Shetti, Dr Snehalata Narvekar, Dr Laxmi Kabra, Dr Namrata Patil, Dr Vijalakshmi Shettar and they spoke on topics such as Research Question, Study Design, Biostatistics, Manuscript Writing, Critical Appraisal respectively. Various group activities were conducted and 42 interns were benefitted by the workshop.







HANDS ON WORKSHOP ON E-CONTENT DEVELOPMENT FOR AUDIO, PODCASTING AND SOCIAL MEDIA

Department of Dental Education conducted Hands on workshop on E- content development for Audio, Podcasting and Social Media on 3rd September 2022. Dr. Suresh Shenvi Reader, Dept of Conservative Dentistry and Endodontics KLEVKIDS gave lecture and conducted group activities and 9 faculty members were benefitted by the workshop.







KLEVKIDS Page 5 of 20



















KLE VK Institute of Dental Sciences

(A Constituent Unit of KLE Academy of Higher Education & Research KLE Deemed-to-be-university, Belagavi)

KLE VK Institute of Dental Sciences celebrates the 75th birthday of Honorable Chancellor Dr Prabhakar Kore by conducting series of activities encouraging different facets of services for the society at large.



Restoration of remand home for girls at Savadatti

Donations of note books to helps the under privileged children of 4 adopted Govt. Primary Schools at Hosur & Kakati

Dental check-up camp in 75 schools.

Commencing with 1st Camp at Ankali

Basic computer education to 10 deserving girls

Donation of clothes to needy

Introduction to CBCT to practicing dentists of Belagavi

Inauguration of TAB microscope with whole filed view with live image sharing

Blood Donation Camp













ALUMNI SERIES OF GUEST LECTURE

A guest lecture was organized as a part of Alumni Series of guest lectures on October 1st 2022 by the Department of Conservative Dentistry and Endodontics. Dr. Neha Chhasatia, Private Practitioner, Surat, gave an interesting lecture on the topic "Documentation". 76 participants got benefitted from the lecture.





An Alumni Guest Lecture on 'Intersection of Health Care & Technology: An Entrepreneurial Mindset' was given by Dr. Pragya Singh BDS, CIEIIIT Incubation center Hyderabad, on 5th December 2022.otal number of participants were 42.



Another alumni guest lecture was organised by the Department of Pediatric and Preventive dentistry on a virtual platform on the topic "World Through Lenses of the Special Tiny Tots" on November 14th 2022. The speaker was Dr. Anushka Parakh, Speech Language Pathology, New York Medical College USA. Total participants were 50.





KLEVKIDS Page 7 of 20



FACULTY DEVELOPMENT PROGRAMME

Faculty development programme was organized by the Department of Dental Education on 18th August, titled "Sensitization Lecture on Best Practices of OBE– Its Implementation and Success" with speakers. Dr. Sounyala Rayannavar, Reader, Department of Prosthodontics, KLEVKIDS and Dr. Manjula. M, Reader, Department of Oral Pathology, KLEVKIDS. The total participants were 58.





Another Faculty development programme based on assessment was organized by the Department of Dental Education on 22nd September 2022. The topic was "Mini Clinical Examination" [Mini CEX] and the speakers were Dr.K M Keluskar, Professor, Department of Orthodontics, KLEVKIDS and Dr. Anand Badavannavar, Reader, KLEVKIDS. A total of 66 participants attended the programme.





KLEVKIDS Page 8 of 20



FACULTY DEVELOPMENT PROGRAMME

A Valuable Faculty development programme on "Development of E Content for Effective Teaching & Learning" was organized by Department of Dental Education on July 21st 2022 with speakers Dr. Shweta Hugar Lecturer, Department of Periodontics and Dr. Kajal Gokak Lecturer, Department of Oral medicine and Radiology.



A faculty development programme was conducted by the Department of Dental Education on 20th October 2022 on the topic "Professionalism", with Dr. Neelamma Shetti and Dr. Shruti Karvekar, as speakers from the Department of Periodontics, KLEVKIDS. A total of 58 participants attended the programme.



KLEVKIDS Page 9 of 20



DENTAL PHOTOGRAPHY SETTINGS - A READY RECKONER

Basic Camera Settings

	Extraoral	Intraoral	
Aperture (f/stop)	f/8-10	f/20-22 to f/32	
Shutter speed	1/125-200	1/125-200	
ISO	100-200	100-200	
Magnification	1:10	1:2 or 1:3	

Racio Recommended Images

Basic Recommended Images					
Image	Cheek Retractor	Mirror	Technique	Image	Remarks
Extra Oral Front, Side profiles, Oblique Profiles	No	No			Same settings for extra oral pics
Smile	No	No		Ween,	
Anteriors	Yes	No		Mariant	
Right/Left Buccal	Yes	Yes/no			Either a mirror view or a direct retracted view without mirror can be taken.
axillary Occlusal	Yes	Yes	, est		Cut C shaped retractors are helpful
Mandibular Occlusal	Yes	Yes			
Posterior quadrant	Yes	Yes			Dr (Conse Ne 221-22 Honey

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Dr. Neha Chhasatia M.D.S. (Conservative Dentistry & Endodontics) Neha's Dental Care Microscope **Enhanced Dentistry** 221-222, Green Plaza, L. P. Savani circle, Honey Park road, Adajan, Surat. 395009



FACULTY ACHIEVEMENTS

Faculty	Achievements	
Dr. Preeti Doddwad Dr. Shivayogi Hugar Dr. Renuka Metgud Dr. Shweta Hugar Dr. Shweta Kajjari	Faculty Merit Award By Karnataka Lingayat Society, Belagavi	
Dr. Punnya Angadi	Young Scientist Award, KAHER, Belagavi	
Dr. Swapnil Shankargouda	Fellowship in Implantology from the International Congress of Oral Implantologists	
Dr. Sounyala Rayannavar	Fellowship in Leadership in Interprofessional Education by MAHE-Faimer(USA)	
Dr. Niraj Gokhale	Best Paper Award, 43rd ISPPD National Conference, Bhopal	
Dr. Neha S Dhaded	Most Proactive Academician for the Year 2021-22, By Guident	
Dr. Shweta Kajjari	Indian Education Awards – 2022 for Outstanding achievement and contribution in the field of Education	
Dr. Sunita Shivanand	Executive Committee Member Award Indian Association of Conservative Dentistry and Endodontics	
Dr. Aditya Acharya	Dr. V V Subba Reddy award for best CDE Convener, IDA, Karnataka State Branch.	
Dr Roopali Sankeshwari & Dr Sagar Jalihal	Best Teacher Award	

RESEARCH PATENTS (JULY TO DEC. 2022)

S .No	Faculty / Student	Department	Patent Granted
1.	Dr Neha Dhaded Dr Preeti Kore	Conservative	Propolis gel as an intracanal medicament in endodontic treatment of permanent teeth
2.	Dr. Shweta Kajjari Dr. Shivayogi M. Hugar Dr. Vanishree B.K Dr. Trupti V. Sadhunavar Dr. Chandrashekhar Badakar Dr. Niraj Gokhale Dr. Nivedita Saxena Dr. Pooja Dialani	Pedodontics	Formulation of mouthwash with ethanolic extract of mentha arvensis
3.	Dr. Anandkumar Patil	Prosthodontics	A portable multilevel electromechanical and photo-chemical disinfecting device for a removable intra oral Prosthesis/dental hardware
4.	Dr. Hema K	Prosthodontics	Dental implant for better Osseointegration

KLEVKIDS Page 11 of 20



Ten Drop: ARTICLE CORNER

VIRTUAL SLIDE AS A TEACHING TOOL

As quoted by Sir William Osler "As is our pathology, so is our practice. What the Pathologist thinks today, the Physician does tomorrow."

Oral Pathology as a subject has been taught since time immemorial by using textbooks, glass slides, and conventional microscopy. The fundamental understanding of various normal cellular morphology and the various patterns pathologies can present with, forms a cornerstone of pathology learning for post-graduate as well as under-graduate students and with time, the vast sea of knowledge is also ever growing.

Web-resources in pathology have expanded dramatically in the last 20 years and digital technologies could push the field of learning pathology into becoming more efficient and more scalable in terms of delivering adequately to the students as well as providing them with up-to-date knowledge of the current and changing scenarios.

Implementation of Virtual training in pathology has started in western countries and has shown considerable rise in interest towards the subject, as compared to being taught by conventional microscopes. In developing countries like India, with the plight of the COVID pandemic & the sudden rise in need of online education made it a herculean task for the teachers to explain the concepts of pathology virtually and the exorbitant cost of purchasing a Whole Slide Image Scanner also made it futile. The advantages of this technique include:– Interactive Environment, Manual Method and Minimal Infra-structure.

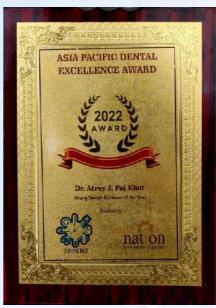
So, with this innovative & economical technique of Microscopic Photo-quilting (Patent Appn no. 202241032961A), we created a virtual slide manually which can be implemented for teaching and learning Pathology virtually and classroom environment.

Author
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TRAIL - BLAZERS: POSTGRADUATE AWARDED FOR INVENTION





A nuclear family toothbrush sterilizer unit



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SPECIAL CASES - CLINICAL IMAGES

Case of Right Buccal space, Canine space, Temporal space & Submandibular space infection









Pre-operative photograph

Incision and drainage done under general anaesthesia

Post-operative photograph

Operating Surgeon - Dr. Shridhar D. Baliga & Dr. Sanjay S. Rao, Dept. Of Oral Surgery, KLE VKIDS, Belagavi

A Case of Bear Attack : Deglove Injury





Pre-operative Photograph



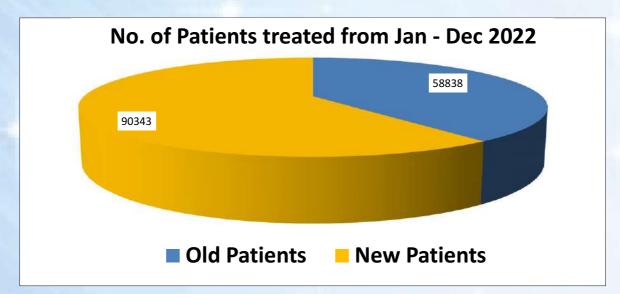




Intra-operative Photograph

Post-operative Photograph

Operating Surgeon - Dr Arati Neeli ; Department of Oral Surgery ; 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 37 camps have been conducted and 7373 patients were benefitted.





RURAL AREAS







S

SCHOOLS







OUT REACH ACTIVITIES SATELLITE CENTERS





OUT REACH ACTIVITIES





CHILDREN'S DAY ACTIVITIES





AWARENESS ON TOBACCO CESSATION



WORLD HIV DAY



SWACHH BHARATH ABHIYAN



Course Background:

Artificial Intelligence is a wide-ranging branch of computer sciences concerned with building smart machines capable of performing tasks that typically require human intelligence. The field of dentistry is witnessing changes with the application of AI since the last few years. The certificate course shall introduce the fundamentals of AI, viewed as an

application domain for computer science, intelligent systems, and machine learning (apply AI in problem solving in dentistry) with special attention to the realization of perception-action schemes and behaviour control; improve students' experimental work capacity, through the analysis of case studies and laboratory work. Participants can learn how AI can be used in dentistry & this course will help participants to be more competitive and dynamic in their career and profession.



Target Beneficiaries.

Course is open to:

- BDS students
- Interns
- PG students
- Faculty members

Objectives of the Course:

By the end of the course the learner will be able to

- Understand the fundamentals of Artificial Intelligence.
- Recall applications of AI in dentistry.
- Develop projects based on AI in dentistry.

Expected Outcomes:

- Applications of AI in global health industry.
- Enable dentists to find AI solutions in dentistry.
- Empower dentists to become innovative thinkers

Course Details:

- Weekend Course on Saturday & Sunday
- Selection shall be based on first-cum-first-serve basis.
- Selected participants will be communicated through e-mail / contact number
- Course completion certificate will be given subject to fulfilment of :
 - i. Attendance of all modules; ii. Submission of assignment; iii. Assessment.

No. of seats for course: 15 seats.

Course Duration:

- The course is designed for 50 hours.
- Course shall be covered over
 5 modules.

How to Apply:

Duly filled application form should reach the course coordinator

Dr Anand Badavannavar along with payment details to the E-mail address: ai.vkids@gmail.com

When to Apply.

- † Application forms will be available in College office: KLE VK Institute of Dental Sciences, JNMC Campus, Nehru Nagar, Belagavi. Phone: 08312470362.
- † Apply online @: kledental-bgm.edu.in
- † Forms will be available by 1st August; Last date to submit the filled application form by 15th August.
- **†**Commencement of the course: 1st week of September

Registration Fees . Rs 5000/-

Mode of Payment : NEFT Name of the SB Account : Registrar KLE University for VKIDS A/C No.: 05042170000081 Branch Code: 10504

IFSC Code: CNRB0010504; Canara Bank, Nehru Nagar, Belgaum - 590010









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 chair-side assistants for dentist in private dental clinics, government health services (PHCs) and in Dental institutions as dental nurses / auxiliaries.

As entrepreneurs the KLE VK Institute of Dental Sciences, Belagavi, Dant Pari Foundation, New Delhi and as support partner, the KLE's Swashakti Empowerment Cell for women has initiated this innovative programme to create jobs, to prepare work force to meet the social needs.



Expected Outcome

- Trained dental assistants & dental nurses
- Opportunity for placement
- Scope to join dental related diploma courses

How to Apply

- Submit completely filled given form along with 2 identity card size photographs
- Enclose documents: Copy of Adhaar card, XII Std. passing certificates, fees paid receipt.
- Filled form with documents to be submitted to:
 Office of Principal, KLE VK Institute of Dental
 Sciences, Nehru Nagar, Belagavi 590010.
- ◆Contact : Dr Neelamma Shetti 77954 47015
- ◆E-mail: dantparivkids@gmail.com

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/-

The Course Offers

- → Dexterity to develop dental clinic based skills
- **→** Training in infection control
- → Organizational skills
- + Record keeping and accounts
- + Communication skills
- + Interpersonal skills
- → Professional appearance and approach
- **→** Employability



Registration Fees: Rs 5000/-

Mode of Payment : NEFT

Name of the SB Account : Registrar KLE University for VKIDS

A/C No.: 05042170000081

Branch Code: 10504

IFSC Code: CNRB0010504

Canara Bank, Nehru Nagar, Belagavi - 590010.



CROSS WORD

Dental Word Search

TYVAGFRUITBWQKIII NEE EAACANI P T N I N E P VAU ING IL GA S X A NAME LQK E I GN QMMXU MN E W N GEO JIV Ι F J S C R AZ Т K Ι A I В T ORU 0 UWXS R D A Н Ρ THBR S H Х RST K R M A В Q K ROWN S G K GSN I JCAVIT ESFWC I

Snacking Sugar toothpaste Plaque Crown Canine Smiling Vegetables Toothbrush Gingiva Enamel tooth

Talking Fruit Calculus Pulp Permolars Chewing Fluoride Gingivitis Root Molars

Acid floss Cavities Dentine Incisors

NEW EQUIPMENT - 2022

An Innovative Binocular microscope was gifted to the Dept of Oral Pathology by Dr Amit Garg CEO M/s Adelta Optec and 2nd Batch Alumnus of KLE VK IDS.



<u>Contact for details :</u> www.adeltaoptec.com adeltaoptec@gmail.com



ADELTA OPTEC
Innovative binocular microscope
with docking station for
Anroid tablet with electronic
LED Pointer

We welcome the newly appointed staff



Dr. David Albert Coutinho Public Health Dentistry



Dr. Rajesh Suhas Swami Prosthodontics

We bid Farewell to



Dr. Neha Deshpande Conservative Dentistry & Endodontics

HEALTH SCIENCE EXHIBITION: DENTAL SECTION (20th Nov 2022 to 2nd Dec. 2022)



KLE















