Committee for the Course

Course Co-ordinator :
Dr. Anand Badavannavar, Dept of Orthodontics

Member Secretary :
Dr. Veena Benkatti, Dept. of Prosthodontics

Members:
Dr. Chetan Belaldavar, Dept. of Oral Pathology
Dr. Suresh Shenvi, Dept. of Conservative
Dr Vasanti Jirge, Dept. of Oral Medicine

Advisory Committee :
Dr. Alka Kale
Principal
Dr. Anjana Bagewadi
Vice Principal
Dr. Vinayak Kumbhojkar
Dean
Dr. Preeti Kore
Life Member, & Member Secretary of Health
Sciences, KLE Society
Dr Shivayogi Hugar
Life Member, KLE Society

Resource Persons:

1. Dr. Prasad Ramapure
Principal & Chief advisor
along with his team
KLE College of Engineering & Technology
Chikkodi

2. Dr. Pragya Singh
Product Manager, Clinical AI Projects, INAI
IIITH, IIIT, Hyderabad.
Linkedin.com/in/drpragya-singh

Registration Form

Certificate Course on Artificial Intelligence in Dentistry

Name : ....

Date of Birth : ....

Student / Intern / PG / Faculty

....

Institution : ....

Address for communication

....

....

Email ID : ....

Mobile No. : ....

Payment Transaction details :

Signature of the Applicant

Registration forms are available on
https://kledental-bgm.edu.in/

For more Information
Contact : Dr. Anand Badavannavar
Dept of Orthodontics
KLE VKIDS
9845857686

Certificate Course on Artificial Intelligence in Dentistry

Limited Seats 15 only

Organized by :
KLE VK Institute of Dental Sciences
Belagavi
in collaboration with
KLE College of Engineering
& Technology, Chikodi

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. It is a specific property of the machines which mimics human intelligence as characterized by behaviours for example cognitive ability, learning, memory, and decision making. Today, the amount of data that is generated by both humans and machines far outpaces humans ability to absorb, interpret, and make complex decisions based on that data. 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. Energetic and enthusiastic participants can join and 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

Future Scope :

- An innovative idea can be incubated @ Headstart Network Foundation, Hyderabad.
- Development of AI based dental equipments / devices.

Course Duration :

- The course is designed for 50 hours for a period of one year along with extern-ship
- Course shall be covered over 5 modules.

Key Topics:

- Introduction to AI in health sector
- Human intelligence vs Artificial Intelligence
- AI basic concepts, terminologies & work flow
- Branches of AI
- Applications of AI in dentistry
- AI in shaping the future of dentistry
- AI in dentistry : risks involved & ethical concerns
- Research & development of AI & Job opportunities
- Project / Assessment using AI

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.

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 10th December
- Last date to submit the filled application form by 25th December.
- Commencement of the course : First week of January 2025

Registration Fees : Rs 10000/-
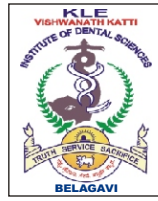
Mode of Payment : NEFT
Name of the SB Account :
Registrar KLE University for VKIDS
A/C No. : 05042170000081
Branch Code : 10504
IFSC Code : CNRB0010504
Canara Bank, Nehru Nagar, Belgaum - 590010

KLE ACADEMY OF HIGHER EDUCATION & RESEARCH, BELAGAVI

Deemed-to-be-University Established under section 3 of the UGC ACT 1956, vide Government of India Notification No F919/20007.3(A)

Accredited 'A+' Grade by NAAC (3rd Cycle) & Placed in Category 'A' by MoE(GoI)

Certificate Course on
Artificial Intelligence in Dentistry

Jan. 2025 - Dec 2025

Registration Form

Certificate Course on
Artificial Intelligence in Dentistry

Name : ....

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Signature of the Applicant :

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