SCHEDULE FOR FACULTY DEVELOPMENT PROGRAMS

BASICS OF MEDICAL EDUCATION TECHNOLOGIES

YOGITA DENTAL COLLEGE AND HOSPITAL, KHED

Date- 10|12|22

NOTICE

Faculty Development Program - Basics of Medical Education Technologies

All Teaching Staff,

We are excited to inform you about an upcoming Faculty Development Program (FDP) titled "Basics of Medical Education Technologies" scheduled to be held at Yogita Dental College on 15/12/22 from 9:00 AM to 5:00 PM.

Details of the Program:

Title: Basics of Medical Education Technologies

Venue: Yogita Dental College (Blue Classroom)

This FDP aims to equip our teaching staff with the latest advancements and best practices in medical education technologies. The sessions will cover a wide range of topics, including but not limited to:

1. Integrating technology into the curriculum.

2. Effective use of e-learning tools.

3. Interactive teaching methods.

4. Virtual simulations in medical education.

5. Assessment strategies using technology.

We believe that participation in this program will enhance your teaching skills and contribute to the overall academic excellence of Yogita Dental College.

Kindly confirm your attendance by 13/12/22 to ensure proper arrangements for the program.

We look forward to your active participation and engagement in this Faculty Development Program.

Dean
Dr. Varsha Jadhav

YOGITA DENTAL COLLEGE AND HOSPITAL, KHED

PROGRAM REPORT

Faculty Development Program

Program Title: Basics of Medical Education Technologies

Date: 15th December 2022

Time: 9:00 AM to 5:00 PM

Introduction:

The Faculty Development Program on the Basics of Medical Education Technologies was conducted on 15th December 2022 at Yogita Dental College. The program aimed to empower the teaching staff with the latest trends and methodologies in integrating technology into medical education.

Program Highlights:

1. Integrating Technology into the Curriculum:

Key Takeaways:

Understanding the importance of technology in medical education. Incorporating digital resources for effective teaching. Creating a technology-integrated curriculum to enhance learning outcomes.

2. Effective Use of E-Learning Tools:

Key Takeaways:

Introduction to various e-learning platforms and tools. Hands-on sessions on using virtual classrooms. Strategies for creating engaging online content for medical courses.

3. Interactive Teaching Methods:

Key Takeaways:

Exploring interactive teaching techniques for a more engaged classroom. Incorporating case studies, group discussions, and real-life scenarios. Fostering student participation through online and offline interactive methods.

YOGITA DENTAL COLLEGE AND HOSPITAL, KHED

4. Virtual Simulations in Medical Education:

Key Takeaways:

Understanding the role of virtual simulations in medical training. Demo sessions on using medical simulation software. Integrating virtual patient scenarios into the curriculum.

5. Assessment Strategies Using Technology:

Key Takeaways:

Exploring digital assessment tools for formative and summative evaluations. Designing objective and fair online assessments. Addressing challenges and best practices in technology-based assessments.

Participant Feedback:

Participants expressed high satisfaction with the program, highlighting its practical relevance to their teaching practices. The interactive sessions and hands-on workshops were particularly appreciated for providing a deeper understanding of the topics.

Conclusion:

The Faculty Development Program on Basics of Medical Education Technologies was a resounding success. It equipped our teaching staff with valuable insights and practical skills to enhance the quality of medical education through the effective use of technology. We extend our gratitude to the speakers and participants for their active involvement and contribution to the success of the program.
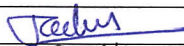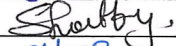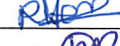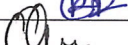
Dean
Dr. Varsha Jadhav
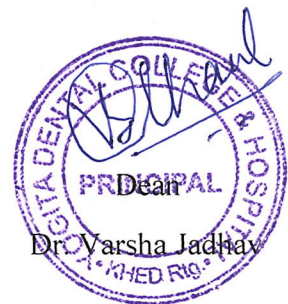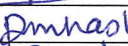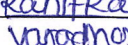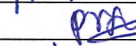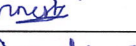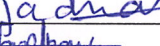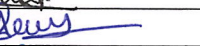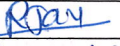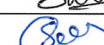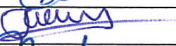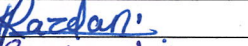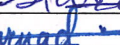
YOGITA DENTAL COLLEGE AND HOSPITAL, KHED

LIST OF PARTICIPANTS

Faculty Development Program

Program Title: Basics of Medical Education Technologies

SR. NO.	NAME OF THE STAFF	SIGNATURE
1.	Dr. Varsha Jadhav	
2.	Dr.Prashant Shetty	
3.	Dr. Rashmi Heragi	
4.	Dr. Kamlesh Talesara	
5.	Dr.Onkar Bagade	
6.	Dr. Purva jannawar	
7.	Dr. Dipika Mhasurkar	
8.	Dr. Saba Palekar	
9.	Dr. Pradeep Taide	
10.	Dr.Annesh Kanitkar	
11.	Dr. Varunraj Jadhav	
12.	Dr. Swapnil jadhav	
13.	Dr. Pradeep Taide	
14.	Dr.Annesh Kanitkar	
15.	Dr. Varunraj Jadhav	
16.	Dr. Swapnil jadhav	
17.	Dr. Pradeep Taide	
18.	Dr.Annesh Kanitkar	
19.	Dr. Rashmi Jayanna	
20.	Dr. Priyanka Razdan	
21.	Dr. Swapnil Mhatre	
22.	Dr. Jigar Yadav	
23.	Dr. Sandeep Sidral	
24.	Dr. Rashmi Jayanna	
25.	Dr. Priyanka Razdan	
26.	Dr. Swapnil Mhatre	
27.	Dr. Jigar Yadav	
28.	Dr. Sandeep Sidral	
29.	Dr.Pallavi Karnad	
30.	Dr.Manmohan Jadhav	

YOGITA DENTAL COLLEGE AND HOSPITAL, KHED

31.	Dr.Apeksha Ghatage	
32.	Dr.Upendra Talathi	
33.	Dr.Neha Dandekar	
34.	Dr.Parag Karnad	
35.	Dr.Nadim Khatib	
36.	Dr.Riaz Mulla	
37.	Dr.Shishir Bhatkar	
38.	Dr.Vaibhav Kulkarni	
39.	Dr.Abbas Jabale	
40.	Dr.Anil Joshi	
41.	Dr. Aditya Dupare	
42.	Dr.Mrudula Sabale	
43.	Dr. Shashikant Parkhe	
44.	Dr. Anamika Gupta	
45.	Dr. Mugdha Khond	
46.	Dr. Shivani Anuse	
47.	Dr. Aruna Yadav	
48.	Dr.Javed Mahadik	
49.	Dr.Seema Kole	
50.	Dr. Aditya Dupare	
51.	Dr. Vidyarjan Sukhadeve	
52.	Dr. Charwak Tayade	
53.	Dr.Mrudula Sabale	
54.	Dr.Manasi Kale	
55.	Dr. Aditi Salunkhe	
56.	Dr. Kedar Vaidya	
57.	Dr. Shoeb Khatib	
58.	Dr.ChandraShekhar Pingal	
59.	Dr. Nazish Shaikh	
60.	Dr. Tahseen Desai	
61.	Dr.Janhavi Guhagarkar	
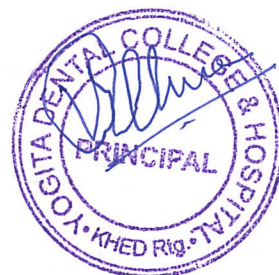
BASIC RESEARCH METHODOLOGY

Program Schedule Of Basic Workshop In Research Methodology
Venue: Yogita Dental College & Hospital, Khed.
28th , 29th and 30th December 2022

DAY 1 – 28th December 2022   **Moderator: Dr. Dheeraj Kalra**

Sr.No	Topic	Method	Facilitator	Time (minutes)	From - To
1.	Inauguration, Registration and pre-test			30	9.00 am to 9:30 am
2.	L-1: Introduction to Research methodology	Lecture	Dr. Dheeraj Kalra	45	9.30 am to 10.15 am
3.	L-2: Study designs-1: Descriptive Studies	Lecture	Dr.Mayur Giri	45	10.15 am to 11.00 am
4.	Short break			15	11.00 am to 11.15 am
5.	L-3: Study design-2: Case control and Cohort studies	Lecture	Dr. Dheeraj Kalra	45	11.15 am to 12.00 pm
6.	Long break			30	12.00 pm to 12.30 pm
7.	L-5: Study design-3: Experimental studies	Lecture	Dr. Mayur Giri	45	12.30 pm to 1:15 pm
8.	Short break			15	1.15 pm to 2.00 pm
9.	Group Activity-1: Participants will be divided into 4-5 groups. • Each group will discuss among itself and come out with at-least 2 research questions and related hypothesis • Indicate why the topic was selected by the group over other topic • Indicate the type of study with reasons there of	Activity	Dr. Dheeraj & Dr. Mayur	90	2.00 pm to 3.30 pm

	• Indicate dependent and independent variables included in the study				

Program Schedule Of Basic Workshop In Research Methodology
Venue: Yogita Dental College & Hospital, Khed.
28th , 29th and 30th December 2022

DAY 2 - 29th December 2022   **Moderator: Dr. Dheeraj Kalra**

Sr.No	Topic	Method	Facilitator	Time (minutes)	From – To
1.	L-6: Literature search	Lecture	Dr. Shrikanth M.	60	9.00 am to 10 am
2.	Group activity-2: Participants will be divided into groups as was done for GA-1. Each group will try to search references related to topics finalized	Lecture Demo		60	10 am to 11 am
3.	Short break			15	11 am to 11.15 am
4.	L-7: Writing a research protocol	Lecture & Activity	Dr. Mayur	75	11.15 am to 12.30 pm
5.	L-8: Ethical issues in medical research Groups will present ethical issues in their respective studies	Lecture	Dr. Mayur/ Dr, Shrikanth	60	12.30 pm to 1.30 pm
6.	Long Break			30	1.30 pm to 2.00 pm
7.	L 9: Qualitative Research	Lecture	Dr. Shrikanth	60	2.00 pm to 3.00 pm
8.	Short break			15	3.00 pm to 3.15 pm
9.	L10: Questionnaire designing	Lecture	Dr. Mayur	45	3.15 pm to 4.00 pm

Program Schedule Of Basic Workshop In Research Methodology
Venue: Yogita Dental College & Hospital, Khed.
28th , 29th and 30th December 2022

DAY 3- 30th December 2022   **Moderator: Dr. Dheeraj Kalra**

Sr.No	Topic	Method	Facilitator	Time (minutes)	From – To
1.	L-11: Types of data and Data Presentation	Lecture	Dr. Dheeraj Kalra	60	9.00 am to 10.00 am
	L-12: Sampling: Methods & Sample size	Lecture	Dr. Dheeraj Kalra/Dr. Mayur	45	10.00 am to 10.45am
2.	Short Break			15	10.45 am to 11.00 am
3.	Group activity 3: Participants will be divided into groups as in GA-1. Each group will discuss and present • Sampling method adopted for the studies selected in GA-1. • Discuss and present sample size determined for the study Generate and present at least 3 dummy tables	Group work	Dr. Dheeraj Kalra	60	11.00 am to 12.00 pm
4.	Long Break			30	12.00 pm to 12.30 pm
5.	L-13: Inferential Statistics	Lecture	Dr. Dheeraj Kalra	60	12.30 pm to 1.30 pm
6.	Group Activity-4: The groups will discuss about the inferential statistics (statistical tests) to be applied for the study design discussed in earlier group exercises	Group work	Dr. Dheeraj Kalra	30	1.30 pm to 2.00 pm
7.	L-14: Computer assistance in Data Analysis Excel and EPI Info & SPSS	Lecture	Dr. Dheeraj Kalra	45	2.00 pm to 2.45 pm

8.	L-15: Critical evaluation of Journal article	Lecture	Dr. Shrikanth M.	60	2.45 pm to 3.45 pm
9.	Group Activity-5: Two journal articles (different study designs) will be presented and discussed by members.	Group activity		60	3.45 pm to 4.45 pm
10.	Post- Test and Valedictory			15	4.45 pm to 5.00 pm

INTRODUCTION TO SYSTEMATIC REVIEWS FOR DENTAL HEALTH PROFESSIONALS

Course outline

Lectures and assignments ()

- Lecture 1: Overview of Systematic Review and Meta-Analysis (unit? unit=1&lesson=2)

- Quiz: Assignment 1: Overview of Systematic Review and Meta-Analysis (assessment? name=12)

- Lecture 2: Framing the Review Question (unit? unit=1&lesson=3)

- Quiz: Assignment 2: Framing the Review Question

NIeCer 104: Introduction to Systematic Reviews for Dental Health Professionals

ABOUT: This course is part of the series of courses on health research offered by ICMR-NIE. Systematic reviews, as a method of conducting research synthesis, are becoming common. They provide much needed evidence in areas which lack a concrete consensus and are considered cornerstones of forming practice and policy guidelines. This course was born out of the need felt among dental health professionals across the country to understand the basic principles of conducting a systematic review. Over the course of our lectures, the participants will be able to grasp the most essential steps and understand the various activities involved while carrying out a systematic review. We expect the course to be useful to dental health professionals who have minimal to no exposure to systematic reviews.

INTENDED AUDIENCE: Any health researcher

INDUSTRY SUPPORT: Government/ private sector, public health service institutions/ agencies, Post graduate institutions in biomedical and allied sciences, Dental colleges / Universities, NGOs engaged in health research, Clinical research organizations, Pharma companies and marketing research organizations

Introduction to Systematic Reviews for Dental Health Profes...

Dr. Rubeshkumar P C

Dr. Ganeshkumar P

Dr. Saravanakumar V

Dr. Bhavani Shakara B

Dr. Jeyashree K

Dr. Rizwan S A

Dr. Gilbert Majella

The instructors for this course comprise of a variety of public health experts who have gained vast experience in the field of health research. They also serve as faculty members at the ICMR School of Public Health of the ICMR-National Institute of Epidemiology, Chennai, India. These faculty members have been conducting epidemiological/public health research and have rich experience in publishing high impact factor, national and international journals.

Further details about the course can be found at
https://nie.gov.in/icmr_sph/Dental-health-professionals.html
(https://nie.gov.in/)

Apart from this course, ICMR-NIE also offers several offline and online
courses. For more details, please visit https://nie.gov.in/
(https://nie.gov.in)

1. **Academic coordinators**
   Dr. S. A. Rizwan, M.D.,

2. **Teaching assistant**
   Dr. H. Madhumitha Ph.D.,

COURSE TYPE

Elective

COURSE LEVEL

Certificate

COURSE LAYOUT

COURSE CONTENTS

The course includes 8 lectures (as shown below) covering the various concepts and step involved in conducting a systematic review. Learning materials will include – video lectures, lecture handouts and additional reading/resource materials.

1. Overview of Systematic Review and Meta-analysis
2. Framing the review question
3. Framing the eligibility criteria
4. Sources of literature
5. Strategies for searching the evidence
6. Screening, selection and data abstraction process
7. Assessing bias and data synthesis
8. PRISMA- P and protocol registration

ASSIGNMENTS

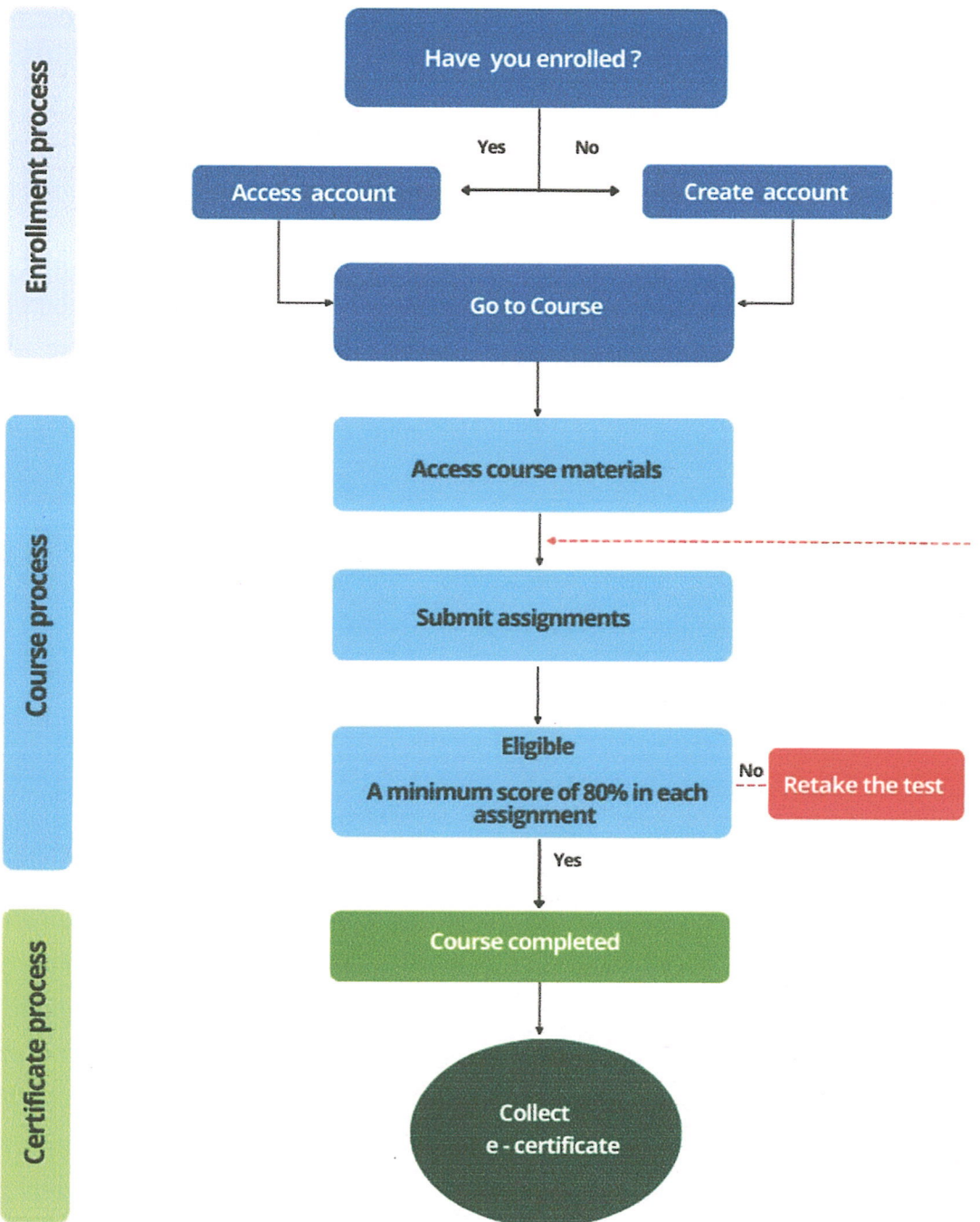● All lectures will have a mandatory assignment consisting of 5 multiple-choice questions (MCQs).

COURSE PROCESS

Enrollment process

Have you enrolled ?

Yes | No

Access account ←→ **Create account**

Go to Course

Course process

Access course materials

Submit assignments

Eligible
A minimum score of 80% in each assignment

No --- **Retake the test**

Yes

Course completed

Certificate process

Collect e - certificate

Note: Name as entered during enrollment will appear in the e-certificate.

BOOKS AND REFERENCES

- Cochrane Handbook for Systematic Reviews of Interventions version 6.0 (updated August 2019). Cochrane, 2019. www.training.cochrane.org/handbook (http://www.training.cochrane.org/handbook)

- World Health Organization Handbook. How to conduct systematic reviews of health policy and systems research in low- and middle-income countries. https://www.who.int/alliance-hpsr/projects/alliancehpsr_handbooksystematicreviewschile.pdf?ua=1 (https://www.who.int/alliance-hpsr/projects/alliancehpsr_handbooksystematicreviewschile.pdf?ua=1)

CERTIFICATE

- A minimum of 80% in each assignment is mandatory for successful completion and certification.
- e-Certificate will be sent to the registered email id of successful participants at the end of every month.
- There are no credit points for this course.

Note: Name as entered during enrollment will appear in the e-certificate. No further changes will be entertained in the e-certificate.

MS-CIT

MS-CIT
Maharashtra State-Certificate In Information Technology

Course Duration

Course Details

Introduction

Eligibility and Medium

Course Duration

Course Syllabus

Examination

Fees

Important Dates

Learning Options

Center Setup

Course Duration

Course Duration: 144 Hours (2 Months)	
Theory: Inform Content - 50 Hours eLearning of Classroom Content	Daily 1 hour / Session On ALC Computer or On Learner Smartphone or In ALC Classroom
Practical: Perform Content - 50 Hours eLearning of Lab Content on Computer only	Daily 1 hour / Session On ALC Computer only
Homework: Reading Content - 44 Hours Book Reading, Self-Study, Revision and Practice	Daily ~1 hour / Session With Printed Book / eBook on Smartphone

MKCL

MS-CIT is an Information Technology (IT) literacy course started by MKCL in the year 2001. It is the most popular IT Literacy course in Maharashtra.