

SHORT TERM COURSE ON



**4** Weeks



Begins Oct 2022

**INR 1500** 

#### Faculty of Dental Sciences, Kanpur

#### Department of Public Health Dentistry

Date: - 22/06/2021

#### **Minutes of Meeting**

#### **Board of Studies**

A meeting of the Board of studies, Department of Public Health Dentistry was held on 22<sup>nd</sup> June 2021 at 2.00 pm in the office of HOD, Department of Public Health Dentistry.

The following members were present:

1. Dr. Janardhan Amarnath B.J., Professor

Principal 🔊

2. Dr. Nidhi Pruthi Shukla, Professor

Convenor Adh

3. Dr. Jaspreet Singh Tuteja, Reader

Internal Member

4. Dr. Ashish Bhalla, Reader

Internal Member

The following members agreed to review the minutes:

1. Dr. Anuradha K.P, Professor; HOD - External Member

Department of Public Health Dentistry

AK

BBD College of Dental Sciences, Lucknow

Contact - 9793129555

2. Dr. Pradeep S. Tangade, Professor; HOD - External Member

p. Tofcle

Department of Public Health Dentistry

Teethankar Mahaveer Dental College & Research Centre, Moradabad

Contact - 9997466339

#### Agenda:

1. Action Taken Report (ATR) on minutes of previous meeting.

The BOS Committee confirmed the minutes of the previous BOS meeting held on 28<sup>th</sup> April 2020.

2. Review of the existing programs and their curricula:

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S.No.	ltem no.	Existing	Recommendation / Action taken
For B.	D.S. (subject: Public Health Den	tistry)	
1	Syllabus for Public Health Dentistry, 3 <sup>rd</sup> BDS and 4 <sup>th</sup> BDS as proposed by DCIs Revised BDS course Regulation 2007 for the session 2021-22 was discussed with the members.	Revised BDS Course Regulation 2007, No. V. 12012/3/2006-DE dated 25.7.2007 as proposed by DCI.	All syllabus is done based on Dental Council of India (DCI) BDS Course Regulation Gazette of India 2007. So, no amendments needed in this regard.
2.	Panel of examiners (Annexure attached)	-	Panel of external examiners for BDS IVth year examination submitted for approval.
For M.	D.S. (subject: Public Health Der		
3.	Syllabus for MDS course for the session 2021-2022 for the subject of Public Health Dentistry was discussed with the members, as proposed in the DCI MDS Gazette 2017.	Dental Council of India, Master of Dental Surgery Course Regulations, 2017, letter No.DE-87- 2017,dated 5 th November, 2017.	Department of Public Health Dentistry follows the course as per DCIs MDS Course regulations 2017. Hence, no amendment is needed in this regard.
4.	Panel of examiners (Annexure attached)		Panel of external examiners for MDS annual examination submitted for approval.

4. Recommendation on new courses / Short term training:

S.No.	ltem no.	Feedback from Faculty/ Students	Recommendation / Action taken
1.	Conduction of cared oriented short term course (30 hour duration)	course for enhancing knowledge and	conduction of a career oriented short term course on "Research Methodology and

5. Review of Teaching Process / Pedagogy

S.No. Item no.	Existing	Recommendation / Action taken
1. Enrichment in teaching pedagogy for better understanding	Audio-visual aids, projector, white board, black board, group discussions, healthy teaching environment.	In- depth one-to-one interactions with students, case-based problem solving must be encouraged.

- 6. Result Analysis Summary of Result analysis of the students performance in the term examination was presented and it was suggested that the course instructors should conduct remedial classes for the students whose performance was not found satisfactory.
- 7. Feedback analysis analysis was made based on already collected feedback from students and the department faculty has been instructed for improvement in teaching pedagogy for better understanding of students in cases where the feedback is below average.
- 8. Any other issue with the permission of the chair....  $N_0$

Ashrih

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Q. 8238

The meeting concluded with a vote of thanks to the chair. Date of the next meeting will be decided and notified later.

Dr. Nidhi Pruthi Shukla

(Chairperson)

Enclosures- BDS/ MDS DCI course regulations/ Scheme of evaluation

- Ordinance for short term course
- Panel of examiners
- Feedback analysis
- Result analysis

CC:

Dean, Academic Affairs Registrar Office

Mali

J

p. logd



### RAMA UNIVERSITY UTTAR PRADESH, KANPUR

(vide U.P. Act No.1 of 2014 as passed by State Legislature and recognized by UGC U/s 2(f))

Ref. No.: RU/Reg./2022/723B

Date: - 31.08.2022

#### Office Order

To,

Principal,

Rama Dental College Hospital &

Research Centre, Kanpur

Dear Sir.

With reference to your submitted proposal dated 24.08.2022, Vice Chancellor pleased to accord permission to conducting a short-term certificate course on "BIOSTATISTICS AND RESEARCH METHODOLOGY" by the Department of Public Health Dentistry subject to approval of Academic Council.

Copy to:-

- 1. Secretary to Hon'ble Chancellor.
- 2. Secretary to Hon'ble Vice-Chancellor.
- 3. Director Sir
- 4. Dean Academic Affairs
- 5. Principal, Faculty of Dental Sciences
- 6. Controller of Examinations
- 7. Deputy Registrar/Asst. Registrar
- 8. Guard File

(Registrar) Registrar Rama University Kanpur (U.P.)

#### **Note Sheet**

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t: Office of Academic

Academic

'ठामीयार १ वहीं ही वर्ष faculty of Dental Sciences (Rama Dental Cally) Hospital and Research Center) want to proposed the following come mented short term Courses

1- Public Health Eventury - Biostatistics and Research methodology

2- orthodonics and Dentofacial Orthopiclies - Mye--functional appliance therapy!

3 - Periodentelogy - Phagraphy would its applicable

17. Coal and Maxillefacial Pathology and Microbiology
Basic course in Histogratiology Technique

5-1 Consumation Dentistry and Endoclartics - Simplifyi

6- Padvatore and Pouvenbry Dontistry - Padiatric

7- God and Marillofound Surjey - Missor oral

3- Oral Medicine and Ledulogy - Dental Rodiclogy

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Dean-Academic Affairs Rama University Uttar Process. Kanner

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ma University
Uttar Pradesh,
Kanpur
Department:

Examination Ref No.....

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Certificate course on

#### **RESEARCH METHODOLOGY AND BIOSTATISTICS**

List of registered candidates-

S.No	NAME OF PARTICIPANTS
1	Dr Smriti Tripathi
2	Akanksha Singh
3	Neha Maurya
4	Anchal Chitranshi
<u>5</u>	Nidhi Patel
<u>6</u>	Neelam Rawat
7	Amisha Gupta
8	Rimi Ghoshal
9	Sarika Singh

HOD

Dept. of Public Health Dentistry
Professor & Head

Dept. of Public Health Dentistry
Raina Dental College & Hospital, Kanpur
Raina Dental College

# PAYMENT DETAILS OF SHORT TERM COURSE

S.No. DEPARTMENT	NAME OF STUDENT	FATHER'S NAME	ADDRESS	Email	PAID	TRANSACTION NUMBER	
Department of Public Health 1 Dentistry	protective reservation of the recommendation	Dr Smriti Tripathi Mr. Rajeev Tripathi	117 q block Sharda nagar kanpur	trsmri1234@gmail. com	Rs.1500	NEFT - MAHBH22290590232	RN/20-21/4298
Department of Public Health 2 Dentistry	Akanksha Singh	Mr. Ashok Kumar Singh	498 b Krishna nagar pvt colony , gorakhpur	kajalsingh240595@ gmail.com	Rs.1500	UPI transaction id:- RN 229207816529	RN /17-18/42878
Department of Public Health 3 Dentistry	Neha Maurya	Mr. Ravindra Nath Maurya	Village-noorpur ,post-neha.ma janupur ,dist-ballia (up) mail.com	uryabds@g	Rs.1500	UPI transaction id:	Riv(17-18/73185
Department of Public Health 4 Dentistry	ANCHAL	Mr. Sanjay Kumar Srivastava	3/104, Vibhav khand - 3, Gomti nagar, Lucknow	dr.anchalchitranshi @gmail.com	Rs.1500	UPI transaction id: RM   17-18   42879	17-18/42879
Department of Public Health 5 Dentistry		eren Rawat Mr. Naikani Rawat	Shuklaganj unnao U.P.	neelamrawat28695 @gmail.com	Rs.1500	UPI transaction id:- RN 229223832972	RN/17-18/42880
Department of Public Health 6 Dentistry	. Widhi Patel	Mr. Durga Shanker Choudhary	Hanumantpuram near tripula Raebareli, Uttar Pradesh	nidhipatel2906@g mail.com	Rs.1500	UPI transaction id:- RN 229342565203	RN/17-18/42881
Department of Public Health 7 Dentistry	Amisha Gupta	Mr. Anurag Gupta	628,matiyara road , allahapur, prayagraj	amishagupta21121 998@gmail.com	• Rs.1500	UPI transaction id:- RN 230108676742	RN /17-18/73184
Department of Public Health 8 Dentistry	ERIMI Ghoshal	Mr.Debashis Ghoshal	Sanket appartment barrackpore kolkata west bengal	Priomighoshal@gm ail.com	Rs.1500	UPI transaction id:- $R_N$ 230202143883	RN/17-18/42882

#### Certificate course on

#### BIOSTATISTICS AND RESEARCH METHODOLOGY

#### Conducted by:

# DEPARTMENT OF PUBLIC HEALTH DENTISTRY RAMA DENTAL COLLEGE, HOSPITAL & RESEARCH CENTRE

#### TIME TABLE:

FACULTY OF DENTAL SCIENCES, RAMA UNIVERSITY

Date	Time	Topic	Faculty
3/11/22	9:30-11:30 a.m.	Introduction to research: Introduction to research and scientific methods.	Dr. Nidhi Shukla
5/11/22	9:30-11:30 a.m.	Study designs – Descriptive strategies	Dr. Jaspreet Tuteja
7/11/22	9:30-11:30 a.m.	Study designs – Analytical strategies: case-control and cohort studies	Dr. Nidhi Shukla
9/11/22	9:30-11:30 a.m.	Study designs - Experimental strategies: clinical trials and intervention studies.	Dr. Jaspreet Tuteja
11/11/22	9:30-11:30 a.m.	Review of Literature	Dr. Nidhi Shukla
14/11/22	9:30-11:30 a.m.	Sampling Methods and sampling size	Dr. Jaspreet Tuteja
16/11/22	9:30-11:30 a.m.	Generating a Hypothesis	Dr. Nidhi Shukla
17/11/22	9:30-11:30 a.m.	Validity and Errors	Dr. Nidhi Shukla
18/11/22	9:30-11:30 a.m.	Bias and Confounding	Dr. Jaspreet Tuteja
21/11/22	9:30-11:30 a.m.	Hypothesis testing & Test of Significance	Dr. Nidhi Shukla
23/11/22	9:30-11:30 a.m.	Ethical aspects of health research	Dr. Nidhi Shukla
25/11/22	9:30-11:30 a.m.	Construction of a Research proposal	Dr. Jaspreet Tuteja
28/11/22	9:30-11:30 a.m.	Questionnaire Design	Dr. Jaspreet Tuteja
30/11/22	9:30 a.m-12:00 p.m.	Assignment/ assessment	Dr. Nidhi, Dr. Jaspreet
02/12/22	9:30 a.m12:00 p.m.	Assignment/ assessment	Dr. Nidhi, Dr. Jaspreet

Head of Department

Professor & Head Dept. of Public Health Dentistry Rama Dental College & Hospital, Kanpur

# RAMA DENTAL COLLEGE HOSPITAL AND RESEARCH CENTER DEPARTMENT OF PUBLIC HEALTH AND DENTISTRY SHORT TERM COURSE ATTENDANCE

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Professor & Head Dept. of Public Health Dentistry Rail Dental College & Hospital, Kanpur A.O.A.

# FACULTY OF DENTAL SCIENCES, RAMA UNIVERSITY, MANDHANA DEPARTMENT OF PUBLIC HEALTH DENTISTRY ASSESSMENT SHEET FOR SHORT TERM COURSE ASSESSMENT FORM

- 1. Case control study is a part of:
  - A. Descriptive epidemiology.
  - B. Analytical epidemiology.
  - C. Experimental epidemiology.
  - D. Serological epidemiology.
- 2. The data obtain directly from the individual s called as
  - A. Primary data
  - B. Secondary data
- C. Tertiary data
- D. Quaternary data
  - 3. Measures of central tendencies are:
- A. Median, range and mode.
- B. Mean, median, mode.
- C. Mean, mode and mean deviation.
- D. Mean, mode and standard deviation.
- 4. In the process of conducting research,"formulation of hypothesis" is followed by:
- A. Statement of objectives
- B. Analysis of data
- C. Selection of research tools

- 5. Which of the following is not a probability sampling plan?
  - A. Systematic sampling
  - B. Cluster sampling
  - C. Convenience sampling
  - D. Stratified sampling
- 6. Which of the following statement is true:
  - A. Sample is less expensive
  - B. Non sampling errors reduce with increase in sample size
  - C. Simple random sampling is more efficient than stratified sampling
  - D. All of the above
- 7. When designing a study to determine whether there is a direct association between a particular exposure and an outcome, one should anticipate that potential alternative explanations may exist. Which of the following is a way to deal with confounding?
- A. Post hoc blocking
- B. Randomization
- C. Screening
- D. Validation
- 8. All of the following are true of Odd's ratio except
- A. It is an estimate of relative risk
- B. It is the only measure of risk that can be obtained directly from a case-control study
- C. It is the ratio of incidence in exposed divided by incidence in non-exposed
- D. It can be calculated without data on rates.
- 9. Relationship between prevalence, incidence and duration of illness is:
- A. Prevalence = incidence x duration of illness.
- B. Incidence = prevalence x duration of illness.

- C. Duration of illness = prevalence x incidence.
- D. Incidence = duration of illness/prevalence.
- 10. Standard deviation is also known as:
- A. Standard error of proportion.
- B. Standard error of mean.
- C. Mean deviation.
- D. Root mean square deviation.

H.O.D.

Professor & Head
Dept. of Public Health Dentistry
Raina Dental College & Hospital, Kanpur

#### Answer Keys:

- 1. B
- 2. A
- 3. B
- 4. C
- 5. C
- 6. A
- 7. B
- 8. C
- 9. A
- 10. D

# RAMA DENTAL COLLEGE HOSPITAL & RESEARCH CENTRE DEPARTMENT OF PUBLIC HEALTH DENTISTRY SHORT TERM COURSE EVALUATION REPORT

.No	NAME OF PARTICIPANTS	GRADE
1	Dr Smriti Tripathi	* <u>A</u>
2	Akanksha Singh	<u>B</u>
3	Neha Maurya	A
4	Anchal Chitranshi	<u>C</u>
5	Nidhi Patel	A
6	Neelam Rawat	В
7	Amisha Gupta	' <u>B</u>
8	Rimi Ghoshal	A
9	Sarika Singh	<u>B</u>
9	Sarika Singh	

#### **GRADING CRITERIA:**

Grade A: Very Good

Grade B: Good

Grade C: Fair

H.O.D

**Department Of Public Health Dentistry** 

Professor & Head Dept. of Public Health Dentistry Rama Dental College & Hospital, Kanpur

Principal Rama Dental College Cospital and Research

Centre - Kanpur

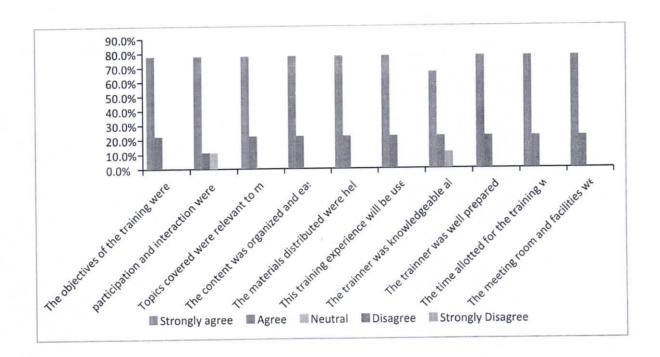
#### RAMA UNIVERSITY, UTTAR PRADESH, KANPUR

Faculty of Dental Sciences

Master in Dental Surgery

Public Health Dentistry

#### Programme Evaluation by students (2021-22)



Dept. of Public Health Dentistry
Ran a Dental College & Hear talk Kanpur

#### FACULTY OF DENTAL SCIENCES RAMA UNIVERSITY MANDHNA KANPUR

### DEPARTMENT OF PUBLIC HEALTH DENTISTRY REPORT ON SHORT TERM COURSE

#### "BIOSTATISTICS AND RESEARCH METHODOLOGY"

#### REPORT

The short term course programme on "Biostatistics and Research Methodology" was held in November 2022, organized by the Department of Public Health Dentistry. The programme was started in an offline Mode. A total of 9 participants were registered for the programme course, duration 30 hours (Theory – 25 hours & Practical – 5 hours), 2hrs/day. The objective of this program was to provide participants with a systemic approach to conducting research, in the expectation that they will carry out research projects objectively and without bias.

Learning objective of course: At the end of this course the participants will able to.

- understand and appreciate better the scientific method as it is applied to research essential for proper clinical practice, prevention and control of diseases and health care delivery;
- give a precise statement about a problem to be investigated and about the objectives of research into the problem;
- develop ethical research practices;
- frame pertinent hypotheses, which can then be tested by scientific methods to produce valid and useful results;
- construct a research proposal by selecting and applying the appropriate research design and methods;
- execute the research:
- properly interpret and effectively present the results

There were two course co-ordinators- Dr. Nidhi Pruthi Shukla, Professor & Head of Department of Public Health Dentistry, and Dr. Jaspreet Singh Tuteja, Reader conducted the course. Dr. Nidhi Shukla discussed about the introduction to research and scientific methods, study designs, analytical strategies- case control and cohort studies, review of literature, generating a hypothesis, validity and errors, hypothesis testing and tests of significance, ethical aspects of health research. Dr. Jaspreet Singh Tuteja discussed about study designs- descriptive strategies, experimental strategies, clinical trials and intervention studies, sampling methods and sampling size, bias and confounding, construction of a research proposal and questionnaire design.

Every health Professional requires the basic knowledge about the research methodology and how to conduct various types of research. More students/ professionals with knowledge of research and biostatistics will help raise confident and able researchers.

H.O.D

p.Dept. of Public Health Dentisyry

P Raine Dental College & Hospital, AND

To,

The Dean Academics,

Rama University,

Kanpur.

SUBJECT: Request for issuing certificates for short term course in the Department of Public Health Dentistry.

Respected sir,

With due regards, I would like to submit that a short-term certificate course on "RESEARCH METHODOLOGY AND BIOSTATISTICS" was conducted by the Department of Public Health Dentistry. The following table lists the completed report of the course for your kind perusal please.

COURSE TITLE :- Resear	rch Methodology & Biostatistics
Total No of Course conducted in 2022	1
Date of Starting and Completion	3/11/2022 - 02/12/2022
Total No. of Participants	9
Certificates Provided	No
Total Fees/ Student	Rs 1500 per student
Current Status of Short Term Course	Completed
Any Addition in the short term course after online discussion with Dean Academics	No
Course Coordinators	Dr. Nidhi Pruthi Shukla, Dr. Jaspreet Singh Tuteja

I, therefore, request you to kindly issue the certificates to the participants. List of participants has been attached in the file.

Yours truly

Dr. Nidhi Pruthi Shukla

Professor & Head Head of Department Dept. of Public Health Dentistry Rame Dental College & Hospital, Kanpur

Public Health Dentistry

Rama Dental College, Hospital &

Research Centre, Kanpur.

forwarded reenthal mental authority

Principal Rama Dental College Hospital and Research Centre - Kanpur

## RAMA DENTAL COLLEGE, HOSPITAL & RESEARCH CENTRE, FACULTY OF DENTAL SCIENCES, RAMA UNIVERSITY.

#### DEPARTMENT OF PUBLIC HEALTH DENTISTRY

#### **Short Term Course Report**

COURSE TITLE :- Biostat	tistics & Research Methodology
Total No of Course conducted in 2022	1
Date of Starting and Completion	3/11/2022 - 02/12/2022
Total No. of Participants	9
Certificates Provided	No
Total Fees/ Student	Rs 1500 per student
Current Status of Short Term Course	Completed
Any Addition in the short term course after online discussion with Dean Academics	No
Course Coordinators	Dr. Nidhi Pruthi Shukla, Dr. Jaspreet Singh Tuteja

Department of Public Health Dentistry

Professor & Heati
Dept. of Public Health Dentistry
Rama Dental College & Hospital, Kanpur S

Principal
Rama Dental College
Hospital and Research
Centre - Kanpur

#### Certificate course on

#### RESEARCH METHODOLOGY AND BIOSTATISTICS

#### Conducted by:

#### DEPARTMENT OF PUBLIC HEALTH DENTISTRY RAMA DENTAL COLLEGE, HOSPITAL & RESEARCH CENTRE FACULTY OF DENTAL SCIENCES, RAMA UNIVERSITY

#### GENERAL COURSE INFORMATION

Course Title: RESEARCH METHODOLOGY AND BIOSTATISTICS

Duration of the Course: -30 HOURS

Year: 2022-23

Registration End - 25th October 2022

Course Fee - INR 1500

Course Commencement – 3<sup>rd</sup> November 2022

#### **REGISTRATION LINK:**

https://forms.gle/FGXTsptZRVvSqoQe6

#### ACCOUNT DETAILS:

Account holder: Rama Dental College, Hospital and Research Centre

Account no. 87141010000010

Bank Address: RDC Branch, Lakhanpur, Kanpur

IFSC: CNRB0018714

#### COURSE DIRECTORS/ Coordinators

1. Dr. Nidhi Shukla

Head of Department

Department of Public Health Dentistry

Mob: 9005817689, Email: drnidhipruthishukla.rdc@ramauniversity.ac.in

Dr. Jaspreet Singh Tuteja
 Reader
 Department of Public Health Dentistry

#### **Guest Faculty-**

#### Dr. Devina Pradhan

BDS, MPH (University of Northampton, UK)
MDS- Public Health Dentistry
Senior Lecturer
Daswani Dental College & Research Centre, Kota.
{Ex- Medical Safety Review Physician at Clinfomatrix, LLC, USA}

#### Other Faculty

- Dr. Rohma Yusuf
   Senior Lecturer
   Department of Public Health Dentistry
- Dr. Surbhit Singh
   Senior Lecturer
   Department of Public Health Dentistry

#### **ABOUT THIS COURSE**

Research demands a great deal of personal motivation, a wide range of knowledge and skills as well as creative ability, which can be adequately acquired by active learning during short courses. This course addresses appropriate research designs for answering research questions of importance in dentistry. An array of biostatistical methods that are commonly used are also covered. The course comprises a combination of lectures on fundamental research and statistical information, as well as practical demonstrations, examples and group discussions. This course provides the starting point for the student to confidently take up any research project during his/her U.G/P.G. degree.

Usually, a topic is introduced by a lecture dealing with concepts and principles, followed by a practical workshop session and/or a presentation by the participants.

#### Pre-requisites/Eligibility

BDS and MDS Students

#### Course Purpose Statement/Expected outcomes

The major objective of this course is to provide participants with a systematic approach to conducting research, in the expectation that they will carry out research projects objectively and without bias.

After the course, the participants should therefore be able to:

- understand and appreciate better the scientific method as it is applied to research essential for proper clinical practice, prevention and control of diseases and health care delivery;
- give a precise statement about a problem to be investigated and about the objectives of research into the problem;
- develop ethical research practices;
- frame pertinent hypotheses, which can then be tested by scientific methods to produce valid and useful results;
- construct a research proposal by selecting and applying the appropriate research design and methods;
- execute the research;
- properly interpret and effectively present the results

Courseware: Course material is provided in printed / electronic form.

Mode of Teaching: Classroom Training

#### COURSE SCHEDULE

- 1. Introduction to research: Introduction to research and scientific methods
- 2. Research process, displaying Continuous Data & Nominal Data
- 3. Study Designs in medical research
- 4. Selection of appropriate study design and research strategies descriptive strategies
- 5. Analytical strategies: cohort studies and case-control studies
- 6. Experimental strategies: clinical trials and intervention studies.
- 7. Sampling Methods and sampling size
- 8. Recognizing Sources of Bias in the Literature
- 9. Hypothesis testing & Test of Significance
- 10. Non- Parametric Test

- 11. Association and causation
- 12. Ethical aspects of health research
- 13. Construction of a Research proposal
- 14. Questionnaire Design
- 15. Reading and Assessing the Literature

#### ASSIGNMENTS, EXAMS, AND GRADING

Participants may be divided into small groups to work on practicums and exercises. Most crucially, participants should, individually or in small groups, work on developing a research proposal in an area relevant to their interests. Preceptors and resource persons shall be assigned to different groups.

One or two articles should be selected from papers suggested for cross-sectional, cohort and case-control studies. Students will then read the assigned article carefully and then answer a given set of framed questions to critically evaluate those articles.

#### **Grading Scale and Criteria**

Points	Letter Grade
Adequate performance	A
Marginal performance	В
other	С

H.O.D.

Professor'& Head

Dept. of Public Health Dentistry
Rama Dental College & Hospital, Kanp

Department of Public Health 9 Dentistry







This is to certify that

Dr. / Mr. / Mrs.

has

successfully completed Short Term Course on "Research Methodology & Biostatistics" from 3rd Nov to 2nd Dec 2022, organized by Dept. of Public Health Dentistry. Faculty of Dental Sciences, Rama University Mandhana, Kanpur.

Dr. Anu Kushwah (Director)

Dr. Baljeet Singh Hora (Principal) Dr. Nidhi Shukla (Head of Department)