

PHD-2023



SHORT TERM COURSE ON
**RESEARCH
 METHODOLOGY
 AND BIostatISTICS**

10 Days

Begins July 2023

INR 1500

Faculty of Dental Sciences, Kanpur
Department of Public Health Dentistry

Date: - 12/09/2022

Minutes of Meeting

Board of Studies

A meeting of the Board of studies, Department of Public Health Dentistry was held on 12th September 2022 at 2.00 pm in the office of HOD, Department of Public Health Dentistry.

The following members were present:

- | | | |
|--------------------------------------|-----------------|---------------|
| 1. Dr. Baljeet Singh Hora, Professor | Principal | <i>Beemoo</i> |
| Dr. Nidhi Pruthi Shukla, Professor | Convenor | <i>Nidhi</i> |
| 3. Dr. Jaspreet Singh Tuteja, Reader | Internal Member | <i>J</i> |
| 4. Dr. Ashish Bhalla, Reader | Internal Member | <i>Ashish</i> |

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. Tangade*

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 22nd June 2021.

2. Review of the existing programs and their curricula:

Beemoo *J* *Nidhi* *Ashish* *AK* *P. Tangade* 15

S.No.	Item no.	Existing	Recommendation / Action taken
For B.D.S. (subject: Public Health Dentistry)			
1.	Syllabus for Public Health Dentistry, 3 rd BDS and 4 th BDS as proposed by DCIs Revised BDS course Regulation 2007 for the session 2022-23 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 Dentistry)			
3.	Syllabus for MDS course for the session 2022-2023 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.	Item no.	Feedback from Faculty/ Students	Recommendation / Action taken
1.	Conduction of career oriented short term course (30 hours duration)	Short term certificate course for enhancing knowledge and developing practical skills is recommended.	The Department has proposed the conduction of a career oriented short term course on "Research Methodology and Biostatistics". The proposal will be submitted to the university for approval.

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...** No

[Signature]

[Signature]

[Signature]

[Signature]

[Signature]

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:

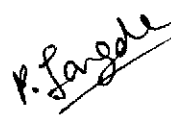
Dean, Academic Affairs
Registrar Office



J

Ashish

AK



To,
The Dean Academics,
Rama University,
Kanpur.

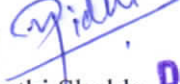
SUBJECT: Request for issuing certificates for short term course in the Department of Public Health Dentistry.

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 :- Research Methodology & Biostatistics	
Total No. of Course conducted in 2023	1
Date of Starting and Completion	25//07/2023 – 05/08/2023
Total No. of Participants	14
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. Vaibhav Bansal

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
Head of Department
Public Health Dentistry
Rama Dental College, Hospital &
Research Centre, Kanpur.

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


Principal
Rama Dental College
Hospital and Research
Centre - Kanpur

RAMA UNIVERSITY UTTAR PRADESH, KANPUR

Under the Provisions of Section 12 of 2014 incorporated by State Legislatures and recognized by UGC, India

Ref. No. RI/Reg. 2023/404

Date: 06.07.2023

Office Order

The Principal,
Rama Dental College Hospital &
Research Centre, Kanpur

Dear Sir,

With reference to your submitted proposal Ref. No - RUC/Reg. 2023/124 dated 20.04.2023, Vice-Chancellor pleased to accord permission to conduct a short-term certificate course on the following topics by the Department as follows subject to approval of the Academic Council.

Sl No	Short Term Course	Department
1	Dental Cone Beam CT and its Radiological Interpretation	Oral Medicine and Radiology
2	Implants	Oral and Maxillofacial Surgery
3	Orthodontic Appliance	Orthodontics & Craniofacial Orthopedics
4	Laser Applications in Periodontics	Periodontology
5	Anterior Aesthetics	Conservative Dentistry and Endodontics
6	Direct Composite Veneering and Aesthetic Management of Pulp Class II Fracture of Anterior Teeth	Pediatric and Preventive Dentistry
7	Techniques of Tooth Preparation in Fixed Partial Denture	Public Health Dentistry
8	Basic Course in Chelation	Prosthodontics and Crown & Bridge
9		Oral Pathology and Microbiology

Copy to:

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


Rama University
Kanpur

Department of Public Health Dentistry

Certificate course on

RESEARCH METHODOLOGY AND BIOSTATISTICS

List of registered candidates-

<u>S.No</u>	<u>NAME OF PARTICIPANTS</u>
1	Dr. Raman Jayant
2	Dr. Saumya Nandan
3	Dr. Bijoy Bikram Das
4	Aditi Awasthi
5	Akanksha Priya
6	Akanksha Gupta
7	Anam
8	Aradhya Srivastava
9	Nagma Shaheen
10	Siddhant Verma
11	Farhat Rana
12	Deepak Yadav
13	Shriya Shrivastav
14	Ekta Gupta


HOD

Department of Public Health Dentistry

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

Payment Details of Short Term Course

Department	Full Name	Email Address	Amount Paid	Year
Department of Public Health Dentistry	Bijoy Bikram Das	bijoybikramdas@gmail.com	1500	PG 1st year ✓
Department of Public Health Dentistry	Akanksha Priya	drakanksha64@gmail.com	1500	Intern ✓
Department of Public Health Dentistry	Aradhya Anushka	anusivsri242@gmail.com	1500	Intern ✓
Department of Public Health Dentistry	Dr. Saumya Nandan	saumya05nandan@gmail.com	1500	PG 3rd year ✓
Department of Public Health Dentistry	Dr. Raman Jayant	ramanjayant06@gmail.com	1500	PG 3rd year ✓
Department of Public Health Dentistry	Aditi Awasthi	adiiitiawasthi@gmail.com	1500	Intern ✓
Department of Public Health Dentistry	Akansha Gupta	guptaakansha91@gmail.com	1500	Intern ✓
Department of Public Health Dentistry	Siddhant Verma	siddhant178@gmail.com	1500	Intern ✓
Department of Public Health Dentistry	Farhat Rana	farhatrana355@gmail.com	1500	Intern ✓
Department of Public Health Dentistry	Anam	aanam6370@gmail.com	1500	Intern ✓


Department of Public Health Dentistry	Shriya shrivastava	shrivastavashriya56@gmail.com	1500	<u>Intern</u>
Department of Public Health Dentistry	Deepak yadav	deepakyadav881831@gmail.com	1500	<u>Intern</u>
Department of Public Health Dentistry	EKTA GUPTA	ektagupta60@gmail.com	1500	<u>Intern</u>
Department of Public Health Dentistry	Nagma Shaheen	nagmashaheen66@gmail.com	1500	<u>Intern</u>

~~1500~~ X 14 = 21000/-

~~1500~~
 P. D. Singh
 Professor & Head
 Dept. of Public Health Dentistry
 Rama Dental College & Hospital, Kanpur

1500 X 14 = 21000/-

Received


 03/10/2023

Principal
 Rama Dental College
 Hospital and Research
 Centre - Kanpur

Rama Dental College Hospital & Research Centre

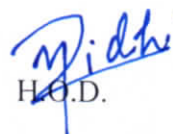
Department of Public Health Dentistry

Certificate course on

RESEARCH METHODOLOGY AND BIOSTATISTICS

TIME TABLE

Date	Time	Topic	Faculty
25/07/2023	9:30 am – 12:30 pm	Introduction to research: categories of research, research process and Study Design	Dr. Vaibhav Bansal
26/07/2023	9:30 am – 12:30 pm	Selection of appropriate study design and research strategies	Dr. Nidhi Shukla
27/07/2023	9:30 am – 12:30 pm	Analytical strategies: cohort studies and case-control studies	Dr. Vaibhav Bansal
28/07/2023	9:30 am – 12:30 pm	Experimental strategies: clinical trials and intervention studies	Dr. Nidhi Shukla
29/07/2023	9:30 am – 12:30 pm	Biostatistical considerations in research: measurement of study variables	Dr. Nidhi Shukla
01/08/2023	9:30 am – 12:30 pm	Hypothesis testing, Tests of significance	Dr. Nidhi Shukla
02/08/2023	9:30 am – 12:30 pm	Sampling methods and sample size	Dr. Vaibhav Bansal
03/08/2023	9:30 am – 12:30 pm	Ethical aspects of health research	Dr. Nidhi Shukla
04/08/2023	9:30 am – 12:30 pm	Questionnaire Design	Dr. Vaibhav Bansal
05/08/2023	9:30 am – 12:30 pm	Construction of a Research Proposal	Dr. Nidhi Shukla


H.O.D.

Department of Public Health Dentistry

Department of Public Health Dentistry

Certificate course on

RESEARCH METHODOLOGY AND BIOSTATISTICS

ATTENDANCE SHEET

S.no.	Name of participants	Day 1	Day 2	Day 3	Day 4	Day 5	Day 6	Day 7	Day 8	Day 9	Day 10
1	Dr. Raman Jayant	Ramu	Ramu	Ramu	Ramu	Ramu	Ramu	Ramu	Ramu	Ramu	Ramu
2	Dr. Saumya Nandan	Saumya	Saumya	Saumya	Saumya	Saumya	Saumya	Saumya	Saumya	Saumya	Saumya
3	Dr. Bijoy Bikram Das	B Das	B Das	B Das	B Das	B Das	B Das	B Das	B Das	B Das	B Das
4	Aaditi Awasthi	Aaditi	Aaditi	Aaditi	Aaditi	Aaditi	Aaditi	Aaditi	Aaditi	Aaditi	Aaditi
5	Akanksha Priya	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha
6	Akanksha Gupta	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha	Akanksha
7	Anam Anushka	Anam	Anam	Anam	Anam	Anam	Anam	Anam	Anam	Anam	Anam
8	Aradhya Shrivastava	Aradhya	Aradhya	Aradhya	Aradhya	Aradhya	Aradhya	Aradhya	Aradhya	Aradhya	Aradhya
9	Nagma Shaheen	Nagma	Nagma	Nagma	Nagma	Nagma	Nagma	Nagma	Nagma	Nagma	Nagma
10	Siddhant Verma	Siddhant	Siddhant	Siddhant	Siddhant	Siddhant	Siddhant	Siddhant	Siddhant	Siddhant	Siddhant
11	Farhat Rana	Farhat	Farhat	Farhat	Farhat	Farhat	Farhat	Farhat	Farhat	Farhat	Farhat
12	Deepak Yadav	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak	Deepak
13	Shriya Shrivastav	Shriya	Shriya	Shriya	Shriya	Shriya	Shriya	Shriya	Shriya	Shriya	Shriya
14	Ekta Gupta	Ekta	Ekta	Ekta	Ekta	Ekta	Ekta	Ekta	Ekta	Ekta	Ekta

[Signature]
Head of Department

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

Rama Dental College Hospital & Research Centre

Departement of Public Health Dentistry

Short term Course on Research Methodology and Biostatistics

ASSESSMENT FORM

1. The occurrence of some particular event in a population during a given time period is known as:
 - (a) Rate
 - (b) Ratio
 - (c) Proportion
 - (d) Incidence

2. Incidence rate is defined as the:
 - (a) Number of new cases in a given time period
 - (b) Number of old cases in a given time period
 - (c) Number of current cases in a given time period
 - (d) Number of cases unregistered at a given time period

3. Cohort studies are also called:
 - (a) Retrospective studies
 - (b) Cross sectional studies
 - (c) Longitudinal studies
 - (d) Backward looking studies

4. Identify the type of blinding when neither the doctor nor the participant is aware of the group allocation or treatment received:
 - (a) Single blind
 - (b) Double blind
 - (c) Triple blind
 - (d) Quadruple blind

5. The process by which controls are selected to ensure comparability between cases and controls is:

- (a) Confounding
- (b) Bias
- (c) Matching
- (d) Blinding

6. A group of people who share a common characteristic in a defined time period are called:

- (a) Strata
- (b) Cluster
- (c) Cohort
- (d) Cases

7. Which study formulates an hypothesis?

- (a) Descriptive
- (b) Cohort
- (c) Case control
- (d) Randomized control trial

8. Which step is considered to be the heart of randomized Control Trial

- (a) Protocol
- (b) Manipulation
- (c) Randomization
- (d) Follow up

9. A trial which determines the feasibility and practicality of a study and can be used to calculate sample size is called as:

- (a) Longitudinal study
- (b) Case control study
- (c) Cohort study
- (d) Pilot study

10. Already recorded data being utilized for the study purpose is called:

- (a) Primary data
- (b) Secondary data
- (c) Clinical data
- (d) Theoretical data

11. Which of these is not a measure of central Tendency?

- (a) Mean
- (b) Median
- (c) Mode
- (d) Mean deviation

12. The other name for a normal distribution is:

- (a) Guassian distribution
- (b) Student distribution
- (c) Skewed distribution
- (d) Kurtosis

13. The area between two standard deviations on either side of the mean in normal curve covers, approximately:

- (a) 68 percent of the values
- (b) 95 percent of the values
- (c) 99.7 percent of the values
- (d) 100 percent of the values

14. The test of significance used to test the significance of difference between two proportions is:

- (a) Chi-square test
- (b) Correlation
- (c) Regression
- (d) Null hypothesis

15. Unpaired t-test is also called as:

- (a) Pupil test
- (b) Student test
- (c) Teacher test
- (d) Assistant test

16. The test applied to compare more than two means, to determine the probability that the difference is not due to chance alone is:

- (a) Student t-test
- (b) Paired t-test
- (c) Z-test
- (d) ANOVA

17. Which of the following is not a measure of validity

- (a) Face Validity
- (b) Content Validity
- (c) Conductive Validity
- (d) Convergent Validity

18. Which study design is to be followed to check the efficacy of a new tooth paste?

- (a) Descriptive
- (b) Cohort
- (c) Case control
- (d) Experimental

19. Which of the following data is qualitative?

- (a) Age
- (b) Weight
- (c) DMF score
- (d) Gender

20. The term reproducibility is synonymous with:

- (a) Clarity
- (b) Validity
- (c) Reliability
- (d) Quantifiability

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

**SHORT TERM COURSE - "BIostatISTICS AND
RESEARCH METHODOLOGY" 2023
EVALUATION REPORT**

<u>S.No</u>	<u>NAME OF PARTICIPANTS</u>	<u>GRADE</u>
1.	Dr. Bijoy Bikram Das	A
2.	Akanksha Priya	A
3.	Aradhya Anushka	A
4.	Dr. Saumya Nandan	B
5.	Dr. Raman Jayant	A
6.	Aditi Awasthi	A
7.	Akansha Gupta	A
8.	Siddhant Verma	B
9.	Farhat Rana	A
10.	Anam	A
11.	Shriya shrivastava	A
12.	Deepak yadav	B
13.	Ekta Gupta	B
14.	Nagma Shaheen	A

GRADING CRITERIA:

Grade A: Very Good

Grade B: Good

Grade C: Fair

Bhuvan
Principal
Rama Dental College
Hospital and Research

Yidhi
H.O.D
Department Of Public Health Dentistry
Professor & Head
Dept. of Public Health Dentistry
Rama Dental College & Hospital, Kanpur

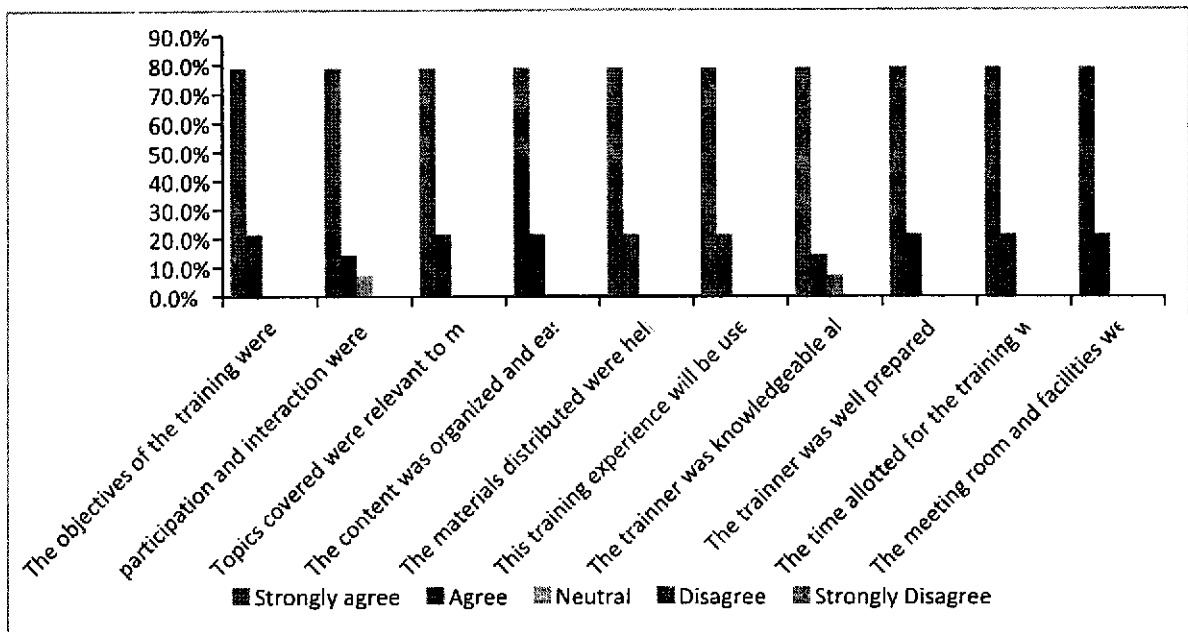
RAMA UNIVERSITY, UTTAR PRADESH, KANPUR

Faculty of Dental Sciences

Master in Dental Surgery

Public Health Dentistry

Programme Evaluation by students (2022-23)



Yadav

**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 July-August 2023, organized by the Department of Public Health Dentistry. The programme was started in an offline Mode. A total of 14 participants were registered for the programme course, duration 30 hours (Theory – 25 hours & Practical – 5 hours), 3 hours/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 coordinators- Dr. Nidhi Pruthi Shukla, Professor & Head of Department of Public Health Dentistry, and Dr. Vaibhav Bansal, 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. Vaibhav Bansal 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.

Department of Public Health Dentistry

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


RAMA DENTAL COLLEGE, HOSPITAL & RESEARCH CENTRE,


FACULTY OF DENTAL SCIENCES, RAMA UNIVERSITY.

DEPARTMENT OF PUBLIC HEALTH DENTISTRY

Short Term Course Report

COURSE TITLE :- Biostatistics & Research Methodology	
Total No of Course conducted in 2023	1
Date of Starting and Completion	25/07/2023 – 05/08/2023
Total No. of Participants	14
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. Vaibhav Bansal


Principal
Rama Dental College
Hospital and Research


HOD
Department of Public Health Dentistry
Professor & Head
Dept. of Public Health Dentistry
Rama Dental College & Hospital, Kangra

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

ORDINANCE FOR

SHORT-TERM CERTIFICATE COURSE

Course Title: RESEARCH METHODOLOGY AND BIOSTATISTICS

Duration of the Course: - 10 days

Year: 2023

Course Fee – Rs.1500

Course Commencement – July 2023

Registration link- <https://forms.gle/qcdkwCMbgPzE6eQLA>

COURSE DIRECTORS/ Coordinators

1. Dr. Nidhi Shukla

Head of Department

Department of Public Health Dentistry

2. Dr. Vaibhav Bansal

Reader

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. Arrays 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, faculty, PhD scholars, researchers

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

COURSE SCHEDULE

- Day 1 - Introduction to research: categories of research, research process and study designs
- Day 2 - Selection of appropriate study design and research strategies – descriptive strategies
- Day 3 - Analytical strategies: cohort studies and case-control studies
- Day 4 – Experimental strategies: clinical trials and intervention studies.
- Day 5 – Biostatistical considerations in research: measurement of study variables
- Day 6 – Hypothesis testing, Tests of Significance
- Day 7 - Sampling methods and sample size
- Day 8 - Ethical aspects of health research
- Day 9 – Questionnaire Design
- Day 10- Construction of a Research proposal

ASSIGNMENTS, EXAMS, AND GRADING

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.

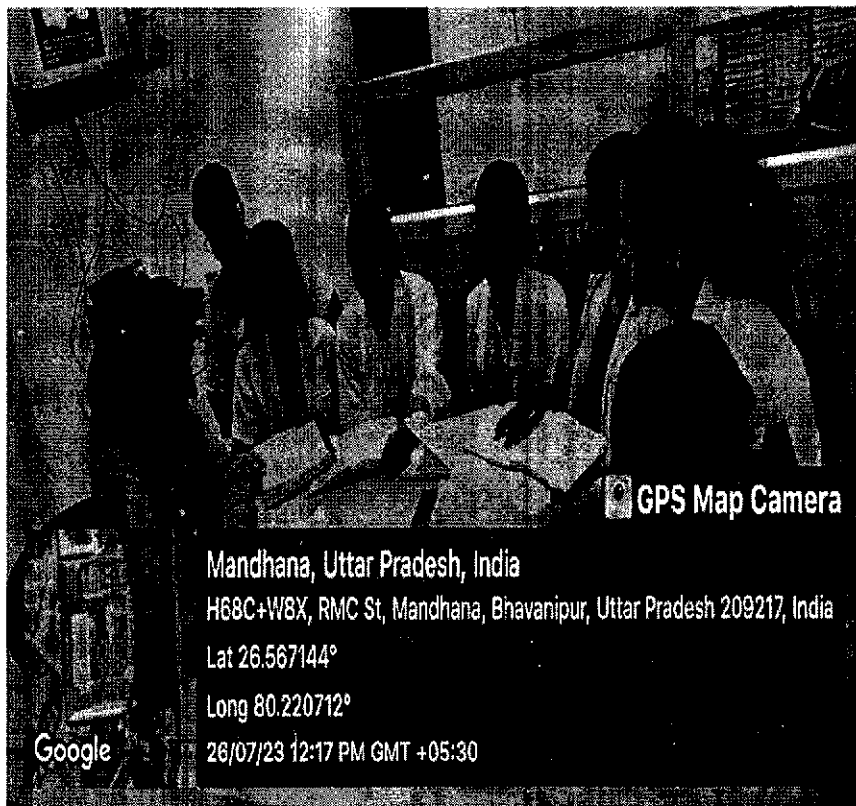
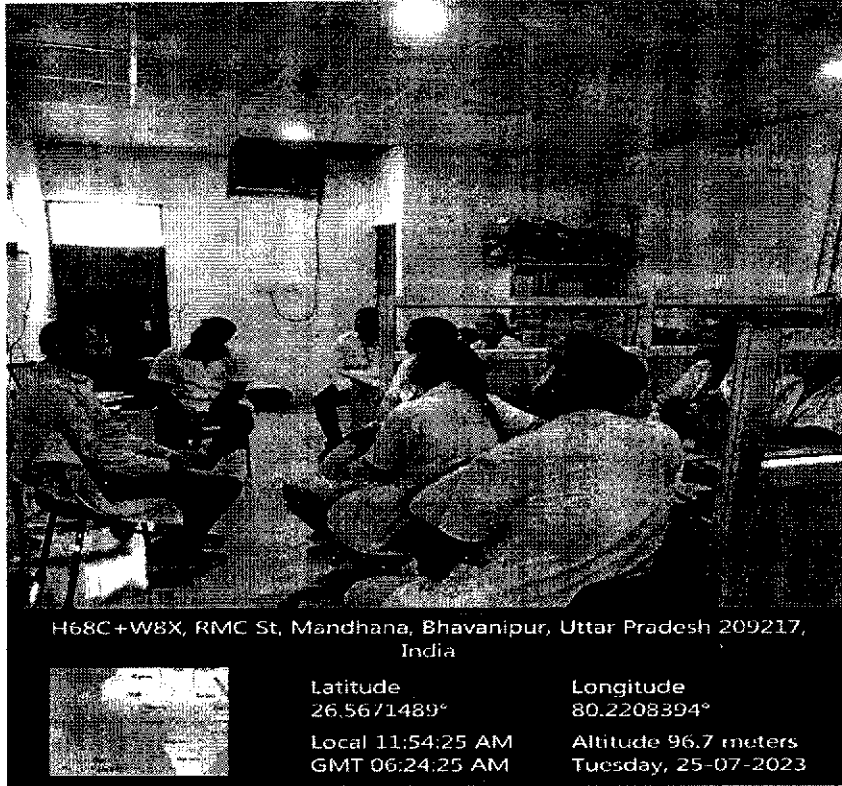
Grading Scale and Criteria

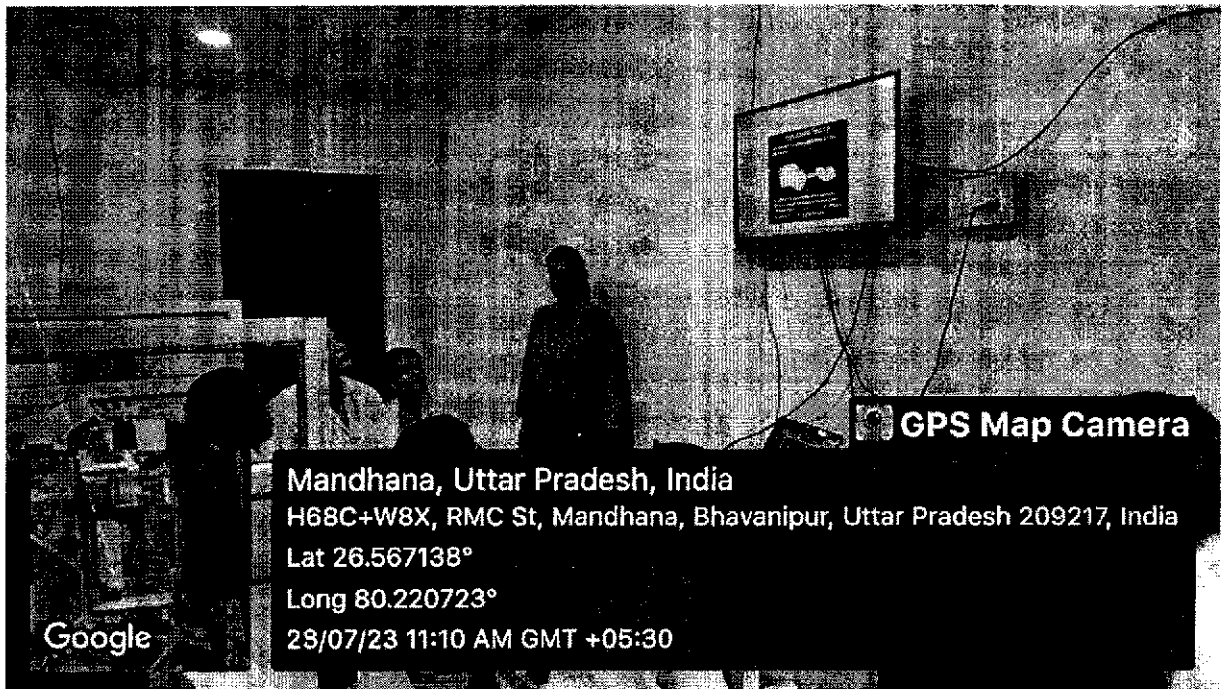
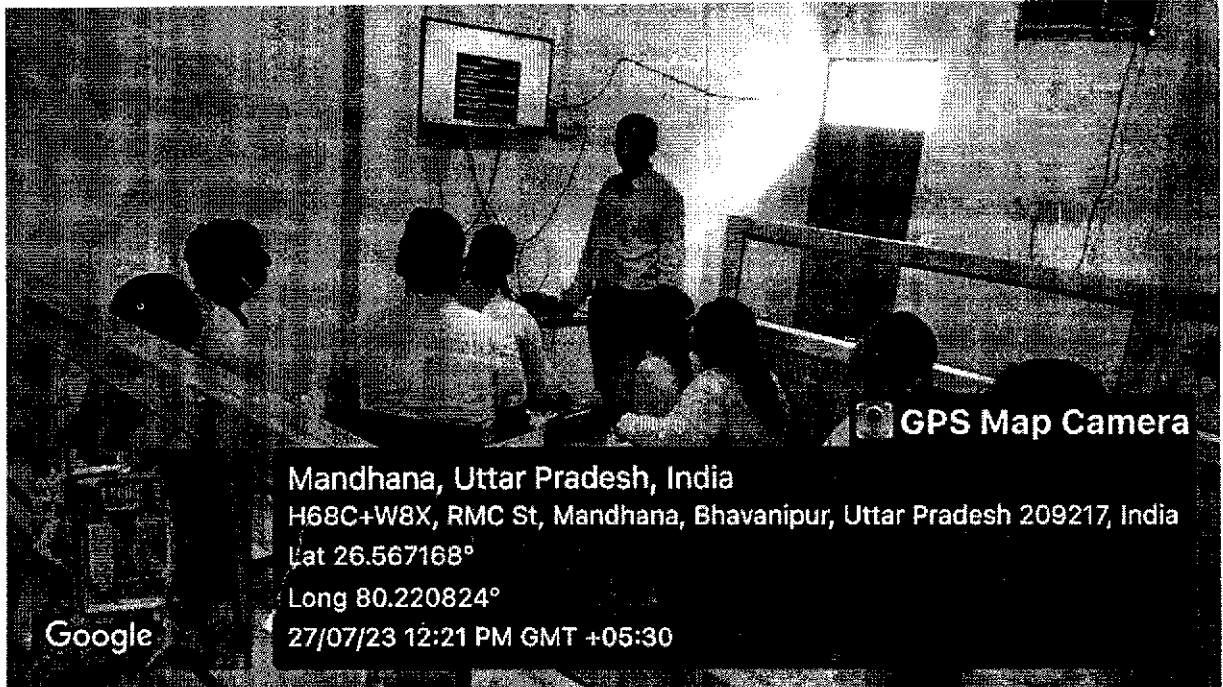
Points	Letter Grade
Good	A
Fair	B
Poor	C


Dr. Nidhi Shukla
H.O.D.

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

PHOTOGRAPHS







H68C+W8X, RMC St, Mandhana, Bhavanipur, Uttar Pradesh 209217,
India



Latitude
26.5671169°

Longitude
80.2208404°

Local 11:37:09 AM
GMT 06:07:09 AM

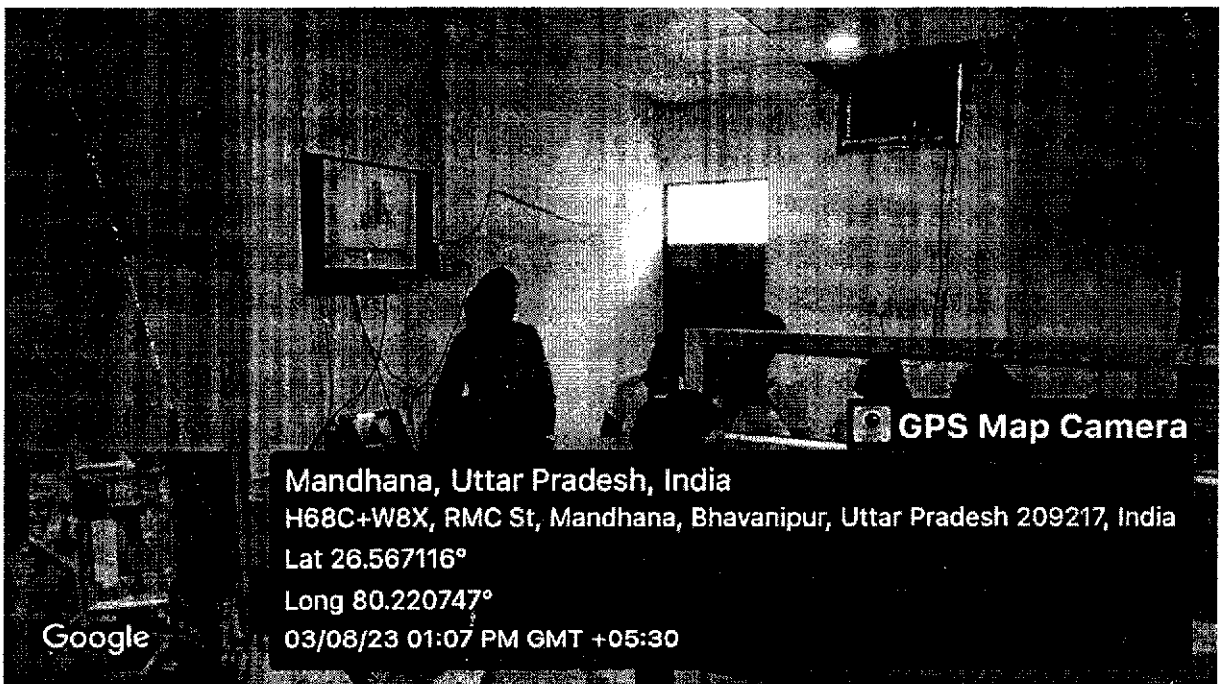
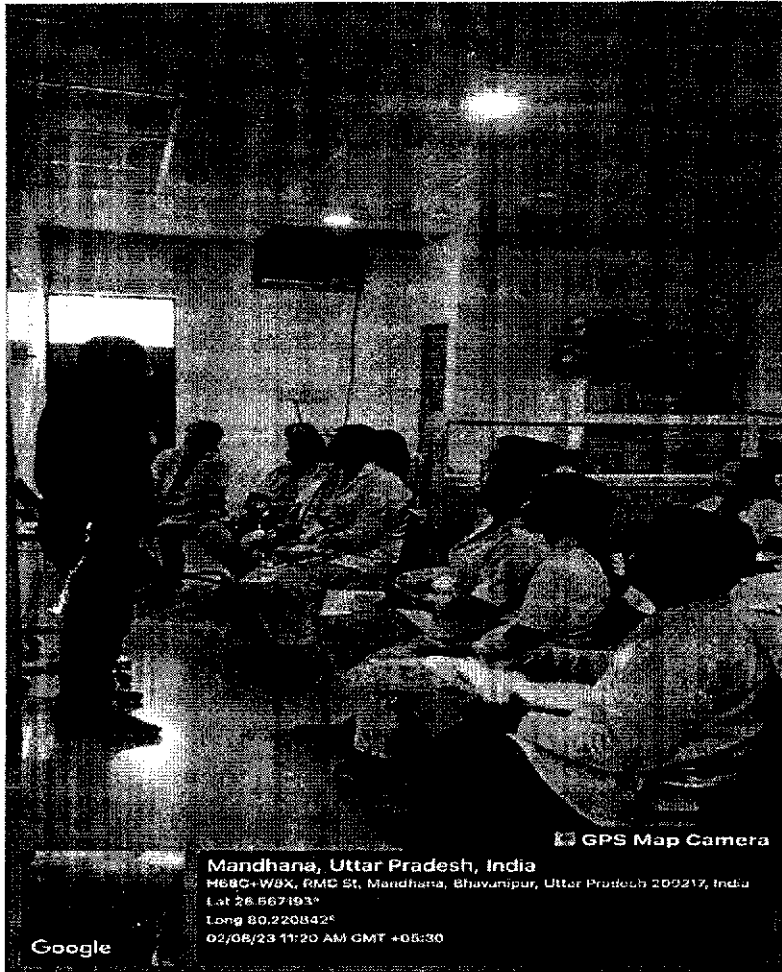
Altitude 96.5 meters
Tuesday, 29-07-2023

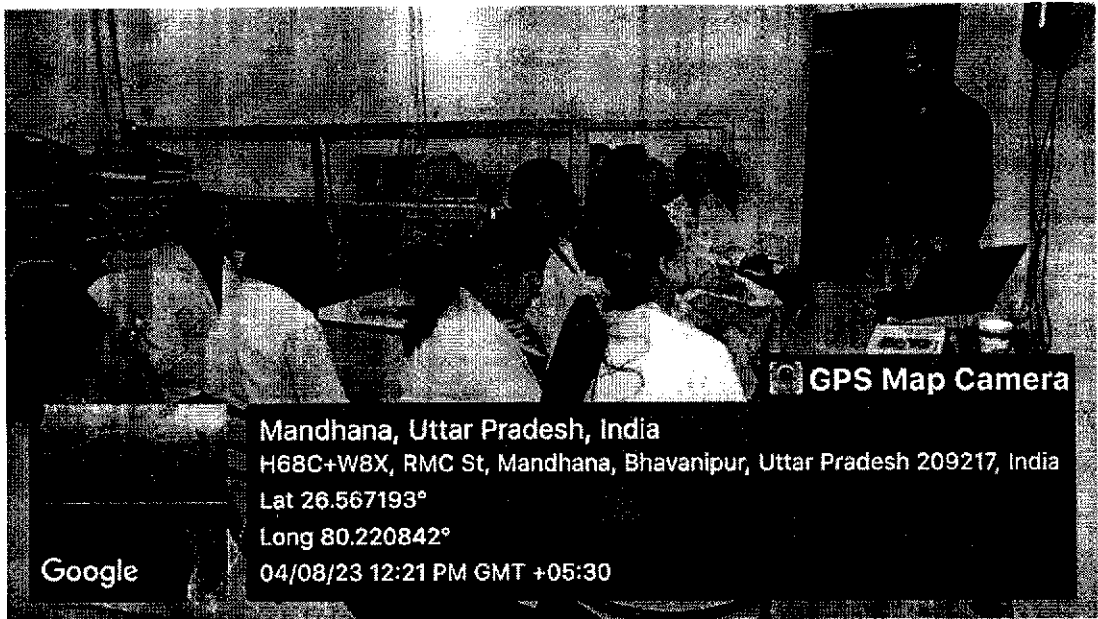


GPS Map Camera

Mandhana, Uttar Pradesh, India
H68C+W8X, RMC St, Mandhana, Bhavanipur, Uttar Pradesh 209217, India
Lat 26.567193°
Long 80.220842°
01/08/23 01:12 PM GMT +05:30

Google





SHORT TERM COURSE ON
**RESEARCH
METHODOLOGY
AND BIOSTATISTICS**




**RAMA
UNIVERSITY**

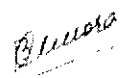
CERTIFICATE OF APPRECIATION

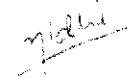
This is to certify that

Akansha Gupta

Dr. / Mr. / Mrs. _____ has
successfully completed Short Term Course on "Research Methodology & Biostatistics" from
25th July to 05th August 2023, 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)