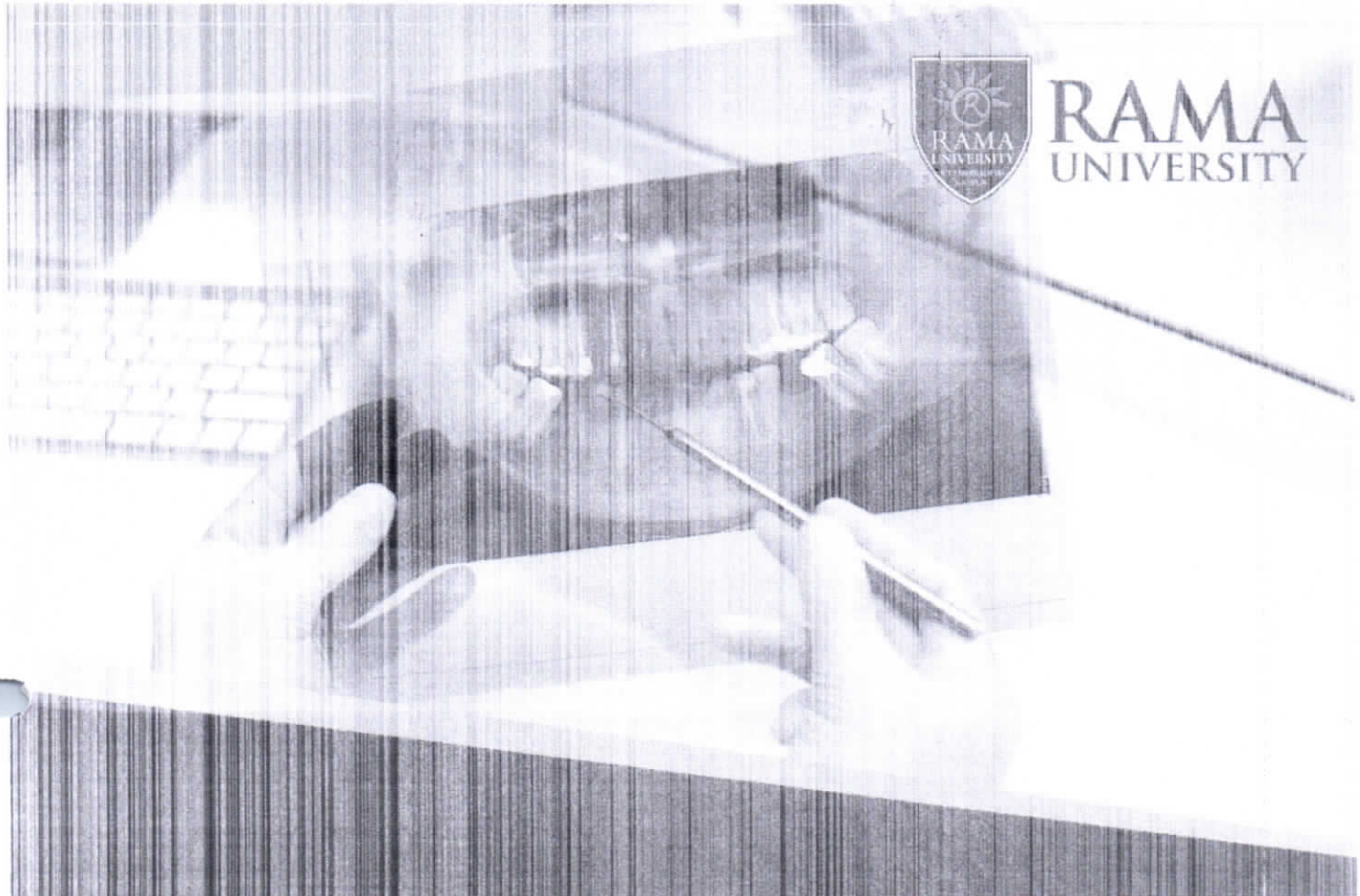




RAMA
UNIVERSITY



SHORT TERM COURSE ON
**DENTAL
RADIOLOGY**



7 DAYS



Begins Oct 2022



INR 2000

V. 11/24
PROFESSOR & H.O.D.
DEPT. OF ORAL MEDICINE & RADIOLOGY
RDCHRC, LAKHANPUR
KANPUR - 208024



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))

Rama City, G.T. Road (Near Mandhana Railway Station)

Mandhana, Kanpur- 209217

REF:

Date:10.02.21

Rama Dental College, Hospital & Research Centre

Kanpur

Department of Oral Medicine and Radiology

Minutes of Meeting

Board of Studies

A meeting of Board of Studies was held on 10.02.21 at 10.30am in the office of HOD, Department of Oral Medicine and Radiology for Undergraduate and Postgraduates. The following members were present:

1. Dr Vishal Mehrotra, Professor & HOD; Chairman & Convener *Vishal*
2. Dr Rahul Srivastava, Professor, Department of Oral Medicine and Radiology-Internal Member *Rahul*
3. Dr Kriti Garg, Reader, Department of Oral Medicine and Radiology-Internal Member *Kriti*
4. Dr Sachin Kushwah, Reader, Department of Oral Medicine and Radiology-Internal Member *Sachin*

The following members agreed to review the minutes:

1. Dr. Neeta Misra, Professor & HOD, Department of Oral Medicine and Radiology, BBD, Lucknow-External Member Mobile No. 8004006622 *Neeta*
2. Dr Rajeev Sharma Professor Jaipur Dental College, Jaipur. Mobile No. 9785400566 *Rajeev*

Agenda:

1. Action Taken Report(ATR)on minutes of Previous meeting
 - a. The BOS committee confirmed the minutes of the BOS meeting held on 02/01/2020
2. Review of the existing program and the curricula

S.No	Item No.	Existing	Recommendation/Action Taken
For BDS (Subject: Oral Medicine and Radiology)			
1	Syllabus for Oral Medicine and Radiology, 3 rd BDS and 4 th BDS as proposed by DCIs Revised BDS Course Regulation 2007 for the session 2021-2022 was discussed with the members	Revised BDS Course Regulation 2007, No. V. 12012/3/2006-DE dated 25.07.2007 as	Department of Oral Medicine and Radiology follows the course as per the DCIs Revised BDS Course Regulation 2007. Hence no amendment

Vishal *Rahul* *Kriti* *Sachin* *Neeta* *Rajeev*

Vishal

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		proposed by DCI	needed in this regards and the syllabus is send to the academic council for the kind information
2	Exposure visits (Internship)	The BDS curriculum as per DCI is based on 1 year compulsory internship to enhance the skills and knowledge of the students	As the BDS curriculum (as per DCI) consists of 1 year compulsory internship program, hence there is no amendment needed in this regards
For MDS(Subject: Oral Medicine and Radiology)			
3	Syllabus for MDS Course for the session 2021-2022 for the subject of Oral Medicine and Radiology was discussed with all the members as proposed in the DCI MDS Gazette 2017	Dental Council of India , Master of Dental Surgery Course Regulations, 2017,dated 5.11.2017	Department of Oral Medicine and Radiology follows the course as per the DCIs MDS Course Regulations 2017. Hence no amendment needed in this regards and the syllabus is send to the academic council for the kind information
4	Panel of External examiners /Paper Setters	-	Panel for external examiner/Paper setters is submitted for approval

3. 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 courses(30hours)	Training/certificate based short term courses for developing practical skills is suggested	One short term course is proposed for enhancing knowledge and skill of the students: DENTAL RADIOLOGY: starting from 31.10.2022 to 07.11.2022
2	Conduction of National OMR Consortium Season 5 th to 7 th ,May 2022	Certificate will be provided to all the students attending the consortium and also	Teaching and enhancing the knowledge of UG and PGs in latest advances in Oral Medicine and

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		to those presenting paper and posters in consortium	Radiology (supporting documents attached)
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4. Review of teaching process /pedagogy:

S.No.	Item No.	Existing	Recommendation/ Action Taken
1	Enrichment in teaching pedagogy for better understanding	Audio visual aids, white boards, projectors, and a friendly/peaceful learning environment	There should be proper one to one interactions with students enrolled in the training and learning program. Experimental learning by doing treatment on patients should be adopted
2	Evaluation Scheme	Existing evaluation scheme as per DCI is adopted	Proper evaluation for final year undergraduate students and all the post graduate students is taken(the protocol is attached below)

- 5. Result analysis:** Summary of the result analysis of the student's performance in the internal examination was presented and it was suggested that the remedial classes should be conducted for the students whose performance was not found to be satisfactory.
- 6. Feedback analysis:** Analysis was performed based on the summary of already collected feedback from the students and suitable action was taken.
- 7. Any other issues with the permission of the Chair-None**

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

Dr Vishal Mehrotra
(Chairperson)

Encl: Recommended curricula by DCI attached for consideration and approval

CC:

- Dean, Academic affairs
- Registrar Office

Vishal

Sharma

Vishal

Sachin

Neelam

Kajeev

Vishal

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Ref. No.: RU/Reg./2022/123A

Date:- 31.08.2022

Office Order

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

Dear Sir,

With reference to your submitted proposal, Vice Chancellor pleased to accord permission to conducting 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.	Simplifying Endodontics	Conservative Dentistry and Endodontics
2.	Pediatric Endodontics	Pediatric and Preventive Dentistry
3.	Minor oral Surgery	Oral and Maxillofacial Surgery
4.	Dental Radiology	Oral Medicine and Radiology
5.	Basic Course in Histopathology Technique	Oral and Maxillofacial Pathology & Microbiology
6.	Photography and its Application in Dentistry	Periodontology
7.	Myofunctional appliance therapy	Orthodontics & Dentofacial Orthopedics



(Registrar)

Registrar

Rama University
Kanpur (U.P.)

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

Note Sheet

Faculty of Dental Sciences (Kumaon Dental College)
Hospital and Research Center) ~~is~~ proposed
the following courses intended about 4-5 semesters

- 1- Public Health Dentistry - Statistics and
Epidemiology
- 2- Endodontics and Root Canal Therapies - Myo-
functional appliance therapy
- 3- Forensic Dentistry - Photography and its application
in Dentistry
- 4- Oral and Maxillofacial Pathology and Microbiology
Basic Courses in Histopathology Technique
- 5- Conservative Dentistry and Endodontics - Simple
Endodontics
- 6- Pediatric and Preventive Dentistry - Pediatric
Endodontics
- 7- Oral and Maxillofacial Surgery - Maxillofacial
Surgery
- 8- Oral Medicine and Radiology - Dental Radiology

Kindly approve the above mentioned courses in
the academic session 2022-23.

Alif
Dean-Academic Affairs
H.O.D.
PROFESSOR OF ORAL MEDICINE & RADIOLOGY
DEPT. OF ORAL MEDICINE & RADIOLOGY
RDCHRC, LAKHANPUR
KANPUR - 208024

University
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Department:
Examination
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Note Sheet

Faculty of Dental Science, Proprietary
School from Classes as member of Ben
Affairs

As per the recommendation of Ben Academic Affairs
& permit for present and approval R.

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[Signature]

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DENTAL CLINIC, LAKHANPUR
LAKHANPUR - 208024



RAMA DENTAL COLLEGE HOSPITAL AND RESEARCH CENTER,
KANPUR

DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY
SHORT TERM COURSE ON DENTAL RADIOLOGY

TRANSACTION ID

S. NO.	NAME	UPI TRANSACTION ID
1	Niranjan Singh S/o Kuldeep Singh Piyush Dental Lab Kargil Petrol Pump, Barra- 8, Kanpur	230168537220 Date- 28.10.22 Time- 12:52PM

Amount - 2000/-
Reshma

28/10/2023

Details:

UPI Transaction ID
230168537220

From - Praveen Kumar Singh

Praveensig9415@okhdcbank

Google Transaction ID

CICAgJCaipuNCg

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Department of Oral Medicine and Radiology

Time Table for Short term course on Dental Radiology 2022

Day	Date	Module	Total hours of teaching	Course content	Details of the course
Day 1	31/10/22	Module 1	5hrs	Concepts of Basic Radiology	<ul style="list-style-type: none">• Types of radiation (1hr)• Properties of Xrays (1hr)• Xray production and Image formation (1hr)• Processing (1hr)• Faulty Radiographs (1hr)
Day 2	01/11/22	Module 2	5hrs	Concepts of various radiographic techniques	<ul style="list-style-type: none">• Various radiographic techniques- (1hr)• Intraoral radiographic techniques: bisecting angle/parallel/occlusal- (1hr)• Extraoral radiographs: PA view, AP view, lateral skull, lateral Cephalograms, Submentovertex, PNS View, Jughandle view- (2hr)• Applications and uses of intraoral and extraoral radiographs- (1hr)
Day 3	02/11/22	Module 3	5hrs	Practical demonstration of various radiographic techniques (INTRA ORAL)	<ul style="list-style-type: none">• Practical demonstration of Bisecting angle technique- (2hr)• Practical demonstration of Parallel angle technique - (2hr)• Practical demonstration of Occlusal radiographic technique- (1hr)
Day 4, 5	03/11/22 04/11/22	Module 4	10hrs	Practical demonstration of various radiographic	<ul style="list-style-type: none">• Practical demonstration of extraoral radiographs: PA view- (1hr), AP view- (1hr), lateral skull- (1hr), Submentovertex-

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				techniques (EXTRA- ORAL)	(1hr), PNS View- (1hr), Jug-handle view- (1hr) <ul style="list-style-type: none">• Practical demonstration of OPG- (1hr), lateral Cephalograms with tracing - (2hr)• Practical demonstration of modification in various extraoral radiographic techniques - (1hr)
Day 6,7	05/11/22 07/11/22	Module 5	10hrs	Practical exercises done by the registered delegates for the program on patients	<ul style="list-style-type: none">• Intraoral radiographic techniques done on patients by all the registered students (5hours)• Extraoral radiographic techniques done on patients by all the registered students (5hours)

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KANPUR

DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY
SHORT TERM COURSE ON DENTAL RADIOGRAPHY

ATTENDANCE DETAILS

S.No	Name	31.10.22	1.11.22	2.11.22	3.11.22	4.11.22	5.11.22	7.11.22
1.	Niranjan Singh	P	P	P	P	P	P	P

ATTENDED
7 DAYS

From

Vishal

Dr Vishal Mehrotra
Professor HOD

(Oral Medicine and Radiology, RDC)

PROFESSOR & H O D
DEPT. OF ORAL MEDICINE & RADIOLOGY
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RAMA DENTAL COLLEGE HOSPITAL AND RESEARCH CENTER,
KANPUR

DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY

QUESTION PAPER

FOR THE SHORT TERM COURSE ON DENTAL RADIOGRAPHY

Max Marks: 100

It is compulsory to attempt all questions

Answer in detail

(20X5=100)

1. Describe in detail about *intraoral radiographic techniques*
2. Describe in detail about *OPG*
3. Write in detail about steps in processing of an *IOPAR film*
4. Mention the various extra oral radiographic techniques and write in detail about *lateral cephalogram*
5. *ALARA Principle*

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DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY

CLINICAL EXAM EXERCISES TO BE PERFORMED

(Short Term Course on Dental Radiography)

Max Marks: 100

(20X5=100)

Perform the following radiographic exercises:

1. IOPAR for 46
2. IOPAR for 25
3. PA extraoral radiographic view
4. OPG
5. Submentovertex view

View

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EVALUATION OF SHORT TERM COURSE ON DENTAL RADIOLOGY

ROLL NO.	NAME	MARKS OBTAINED THEORY/PRACTICAL (100 marks each)
1	Niranjan Singh S/o Kuldeep Singh Piyush Dental Lab Kargil Petrol Pump, Barra- 8, Kanpur	THEORY: 70 PRACTICAL: 72

Vishal

Dr Vishal Mehrotra

Professor HOD

(Oral Medicine and Radiology, RDC)

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RDCHRC, LAKHANPUR

KANPUR - 208024

DEPT OF ORAL MEDICINE AND RADIOLOGY
 SHORT TERM COURSE **FEEDBACK**
 DENTAL RADIOLOGY
 31/10/2022 to 07/11/2022

NAME OF PARTICIPANT: Niranjana Singh

	VERY POOR	POOR	FAIR	GOOD	VERY GOOD
Level of effort the instructor put into the course					✓
Your level of knowledge at the start of the course		✓			
Your level of knowledge at the end of the course			✓		
	STRONGLY DISAGREE	DISAGREE	NEUTRAL	AGREE	STRONGLY AGREE
Have you understood the objectives of the course.					✓
The length of the course was sufficient to cover content.					✓
The course provided me with new information.					✓
	STRONGLY DISAGREE	DISAGREE	NEUTRAL	AGREE	STRONGLY AGREE
The instructor was sufficiently prepared.					✓
The instructor was organized.					✓
The instructor communicate					✓

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 PROFESSOR & H.O.D.
 DEPT. OF ORAL MEDICINE & RADIOLOGY
 RDCHRC, LAKHANPUR
 KANPUR - 208024

d clearly,

The instructor was effective.
The instructor was sufficiently available.

✓

✓

	VERY POOR	POOR	FAIR	GOOD	VERY GOOD
Overall quality of the content used for the course					✓
Overall quality of the course					✓

SIGNATURE OF PARTICIPANT

Himanshu

Vid
PROFESSOR & H.O.D.
DEPT. OF ORAL MEDICINE & RADIOLOGY
RDCHRC, LAKHANPUR
KANPUR - 208024

DEPT OF ORAL MEDICINE AND RADIOLOGY
 SHORT TERM COURSE **FEEDBACK**
 DENTAL RADIOLOGY
 31/10/2022 to 07/11/2022

NAME OF FACULTY: *Dr. Saniksha Shwetam*

	VERY POOR	POOR	FAIR	GOOD	VERY GOOD
Level of effort the instructor put into the course					✓
Your level of knowledge at the start of the course				✓	
Your level of knowledge at the end of the course					✓
	STRONGLY DISAGREE	DISAGREE	NEUTRAL	AGREE	STRONGLY AGREE
Have you understood the objectives of the course.					✓
The length of the course was sufficient to cover content.					✓
The course provided me with new information.					✓
	STRONGLY DISAGREE	DISAGREE	NEUTRAL	AGREE	STRONGLY AGREE
The instructor was sufficiently prepared.					✓
The instructor was organized.					✓
The instructor communicate					✓

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 DEPT. OF ORAL MEDICINE & RADIOLOGY
 RDCHRC, LAKHANPUR
 KANPUR - 208024

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Overall quality
of the course



SIGNATURE OF FACULTY

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DEPT. OF ORAL MEDICINE & RADIOLOGY
RDCHRC, LAKHANPUR
KANPUR - 208024

DEPT OF ORAL MEDICINE AND RADIOLOGY
 SHORT TERM COURSE **FEEDBACK**
 DENTAL RADIOLOGY
 31/10/2022 to 07/11/2022

NAME OF FACULTY: **Dr. Vishal Mebrāra**

	VERY POOR	POOR	FAIR	GOOD	VERY GOOD
Level of effort the instructor put into the course					✓
Your level of knowledge at the start of the course					✓
Your level of knowledge at the end of the course					✓
	STRONGLY DISAGREE	DISAGREE	NEUTRAL	AGREE	STRONGLY AGREE
Have you understood the objectives of the course.					✓
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The course provided me with new information.					✓
	STRONGLY DISAGREE	DISAGREE	NEUTRAL	AGREE	STRONGLY AGREE
The instructor was sufficiently prepared.					✓
The instructor was organized.					✓
The instructor communicate					✓

PROFESSOR *V. Mebrāra*
 DEPT. OF ORAL MEDICINE & RADIOLOGY
 RDCHRC, LAKHANPUR
 KANPUR - 208024

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The instructor was effective.
The instructor was sufficiently available.

Overall quality of the content used for the course
Overall quality of the course

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SIGNATURE OF FACULTY

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PROFESSOR & H.O.D.
DEPT. OF ORAL MEDICINE & RADIOLOGY
RDCHRC, LAKHANPUR
KANPUR - 208024

DEPT. OF ORAL MEDICINE AND RADIOLOGY
 SHORT TERM COURSE *FEEDBACK*
 DENTAL RADIOLOGY
 31/10/2022 to 07/11/2022

NAME OF FACULTY: *Dr. Rahul Srivastava*

	VERY POOR	POOR	FAIR	GOOD	VERY GOOD
Level of effort the instructor put into the course					✓
Your level of knowledge at the start of the course					✓
Your level of knowledge at the end of the course					✓

	STRONGLY DISAGREE	DISAGREE	NEUTRAL	AGREE	STRONGLY AGREE
Have you understood the objectives of the course.					✓
The length of the course was sufficient to cover content.					✓
The course provided me with new information.					✓

	STRONGLY DISAGREE	DISAGREE	NEUTRAL	AGREE	STRONGLY AGREE
The instructor was sufficiently prepared.					✓
The instructor was organized.					✓
The instructor communicate					✓

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 PROFESSOR & H.O.D.
 DEPT. OF ORAL MEDICINE & RADIOLOGY
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 KANPUR - 208024

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The instructor was sufficiently available.

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Overall quality of the course

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KANPUR - 208024

DEPT OF ORAL MEDICINE AND RADIOLOGY
 SHORT TERM COURSE *FEEDBACK*
 DENTAL RADIOLOGY
 31/10/2022 to 07/11/2022

NAME OF FACULTY: *Dr. Ksiti Garg*

	VERY POOR	POOR	FAIR	GOOD	VERY GOOD
Level of effort the instructor put into the course					✓
Your level of knowledge at the start of the course					✓
Your level of knowledge at the end of the course					✓
	STRONGLY DISAGREE	DISAGREE	NEUTRAL	AGREE	STRONGLY AGREE
Have you understood the objectives of the course.					✓
The length of the course was sufficient to cover content.					✓
The course provided me with new information.					✓
	STRONGLY DISAGREE	DISAGREE	NEUTRAL	AGREE	STRONGLY AGREE
The instructor was sufficiently prepared.					✓
The instructor was organized.					✓
The instructor communicate					✓

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 DEPT. OF ORAL MEDICINE & RADIOLOGY
 RDCHRC, LAKHANPUR
 KANPUR - 208024

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The instructor was sufficiently available.

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	VERY POOR	POOR	FAIR	GOOD	VERY GOOD
Overall quality of the content used for the course					✓
Overall quality of the course					✓

SIGNATURE OF FACULTY
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PROFESSOR & H.O.D.
DEPT. OF ORAL MEDICINE & RADIOLOGY
RDCHRC, LAKHANPUR
KANPUR - 208024

DEPT. OF ORAL MEDICINE AND RADIOLOGY
 SHORT TERM COURSE **FEEDBACK**
 DENTAL RADIOLOGY
 31/10/2022 to 07/11/2022

NAME OF FACULTY: *Dr. Sachin Kushwaha*

	VERY POOR	POOR	FAIR	GOOD	VERY GOOD
Level of effort the instructor put into the course					✓
Your level of knowledge at the start of the course					✓
Your level of knowledge at the end of the course					✓

	STRONGLY DISAGREE	DISAGREE	NEUTRAL	AGREE	STRONGLY AGREE
Have you understood the objectives of the course.					✓
The length of the course was sufficient to cover content.					✓
The course provided me with new information.					✓

	STRONGLY DISAGREE	DISAGREE	NEUTRAL	AGREE	STRONGLY AGREE
The instructor was sufficiently prepared.					✓
The instructor was organized.					✓
The instructor communicate					✓

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 PROFESSOR & H.O.D.
 DEPT. OF ORAL MEDICINE & RADIOLOGY
 RDCHRC, LAKHANPUR
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of the course

VERY POOR	POOR	FAIR	GOOD	VERY GOOD
				✓
				✓

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SIGNATURE OF FACULTY

Sachin

Vish
PROFESSOR & H.O.D.
DEPT. OF ORAL MEDICINE & RADIOLOG:
RDCHRC, LAKHANPUR
KANPUR - 208024

From: Dr. Vishal Mehrotra
Date: 29/3/2023

Professor & HOD
Department of Oral Medicine and Radiology
Rama Dental College Hospital and Research Center, Kanpur

To:
The Dean Academics
Rama University
Mandhana, Kanpur

Subject: Detail regarding Short Term Course
Respected Sir,

This is to bring to your kind notice that a short term course was conducted by our department from 31.10.22 to 7.11.22 and the registration fees of 3000/- was charged for the course. There was one participant who registered for the course. The name of registered candidate is mentioned below:

I. Niranjan Singh

Vishal
Thanking You
Yours Sincerely
Dr. Vishal Mehrotra
Professor HOD

(Oral Medicine and Radiology, BDC)
PROFESSOR & HOD
DEPT. OF ORAL MEDICINE & RADIOLOGY
RAMA DENTAL COLLEGE HOSPITAL
KANPUR - 206004

FACULTY OF DENTAL SCIENCES
RAMA UNIVERSITY, MANDHANA
DEPARTMENT OF ORAL MEDICINE AND RADIOLOGY
REPORT ON SHORT TERM COURSE

"DENTAL RADIOLOGY"

The short term course program on "Dental Radiology" was held from 31.10.22 to 7.11.22 and was organized by Department of Oral Medicine and Radiology, Faculty of Dental Sciences. The program was started in offline mode. A single participant registered for this program. The Course was of total 1 week duration (total 35hours). The objective of this program is an endeavor to prepare dental students/dental professionals for performing ideal and informative dental radiographs. The course aims to get an deep insight into the field of dental radiology and also not only gain both theoretical and practical knowledge with elaborate radiographic exercises but also get familiarized and well acquainted to various intraoral and radiologic techniques. Thus a successful training in this course will not only be beneficial in clinical dental practice but also will be a great help in obtaining jobs

Learning objectives of the course: at the end of this course the participants will be able to-

1. Identify normal anatomical landmarks in periapical, bitewing, occlusal, and panoramic radiographs.
2. Consistently produce acceptable diagnostic bitewing, periapical, occlusal, and panoramic radiographs.
3. Discuss the scientific principles that govern radiographic techniques including radiation physics, radiation characteristics, radiation biology, and radiation safety techniques, including the ALARA principle.
4. Appreciate and guard against the dangers of x-radiation.
5. List and explain the selection criteria for prescribing dental radiographs
6. Compare and contrast intra-oral and extra-oral radiographs and identify their purposes and uses in dental disease identification.
7. Manage dental patients competently during clinical radiographic procedures.

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8. Determine common radiographic errors that cause poor radiographic quality and be able to correct those errors.
9. Describe a diagnostically acceptable radiograph.
10. Interpret radiographs and be able to distinguish normal anatomy from oral pathologies, caries, and periodontal diseases.
11. List and explain state and federal laws that pertain to the practice of dental radiography.
12. Explain the purpose, technique, and benefits of digital radiography.
13. Describe the techniques and purpose of using localization techniques in radiology.

Co-investigators Dr Rahul Srivastava Professor Department of Oral Medicine and Radiology not only discussed about the various introral radiographic techniques but also gave their practical demonstration and explained their role in diagnosis of diseases. Dr Kirti Gang Reader in Department of Oral Medicine and Radiology further discussed the importance of dental radiology in dental practice.

Today, dental Radiology is an upcoming branch in dentistry and all the dental clinics are upgrading to various newer radiographic machines. This course will not only train you taking various radiographs on patients but will also open the opportunities in various private hospitals and dental clinics

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SHORT TERM COURSE ON DENTAL RADIOLOGY

Department of Oral Medicine and Radiology

20/8/2022

Serial no.	Contents	Description
1	Title of the course	Certificate course Dental Radiology
2	About the course	<p>This intensive 7days course (Lectures and clinical component) trains dental interns, postgraduates and dental practitioners in the fundamentals of dental radiography. On successful completion of this course will render the dentist qualified and practically trained to expose radiographs in their practices.</p> <p>The Dental Radiology Certificate Program will explore the basics of dental radiology, including x-ray physics, characteristics of radiation, the dental x-ray machine, effects of radiation exposure, radiation protection, image receptors, digital radiography, dental radiographic anatomy, and intra and extra-oral radiographic procedures. Students will gain experience exposing digital radiographs and correctly mounting them using a digital mount. This experience will be gained by hands-on exposure on patients. A final laboratory competency consists of exposure and evaluation of a full mouth</p>
3	Who can apply?	<ul style="list-style-type: none"> • Dental graduates. • Interns. • Post graduate students • Private practitioners.
4	Fee Structure	Registration Fee - INR 2000/-
5	Contact Details	<p>Name - Ms. Sandhya Dutley</p> <p>Email Id - admissions@gsr.in</p> <p>Contact Number - 9919774489 / 08152586611</p>
6	Instructor Details	Dr. Vidul Mishra


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8	Course Curriculum	<p>Total duration of course is no. of days - 7 days</p> <p>Description of all the modules of conceptative modules start from Quarter 2022</p> <p>Module 1: Concepts of Basic Radiology. (1day, Hours-5hr)</p>
7	Mode of Teaching	<p>Classroom</p> <p>The online/offline class is on the Blackboard platform and has 5 modules. You must successfully complete the first two modules before the first lab. You must successfully complete the next two modules followed by exposure of radiographs on patients. Full instructions and your Blackboard credentials will be provided before the start of the online/offline classes. There will be a web-based/in physical (depending on guidelines as per government for COVID) and the situation prevailing) final examination at the conclusion of the course.</p>

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	<p>Module 2: Concepts of various radiographic techniques.(1day, Hours=5hr)</p> <p>Module 3: Practical demonstration of various radiographic techniques.(INTRA-ORAL)(1day, Hours=5hr)</p> <p>Module 4: Practical demonstration of various radiographic techniques.(EXTRA-ORAL)(2day, Hours=10hr)</p> <p>Module 5: Practical exercises done by the registered delegates for the program on patients.(2day, Hours=10hr)</p>
<p>9</p> <p>Course Outcome</p>	<p>Upon completion of this introductory course in Dental Radiology, each student will be able to:</p> <ol style="list-style-type: none"> 1. Identify normal anatomical landmarks in periapical, bitewing, occlusal, and panoramic radiographs. 2. Consistently produce acceptable diagnostic bitewing, periapical, occlusal and panoramic radiographs. 3. Discuss the scientific principles that govern radiographic techniques including radiation physics, radiation characteristics, radiation biology, and radiation safety techniques, including the ALARA principle. 4. Appreciate and guard against the dangers of x-radiation. 5. List and explain the selection criteria for prescribing dental radiographs. 6. Compare and contrast intra-oral and extra-oral radiographs and identify their purposes and uses in dental disease identification. 7. Manage dental patients competently during clinical radiographic procedures. 8. Determine common radiographic errors that cause poor radiographic quality and be able to correct those errors. 9. Describe a diagnostically acceptable radiograph. 10. Interpret radiographs and be able to distinguish normal anatomy from oral pathologies, caries, and periodontal diseases. 11. List and explain state and federal laws that pertain to the practice of dental radiography. 12. Explain the purpose, technique, and benefits of digital radiography. 13. Describe the techniques and purpose of using localization techniques in radiology.
<p>10</p> <p>Certification</p>	<p>Certificate will be awarded at the end of the course after</p>

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provided at the end of the course satisfactory completion of all modules of the course

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Ser No. 1387



CERTIFICATE OF SHORT TERM COURSE

This is to certify that

Mr. / Ms. Niranjam Singh

has successfully completed more than 30 hours short term course on
" Dental Radiology "

conducted from 31.10.2022 to 07.11.2022 in the department

of Oral Medicine and Radiology Faculty of Dental Sciences

Dean/Principal

Vidya

Registrar/Controller of Examinations

RK Rana

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