SHORT TERM COURSE ON

MYOFUNCTIONAL

APPLIANCE THERAPY

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APPLIANCE THERAPY - 2021.

RAMA DENTAL COLLEGE HOSPITAL AND RESEARCH CENTRE

DEPARTMENT OF ORTHODONTICS & DENTOFACIAL ORTHOPEDICS

SHORT TERM COURSE

"MYOFUNCTIONAL APPLIANCE"

RAMA University, Faculty of Dental Sciences, Kanpur Department of Orthodontics & Dentofacial Orthopedics

Date: - 26/8/21

Minutes of Meeting

Board of Studies

A meeting of Board of studies was held on 26.08.2021 at 2.00 pm in the chamber of HOD, Department Orthodontics & Dentofacial Orthopedics.

Following members were present:

1. Dr. Janardhana Amarnath B.J. (Principal)

2. Dr. Sujit Panda (Professor and HOD)

3. Dr. Neha Agarwal (Reader)

4. Dr. Karuna Singh (Reader)

5. Dr Jitendra Bhagchandani (Professor)

6. Dr Tarun Sharma (Professor)

Chairman

Convener

Internal Member Mcha

Internal Member

External Member

External Member

AGENDA:

Action taken report (ATR) on Minutes of previous meeting.

The minutes of BoS meeting held on 20/5/20 was confirmed by BoS committee.

2. A review Existing Programs and their curriculum.

S N o	Item No.	Existing	Recommendation/Action taken
•	For BDS (Dept. of Orthodontics)	DDC	University followed course
1.	BDS course regulations 2007 Framed by the Dental Council of India and approved by the Central Government under the Dentist Act,1948-vide government of India, Ministry of Health & Family welfare letter No. V.12012/3/2006-DE dated	The same BDS course regulations 2007 Framed by the Dental Council of India and approved by the Central Government under the Dentist Act, welfare letter No.	University followed course curricula based on same BDS course regulations 2007 Framed by the Dental Council of India, welfare letter No. V.1202/3/2006-DE dated 25.07.2007. As such no amendment needed in this regard till date

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	25.07.2007	V.1202/3/2006- DE dated 25.07.2007 followed till date	
Sr. No.	For MDS (Dept. of Orthodontics) Item no.	Existing	Recommendation/Action taken
1.	MDS course regulations 2007 Framed by the Dental Council of India and approved by the Central Government under the Dentist Act,1948-vide government of India, Ministry of Health & Family welfare letter No. V.12012/1/2001-DE dated 12.10.2007	In exercise of the powers the state government, the dental council of India revised MDS Course regulations 2007 under letter no-DE-87-2017. The regulations i.e. Masters of Dental Surgery Course Regulations, 2017 are currently followed.	University followed course curricula based on revised MDS course regulations 2017 framed by the Dental Council of India, welfare letter No. DE-87-2017. As such no amendment needed in this regard till date

2. Recommendation on New course/Short term training

Sr. No.	Item no.	Feedback from Faculty/Student	Recommendation/Action taken
1.	Conduction of career oriented short term course Total duration of course : (30 Hours)	Training/certificates based short term courses for developing practical skills is suggested	Two short term course were proposed for enhancing the knowledge and skills of students. > "Myofunctional appliance"

Result analysis:

Summary of result analysis of the student's performance in the annual examination were presented and it was suggested that the course instructors should conduct remedial classes for the students whose performance was not found satisfactory.

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Feedback Analysis:

Analysis was performed based on summery of already collected feedback from students and the course instructors have been instructed for improvement in teaching pedagogy for better understating of students in the cases where the feedbackis below average.

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

conveyed later.

Dr. Janardhana Amarnath B.J. (Principal) (Chairman)

CC:

- 1. Dean, Academic Affairs
- 2. Registrar Office

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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/~) 2 7, A

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.

SI 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	Oral and Maxillofacial Pathology &
	Technique	Microbiology **
6.	Photography and its Application	Periodontology
	in Dentistry	
7.	Myofunctional appliance therapy	Orthodontics & Dentofacial Orthopedics

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.)

RAMA University, Faculty of Dental Sciences, Kanpur Department of Orthodontics & Dentofacial Orthopedics

Date: - 21/08/2021

CIRCULAR

A meeting of Board of studies of subject of Orthodontics &Dentofacial Orthopedics is scheduled on 26.08.2021 at 2.00 pm in the chamber of HOD, Orthodontics &Dentofacial Orthopedics. All members of the Board of Studies are requested to attend the same.

Agenda proposed for Board of studies meeting

- Approval of the minutes of last meeting of BOS held on 20/5/2020
- Evaluation of the curriculum of BDS and MDS students.
- Evaluation of UG/PG exam panel.
- · Feedback analysis
- Result analysis
- · Any other point suggested by Chairman

Copy to: -

- 1. To all members of BOS
- Vice Chancellor, Rama University, Kanpur
- 3. Registrar, Rama University, Kanpur

(Dr. Sujit Panda)

Prof & Head

Department of Orthodontics and Dentofacial Orthopedics

Faculty of Dental Sciences Rama university

COVER LETTER

To Respected

Date: 17/11/2022

Principal Sir / DeanAcademics,

Rama Dental College Hospital and Research Centre,

Kanpur,

<u>Subject</u>: Permission for approval of short term course conducted on "Myofunctional appliance Theraapy" by Department of Orthodontics & Dentofacial Orthopedics, RDC.

Respected sir,

This is to bring your kind knowledge that we are submitting you the proposal for starting the short term course in "Myofunctional appliance therapy" to be conducted in Department of Orthodontics & Dentofacial Orthopedics, RDC in 2022. Sir please do grand us permission to conduct the short term course.

Thanking you,

Yours faithfully

Dr. Sujit Panda

Professor and HOD,

Maharai

Department of Orthodontics and Dentofacial Orthopedics

Dept RDC, Kanpur Hospita

NOTE: This date may vary as per UG University exam as when announce by university.

PRINCIPAL MOSPITAL

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Note Sheet

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nt: Office of 1 Academic

: DAM 2012 Je: 28/8/2011

Faculty of Dental Sciences (fame Dental Cally) Hospital and Research Center) want to proposer the following concer mented short terms courses

1- Public Health Eventurry - Biestatistics and Research nethodology

2 - orthodonkes and Dentofacial Extrepadies - Mye - functional appliance therapy!

applicab 3 - Periodente logy - Photography and its

17. Coal and Maxilloficial Pathology and riverencelogy Basic course in Histogratuology Technique

5-1 Conservative Dentistry and Endoclartics - Simplify Enclodonties.

6- Reduation and Provenbul Dantistry - Pediatric and dentes

7- Grad and Marillefound Surjey - Missor oral

0- Oral Medicine and Revlutory - Dental Particlegy

He academics serson - 2022 - 23.

Dean-Academic Affairs Rama-University Uttar Pranest

Note Sheet Fraily & Secret Dec Person Her View. As 15 TE COMMUNICATION & DEL PRESENTE ALL * Peruting for Printer all appeal 1

Rama Dental College, Hospital & Research Centre Department of Orthodontics & Dentofacial Orthopedics Short term course fees details 2022

S.No.	Student Name	Amount Received	Transaction ID	
1	Anirudh Ghorai	1000/-	230850002105	
2	Ankit Kumar Singh	1000/-	230918108519	
3	Anmol Prajapati	1000/-	23095099292	
4	Anshu Kumari	1000/-	231198640714	
5	Ashi Gautam	1000/-	231126742186	
6	Astha Soni-	1000/-	230951060742	
7	Ayush Singh	1000/-	230950984290	
8.	Dr.Michael H.Lynghoi	1000/-	231224040154	
9	Dr.Jitendra singh	1000/-	231253784740	

Sig Hande Dept. of Orthodonnes Rama Dental College-Hospita & Research Centre A-1, Lakhannar - New Street D Saharai University of the State 9×1000 = 9000/Received

CLASS .S	Laut term. SUBJECT N.C.	Date	11/2
SI. No.	Name	Admission No.	11/2 1/2
			12345
17.	Ankit Kr. Sings Anmal Preispet		1 2 3 4 5
-24	Ankit Kr. Sings		12345
	Annal riesper		12345
4)	Agush Singh Actra soni		1 2 3 4 5
65	Asiz gautan		12375
1>	Anshu kumani Mishael hay		12345
8			1 2 3 4 5
9	Titenden Se	igh	1 2 3 4 5
			EB B B B
			Hond
			Depts of Orthodon ics

DEPARTMENT OF ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS

TIME TABLE FOR SHORT TERM COURSE ON Myofunctional appliance 2022

DAY	DATE	MODULE	TOTAL HOURS OF TEACHING	COURSE CONTENT	DETAILS OF THE COURSE
DAY 1	22/08/23	Module 1	6 hours	Theory involving general concepts	Basic conceptsClassificationTreatment principles
DAY 2	23/08/23	Module 2	6 hours	Diagnosis	 Case selection with detail analysis of facial photographs Vertical treatment objective
DAY 3	24/08/23	Module 3	6 hours	Construction bite	 Bite planes Bite registration Construction or working bite
DAY 4	25/08/23	Module 4	6 hours	Fabrication of functional appliance	 Wire components are fabricated Wax up and acrylization
DAY 5	26/08/23	Module 5	6 hours	Appliance delivery and its clinical application	 Post delivery instruction is given regarding the use of appliance. Trimming of appliance Recall guideline

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University Section 200809

RAMA DENTAL COLLEGE HOSPITAL AND RESEARCH CENYRE

DEPARTMENT OF ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS

(SHORT TERM COURSE TEST)

1. Frankel- IV for used for

- a) class 1 malocclusion
- b) class 2 malocclusion
- c) class 3 malocclusion
- d) bimaxillary protrusion

2. Jasper jumper is a

- a) flexible fixed functional appliance
- b) rigid fixed functional appliance
- c) fixed functional appliance
- d) none of the above

3. Denholtz appliance is used for

- a) correction of open bite
- b) distalization of the molars
- c) correction of deep bite
- d) correction of anterior cross bite

4. Frankel appliance is a

- a) myofunctional appliance
- b) removable appliance
- c) fixed appliance
- d) none of the above

5. Lip bumper not used in the treatment of

- a) Lip biting
- b) distalization of molars
- c) nail biting
- d) lip exercises

6. Norwegian appliance is

- a) bionator
- b) activator
- c) Frankel
- d) Twin block

7. The two blocks in the Twin block functional appliance are angulated at (or) for the angle of incline plane in Clarks twin block is

- a) 45 degree
- b) 70 degree
- c) 65 degree
- d) 80degree

8. Which of the following is a myofunctional appliance

- a) Catalans appliance
- b) Hawley's appliance
- c) expansion screw
- d) derishsweiler appliance

9. Lip bumper was used for

- a) mouth breathing
- b) nail biting
- c) for lip biting and hyperactive mentalis
- d) all of the above

10. Which of the following is a fixed functional appliance

- a) bionator
- b) bow Activator
- c) herbst appliance
- d) a and b

Dept. of Orthodontica

Rama Dental College-Hospital

Research Centre

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RAMA DENTAL COLLEGE, HOSPITAL & RESEARCH CENTRE DEPARTMENT OF ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS EVALUATION (SHORT TERM COURSE)

ROLL NO	NAME	GRADING
1.	AnirudhaGheroi	A
2.	Ankitkumarsingh	В
3.	AnmolPrajapati	A
4.	AnshuKumari	A
5.	Arshigautam	В
6.	Asthasoni	A
7.	Ayushsingh	A
8.	Dr. Michael H. Lynghoi	A
9.	Dr. Jitendra Singh	A

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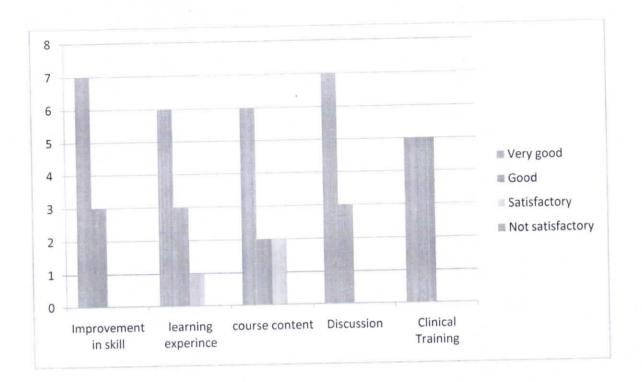
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Department of Orthodontics & Dentofacial Orthopedics Short term course 2022



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Rama Research Centre

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RAMA UNIVERSITY, FACULTY OF DENTAL SCIENCE\ DEPARTMENT OF ORTHODONTICS & DENTOFACIAL ORTHOPEDICS

REPORT: SHORT TERM COURSE (Myofunctional Appliance)

OBJECTIVE: To attain theoretical and clinical knowledge on Myofunctional appliance therapy.

LEARNING OBJECTIVE:

Children having jaw discrepancies should be recognized timely and managed. This course enabled the participants to diagnose and manage such cases successfully.

- > The first part of the course comprised of theory of the various aspects of the functional appliances.
- The second part included practical demonstration of bite registration, appliance fabrication and appliance delivery and clinical management.

COURSE DETAILED PROGRAMME MODULE:

Day wise description of all the modules of course-

- Day 1- Theory involving general concepts.
- Day 2- Diagnosis
- Day 3- Construction Bite.
- > Day 4- Fabrication of a functional appliance.
- > Day 5- Appliance delivery and its clinical

INSTRUCTORS OF THE COURSE:

Dr. Sujit Panda, Dr. Avesh Sachan, Dr.Neha Gupta, Dr.Karuna Singh, Dr.Avinash Chand.

COURSE OUTCOME:

Participants developed the skills to successfully manage growing patients with jaw discrepancies. All the important aspects of functional appliances such as diagnosis, bite registration, fabrication & pliance delivery were dealt in detail.

At the end of the course a MCQ based assessment was conducted and students were evaluated

based on it. Certificate were provided if the candidate had more than 90% attendance or scored more than 50 % in the exam conducted at the end of the course.

> Dr. Sujit Panda Prof & HOD

Rama Dental College-Hospita. Dept. of Orthodontics & dentofacial orthodentics

Faculty of Dental Sciences.

Department of ...Orthodontics & Dentofacial Orthopedics.....

Serial no.	contents	Description/details
1	Title of the course-	Myofunctional appliance therapy.
2	About the course-describe the importance/usefulness of the course in 200-250 words.	Children having jaw discrepancies should be recognized timely and managed. This course will enable the participants to diagnose and manage such cases successfully. The first part of the course will comprise of the theory of the various aspects of the functional appliances. The second part will deal with the practical demonstration of bite registration, appliance fabrication and appliance delivery and clinical management.
3	Eligibility/Who can apply?	 Dental graduates. Interns. Post graduate students. Private practitioners.
4	Fee structure?	

	(Registration fee -	Registration fee - 500/-
	Course fee- should be nominal, cover up all expenditure of the course to be decided by the dept.	Course Fee- 1000/-
5	Account Details- given by the administration	Not to fill
6	How to apply? (Process of application- Contact person name, email id, contact number. Registration form/other methods of registration-common for all depts. Provided	Contact Persons Name- Ms. Manisha Mishra Email Id-admissions.rdc@ramauniversity.ac.in Contact Number-9919774489 / 0512-2580611
7	by administration) Important Dates (Application start date and end date)	Depends on the advisory of concerned authority.
8	Courseware	Not to fill
9	Instructors- mention names, emails & mob.nos.	Dr. Sujit Panda, Dr. Avesh Sachan, Dr. Neha Gupta, Dr. Karuna Singh, Dr. Avinash Chand. Dr. Sujit Panda drsujitpanda@gmail.com 9839138625

		Dr.Avesh Sachan <u>Draveshsachan.rdc@ramauniversity.ac.in</u> 9415502718
		Dr. Neha Gupta <u>Drnehagarwal.rdc@ramauniversity.ac.in</u> 9956178170
		Dr.Karuna Singh <u>Dr.Karunachib@yahoo.co.in</u> 9839176744
		Name- Dr.Avinash Chand Email-aavingautam@gmail.com Mob.no8953535180
10	Mode of teaching: classroom/online	classroom
11	Evaluation system	Not to fill
12	Course details/curriculum-detailed progamme module.	Total duration of course in no. of days –5 Day wise description of all the modules of course-
		Day 1- Theory involving general concepts.
		Day 2- Diagnosis
		Day 3- Construction Bite.
		Day 4- Fabrication of a functional appliance.
		Day 5- Appliance delivery and its clinical

management.

Department of Orthodontics and Dentofacial Orthopedics Contents of short-term course on Myofunctional appliance therapy.

Day 1- Theory involving general concepts.

Myofunctional appliances use the facial muscles and masticatory muscles to produce changes in the relation of teeth or arches. This means that these appliances aim to utilize, eliminate or guide the forces arising from muscle function, tooth eruption and growth in order to alter skeletal and dental relationships.

Day 2- Diagnosis

Case selection includes detailed analysis of facial photographs, models and lateral cephalogram. Cases with mild to moderate skeletal discrepancy (Class II / III) with mild proclination of upper incisors and no dental crowding and average to horizontal growth pattern are favourable for myofunctional appliance therapy.

Day 3- Construction Bite.

Good quality alginate impressions for upper and lower dental arches/ soft tissue where the functional appliance will extend, are sufficient for fabrication of any functional appliance.

The bite registration is taken with the mandible in the most protruded or retruded position achievable without causing discomfort to patient. A horseshoe-shaped wax bite rim is

prepared. Then the mandible is guided the into planned position. A horse shoe shaped the wax bite is used for bite registration which is the checked and hardened. Appliance is then constructed for correction Class II or Class III. Day 4- Fabrication of a functional appliance. Wire components are fabricated and wax up is done. The appliance is then acrylized. Day 5- Appliance delivery and its clinical management. Post delivery instructions are given regarding the use of appliance, appliance and oral hygiene care. Patient is recalled after every 6-8 weeks.

Participants will develop the skills to

successfully manage growing patients with jaw

discrepancies. All the important aspects of

Course outcome -

in 50-70 words)

mention the benefits for

the aspirants of course

13

		functional appliances such as diagnosis, bite registration, fabrication & appliance delivery will be dealt in detail.
14	Certification provided at the end of the course	Certificate will be provided if the candidate has more than 90% attendance or scores morethan 50 % in the exam conducted at the end of the
		50 % in the exam conducted at the end of the course.

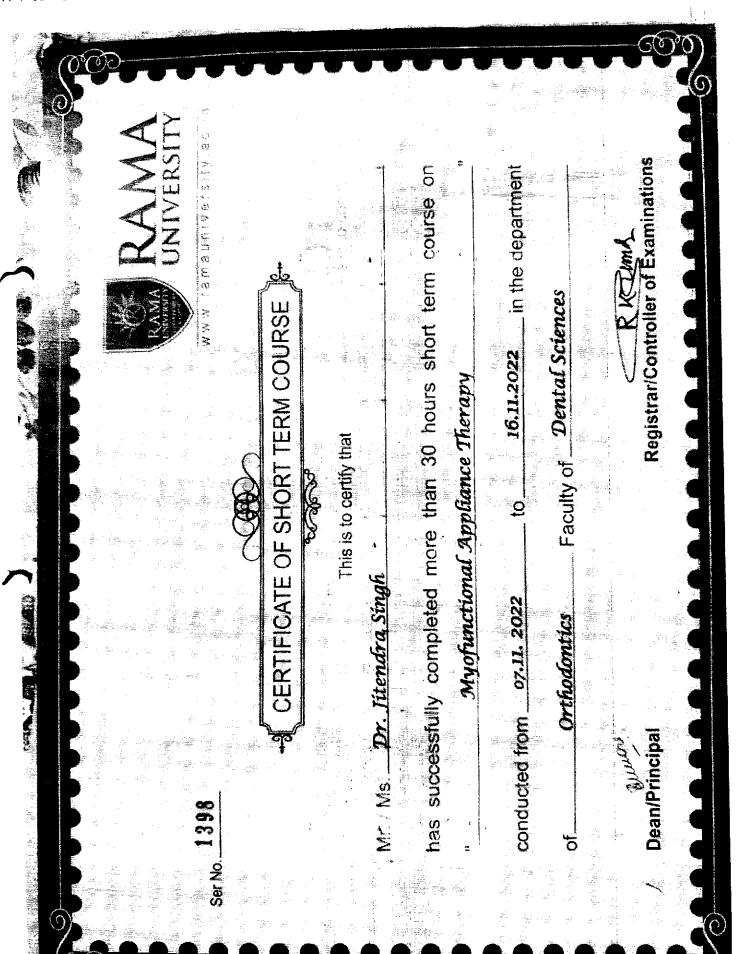
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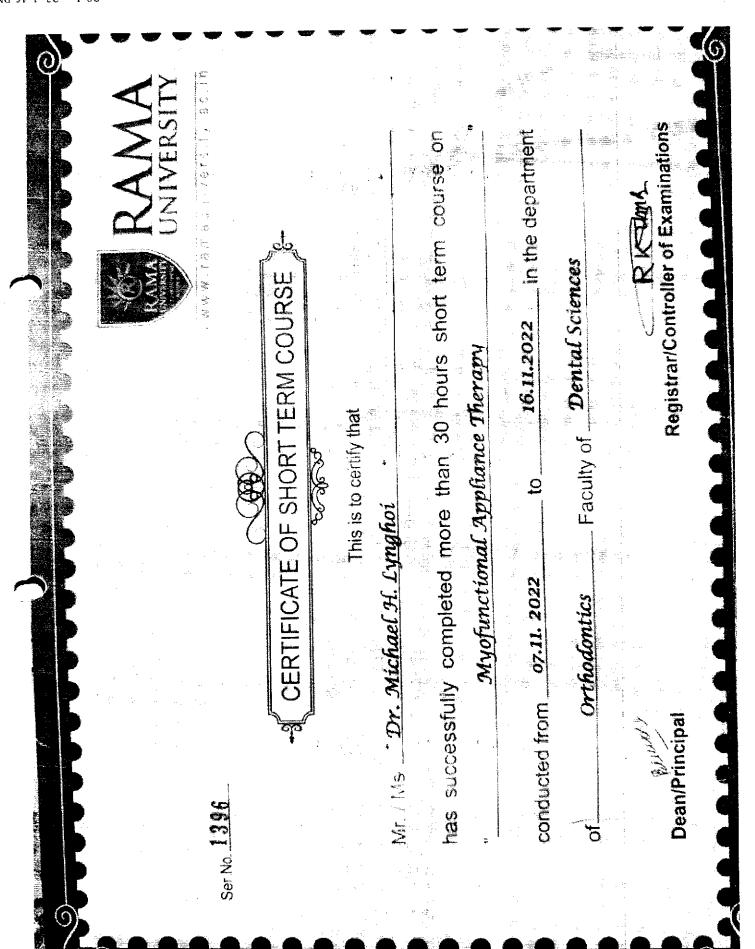
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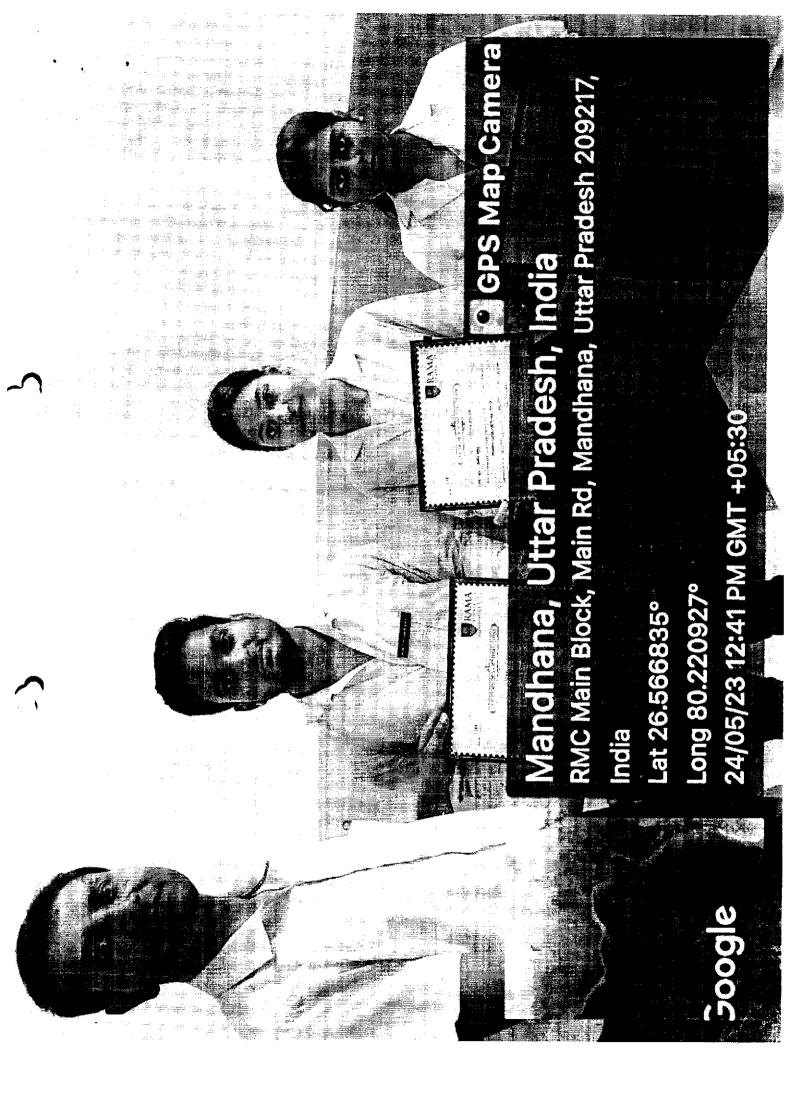
& Research Centre

A-1, Lakhanna Non-Shanu D

Maharai University K 1997







Jttar Pradesh, Mandhana,

RMC Main Block, Main Rd, Mandhana, Uttar Pradesh 20921

Lat 26.566835°

Long 80.220927°

24/05/23 12:4

SPS Map Camera

Jitar Prade Mandhana,

RMC Main Block, Main Rd, Mandhana, Uttar Pradesh 20921 Lat 26.566835° India

9/11/22 12:46 PM GM Long 80.220927°

