

**TEERTHANKER MAHAVEER DENTAL COLLEGE
&
RESEARCH CENTRE**

NH-09, DELHI ROAD , BAGADPUR, MORADABAD, 244001

ANNEXURE - 1

**TITLE: RESEARCH PROJECTS, GRANTS, PATENTS,
INNOVATIONS AND SCHOLARLY ACTIVITIES**

Name of the Activity	Duration (in No. of days)	Start Date (DD-MM- YYYY)	End date (DD-MM- YYYY)	Number of Participants
BUILDING INNOVATIVE SKILLS FOR EFFECTIVE PLACEMENT OF STAINLESS STEEL CROWNS	01	22/JAN/2026	22/JAN/2026	79
APPROACHES AND INNOVATIONS IN DENTINAL HYPERSENSITIVITY CARE	01	29/JAN/2026	29/JAN/2026	100
AI ETHICS, SAFETY, SUBSTAINABILITY, & RESPONSIBLE USE	01	07/FEB/2026	07/FEB/2026	70
FROM IDEA TO INNOVATION: INTELLECTUAL PROPERTY PROTECTION AND MANAGEMENT IN MODERN STARTUP- UPS	01	29/MAY/2026	29/MAY/2026	


 Officiating Principal
Dr. Pradeep Tangade
 MDS
 Reg. No. 3740-A
 TMDC & RC, Moradabad, T.N.



TMU/IC/18.07.292

TEERTHANKER MAHAVEER UNIVERSITY, MORADABAD

INSTITUTION'S INNOVATION COUNCIL (IIC)

Is Organizing

a Expert Talk on

"Approaches and Innovations in Dentine Hypersensitivity Care"



Speaker

Dr Abhinav Agrawal
Professor,
Dept. of Conservative
Dentistry & Endodontics

Speaker

Dr Shalabh Mehrotra
Professor &
Head of Dept.
of Periodontics



Dr Pradeep Tangade
Principal,
TMDCRC

Dr Ankit Jain
Vice Principal,
TMDCRC

Dr Atul Jain
Professor & Head,
Dept. of Conservative
Dentistry & Endodontics

Dr Saleem Azhar
Professor,
Dept. of Conservative
Dentistry & Endodontics

Dr. Rajeev Pathak
Professor,
Dept. of
Periodontics

Dr Harima Nigam
IIC Co-ordinator
TMDCRC



DATE
28th January, 2025



TIME
01 Pm Onwards



VENUE
LT-2

Participants will get an E-Certificates

Sustainable Development Goals



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Reg. No. 3740-A
TMDC & RC, Moradabad, TMU



Teerthanker Mahaveer Dental college & Research Centre

Moradabad, India

14:32 Thu, 29 Jan 2026

➤ 28.823369°N, 78.662475°E

~ 204.03 m

🌡 20.1°C

⬆ -1.0°N/A

🌀 38.7 km/h

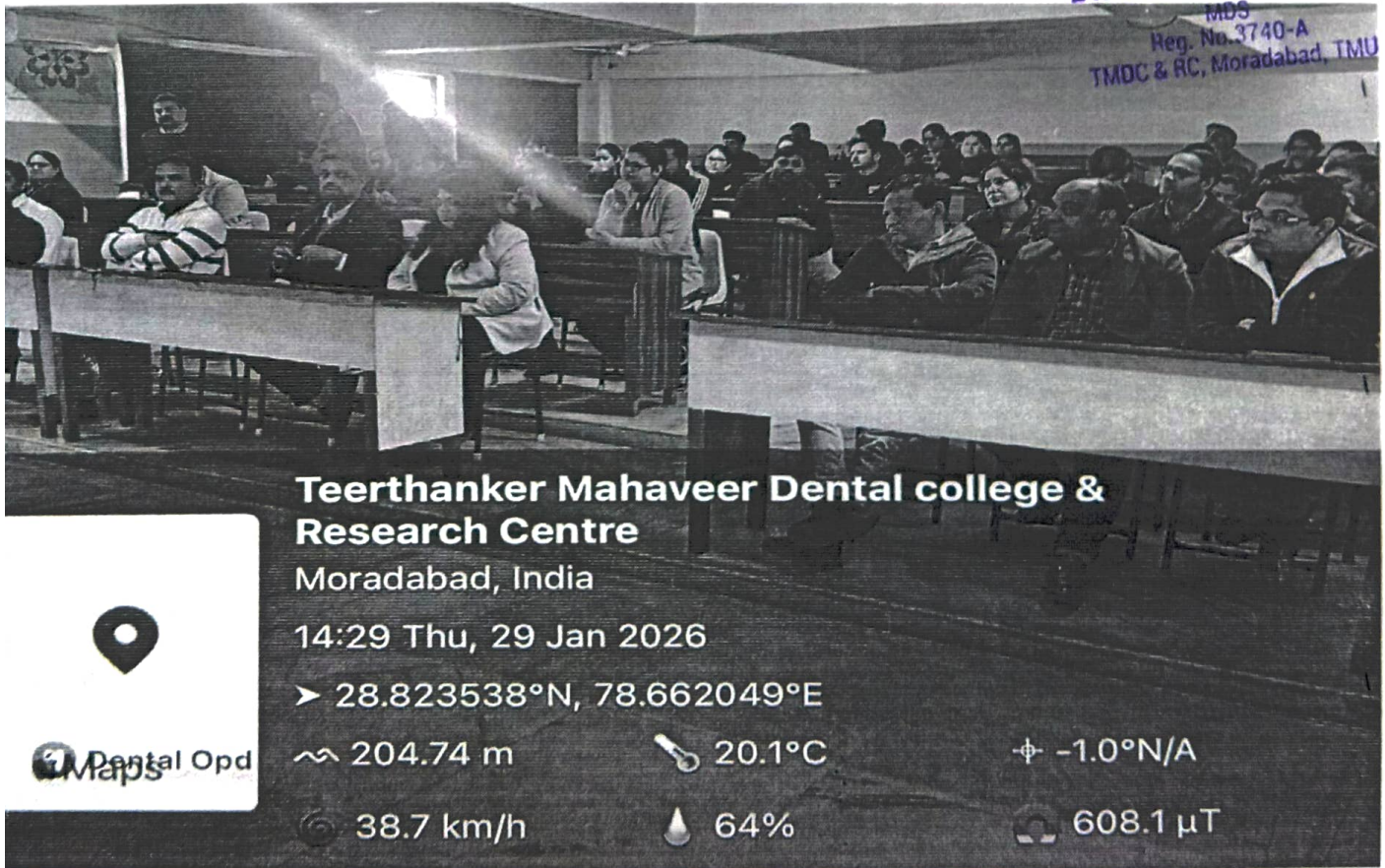
💧 64%

📶 612.5 μT

Apple Maps

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Teerthanker Mahaveer Dental college & Research Centre

Moradabad, India

14:29 Thu, 29 Jan 2026

➤ 28.823538°N, 78.662049°E

~ 204.74 m

🌡 20.1°C

⬆ -1.0°N/A

🌀 38.7 km/h

💧 64%

📶 608.1 μT

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Apple Maps

REPORT FORMAT

Name of Activity	Awareness session on Artificial Intelligence ethics, safety, sustainability and responsible use	
Date of Activity	07/02/2026	
Venue of Activity	Lecture theatre TMDCRC	
Duration of activity in mins	60 minutes	
Offline/Online	Offline	
Activity Conducted as Conference/Seminar/Workshop/F P/IIC Calendar activity/self- driven activity/celebration day activity	MIC Driven Activity	
Theme of activity & D and Innovation/startup/entrepreneurs ship/Design thinking and critical thinking/IPR/Skill enhancement	AI for Good: Ethics, Safety, Sustainability, and Responsible Innovation	
Name of the Convener	Dr. Pradeep Tangade, Dr. Ankita Jain	
Name of the Coordinator(s)	Dr. Nimish, Dr. Amrita, Dr. Haritma	
Name of Expert	Dr. Nimish, Dr. Amrita, Dr. Haritma	
Designation of Expert	Professor, Associate Professor	
Experts Organization	TMDCRC	
Total no. of Participants	70	
No of Student participants	65	
No of Faculty participants	5	
No of External participants (if any)	0	
Expenditure (Honorarium Form and Others Expenses. Attch all supporting bills.	None	
AIM of Activity	To educate participants about the ethical, safe, sustainable, and responsible use of Artificial Intelligence, enabling them to make informed decisions and use AI technologies thoughtfully in their personal and professional lives.	
Objectives of Activity	To build foundational awareness of Artificial Intelligence (AI) and its growing role in society, industry, and daily life	
Outcome of Activity	Learners will consistently achieve improved conceptual understanding and enhanced practical capability	
Keywords	Sustainability, Artificial Intelligence	
Social Media Link(Facebook)		
YouTube Link (If any)		
Brief report of Activity flyer and 5-10 photo of session		

Officiating Principal
Dr. Pradeep Tangade

MDS

Reg. No. 3740-A

Stamp: [Signature]

to be included in same)

Event Flyer

Photos:

Honorarium Form: None

Student List

Feedback: if any

Participants said the awareness session on Artificial Intelligence (AI) ethics, safety, sustainability, and responsible use was highly informative and relevant in today's rapidly evolving digital landscape. The session effectively highlighted the growing importance of ethical considerations in the development and deployment of AI technologies.

Brief report-

An awareness session on Artificial Intelligence (AI) ethics, safety, sustainability, and responsible use was conducted to educate participants on the growing impact of AI technologies in society. The session aimed to build a foundational understanding of how AI systems should be developed and deployed in a fair, transparent, and accountable manner.

The discussion on AI ethics highlighted key principles such as fairness, non-discrimination, transparency, and accountability. In the segment on AI safety, the focus was on ensuring that AI systems operate reliably and securely. Real-world examples demonstrated how unsafe AI practices can lead to unintended consequences.

The session also addressed sustainability in AI, emphasizing the environmental impact of large-scale computing and the need for energy-efficient models. Participants were encouraged to consider sustainable practices such as optimizing algorithms and reducing computational waste.

Finally, the importance of responsible AI use was discussed, stressing user awareness, regulatory compliance, and ethical deployment in various sectors. The session concluded with an interactive discussion, allowing participants to reflect on their roles in promoting ethical and responsible AI practices.

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Overall, the session was informative and engaging, equipping attendees with essential knowledge to navigate and contribute to the responsible development and use of AI technologies,

flyer



TMU/IIC/8.0/319

INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education, Government of India)

TEERTHANKER MAHAVEER UNIVERSITY, MORADABAD INSTITUTION'S INNOVATION COUNCIL (IIC)

Is Organizing

an Expert Talk on "AI Ethics, Safety, Sustainability, & Responsible Use"



Speaker
Dr. Amrita
Associate Professor
TMDCRC



Speaker
Dr. Haritma Nigam
Associate Professor
TMDCRC



Dr. Pradeep Tangade
Principal,
TMDCRC



Dr. Ankita Jain
Vice Principal,
TMDCRC



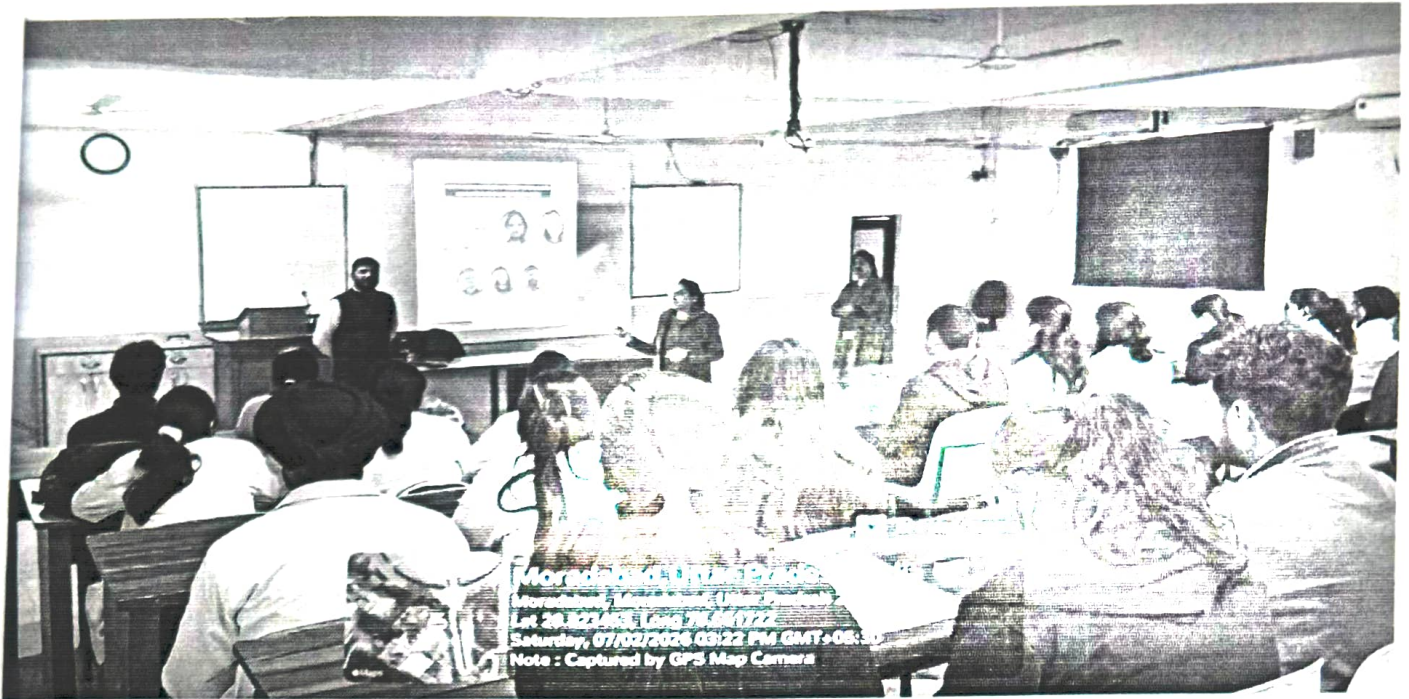
Dr. Nimish Agarwal
Event Organizer,
TMDCRC

DATE 07th February, 2026 | TIME 03 Pm Onwards | VENUE LT- 4

Participants will get an E-Certificates

Officiating Principal
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Reg. No. 99248-A
TMD & RC, Moradabad, TMU

PHOTOS



Officiating Principal
Dr. Pradeep Tangade
 MDS
 Reg. No.3740-A
 TMDC & RC, Moradabad, TMU



सूक्ष्म, लघु और मध्यम उद्यम संस्थान
MINISTRY OF
MICRO, SMALL & MEDIUM ENTERPRISES

U³ START
INUP



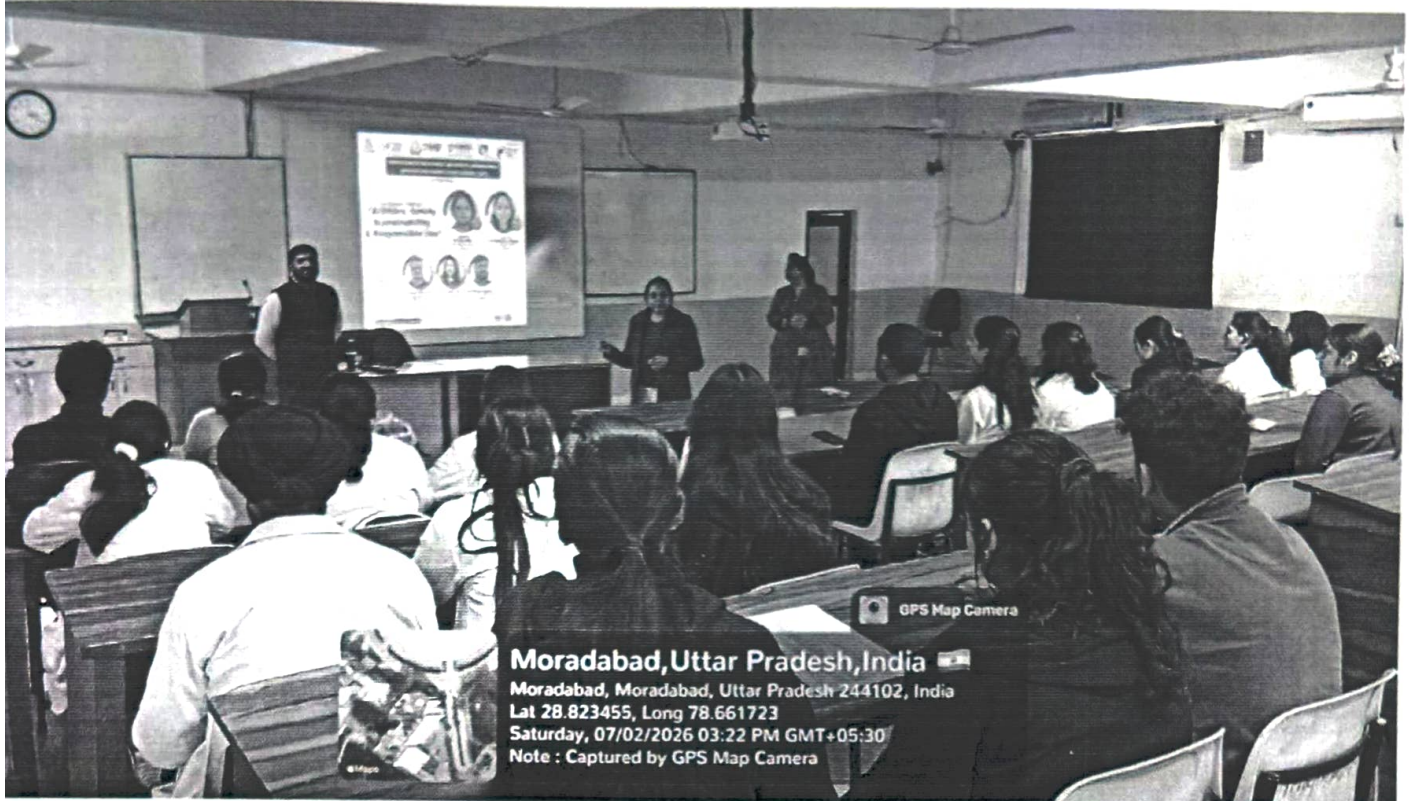
INSTITUTION'S
INNOVATION
COUNCIL



TEERTHANKER
MAHAVEER UNIVERSITY



TMU-BUSINESS INCUBATION CENTRE
Idem to action



Moradabad, Uttar Pradesh, India
Moradabad, Moradabad, Uttar Pradesh 244102, India
Lat 28.823455, Long 78.661723
Saturday, 07/02/2026 03:22 PM GMT+05:30
Note : Captured by GPS Map Camera

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REPORT FORMAT

Name of Activity	Approaches and innovations Dentinal Hypersensitivity cases
Date of Activity	29 January 2026
Venue of Activity	TMDCRC LT-2
Duration of activity in mins	60 min
Offline/Online	Offline
Activity Conducted as Conference/Seminar/Workshop/F P/IIC Calendar activity/self- driven activity/celebration day activity	Seminar
Theme of activity & D and Innovation/startup/entrepreneurs p/Design thinking and critical thinking/IPR/Skill enhancement	Skill enhancement
Name of the Convener	Dr Abhinay Agarwal, Dr Shalabh Mehrotra
Name of the Coordinator(s)	Dr Abhinay Agarwal, Dr Shalabh Mehrotra
Name of Expert	Dr Abhinay Agarwal, Dr Shalabh Mehrotra
Designation of Expert	Professors
Experts Organization	TMDCRC
Total no. of Participants	100
No of Student participants	60
No of Faculty participants	40
No of External participants (if any)	-
Expenditure (Honorarium Form and Others Expenses. Attch all supporting bills.	-
Form of Activity	To discuss Approaches and innovations Dentinal Hypersensitivity cases
Objectives of Activity	1.To elucidate the evolving biological and neuro-dentinal mechanisms underlying dentinal hypersensitivity, integrating contemporary concepts beyond the traditional hydrodynamic theory. 2.To critically appraise innovative diagnostic and clinical management strategies for dentinal hypersensitivity, including bioactive materials, minimally invasive protocols, and smart desensitizing technologies. 3.To develop an evidence-based, patient-centric

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	clinical approach for effective diagnosis, prevention, and long-term management of dentinal hypersensitivity in modern dental practice.
Outcome of Activity	- Participants will be able to explain contemporary biological and neuro-dental mechanisms of dentinal hypersensitivity, enabling improved differentiation from other causes of dental pain. - Participants will gain competence in selecting and applying innovative, evidence-based clinical interventions, including bioactive desensitizers, minimally invasive techniques, and preventive strategies tailored to individual patient profiles. - Participants will be able to formulate a structured, patient-centric clinical management protocol for dentinal hypersensitivity, enhancing treatment predictability, patient satisfaction, and long-term outcomes.
Keywords	Dentinal hypersensitivity, calcium sodium phosphosilicate
Social Media Link(Facebook)	https://www.instagram.com/p/DUCw9nuEvQn/?igsh=cmytdGInejZuNjNh
YouTube Link (If any)	
Brief report of Activity flyer and 5-10 photo of session (to be included in same)	

Event Flyer

Photos:

Honorarium Form:

Student List

Feedback: if any

Brief report-

An academic activity focusing on dentinal hypersensitivity (DH) was conducted to enhance understanding of its etiology, diagnosis, and modern management strategies. The session aimed to integrate conventional approaches with recent innovations in treatment.

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Activity-overview

The session included a presentation, case-based discussions, and a review of current literature. Participants examined clinical cases involving dentinal hypersensitivity and proposed management plans based on severity and patient-specific factors.

Outcomes:

Participants demonstrated improved understanding of diagnosis and treatment planning. The integration of innovative materials and techniques was recognized as effective in enhancing patient outcomes.

Conclusion:

The activity highlighted that successful management of dentinal hypersensitivity requires a combination of preventive care, accurate diagnosis, and the use of both established and emerging treatment modalities. Continuous advancements in dental materials and technology are proving the effectiveness and durability of treatment.

FEEDBACK

The activity on dentinal hypersensitivity was informative, well-structured, and clinically relevant. It successfully combined theoretical knowledge with practical insights, making it beneficial for participants.


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REPORT FORMAT

Name of Activity	Building innovative skills for effective placement of stainless steel crowns
Date of Activity	22/01/2026
Venue of Activity	
Duration of activity in mins	
Offline/Online	Online
Activity Conducted as Conference/Seminar/Workshop/FIP/IIC Calendar activity/self-driven activity/celebration day activity	IIC Calendar Activity, Workshop
Theme of activity & D and Innovation/startup/entrepreneurship/Design thinking and critical thinking/IPR/Skill enhancement	Mastering precision and speed in stainless steel crown placement
Name of the Convener	Dr. Rachana Bahuguna
Name of the Coordinator(s)	Dr. Amrita
Name of Expert	Dr. Neeraj Gugnani
Designation of Expert	Professor
Experts Organization	DAV Dental College Yamunanagar, Haryana
Total no. of Participants	79
No of Student participants	69
No of Faculty participants	10
No of External participants (if any)	2
Expenditure (Honorarium Form and Others Expenses. Attch all supporting bills.	None
Form of Activity	Adopting sustainable and innovative techniques
Objectives of Activity	Develop the ability to choose stainless steel crowns based on diagnosis, tooth condition, and treatment planning.
Outcome of Activity	Learners will consistently achieve well fitting stainless steel crown with proper contour, crimping, and marginal adaptation.
Keywords	Sustainable, innovative
Social Media Link(Facebook)	https://www.instagram.com/p/DTvLSI-krfD/?igsh=MTc1eHQ5NHY2azlwbQ==
YouTube Link (If any)	
Brief report of Activity	
Hyper and 5-10 photo of session to be included in same)	

Officiating Principal
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TMDC & RC, Moradabad, TMU

rent Flyer

otos:
onorarium Form: None
udent List
edback: if any



TMU/IIC/8.0/281

TEERTHANKER MAHAVEER UNIVERSITY, MORADABAD INSTITUTION'S INNOVATION COUNCIL (IIC)

Is Organizing a

Workshop on: " BUILDING INNOVATIVE SKILLS FOR EFFECTIVE PLACEMENT OF STAINLESS STEEL CROWNS"



Guest Speaker
Dr. Neeraj Gugnai
Professor
Department of Pediatric and
Preventive Dentistry,
DAV Dental College
Yamunanagar, Haryana



Dr. Pradeep Tangade
Principal,
TMDCRC



Dr. Ankita Jain
Vice Principal,
TMDCRC



Dr. Rachna Bahuguna
HOD, Pediatric and Preventive
Dentistry



Dr. Kapil Dev Gupta
Professor, Dept. of
Pediatric and Preventive Dentistry



Dr. Amrita
IIC Co-ordinator
TMDCRC

DATE
22 January, 2026

TIME
10 am Onwards

VENUE
Online Mode

Participants will get an E-Certificates

Sustainable Development Goals



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TMDC & IIC, Moradabad, U.P.



Video link- https://drive.google.com/file/d/1-HF9Yqy_ECJ8s0cZdaT2JiZd2xrP_2P/view?usp=sharing_eil_se_dm&ts=69abdb3a

Brief report-

Title of Activity: Workshop on Innovative Skills for Placement of Stainless Steel Crowns

Date: 22/01/2026

Participants: Dental students, post graduates, faculty members

Resource Person: Dr. Neeraj Gugnani

Introduction

An academic event titled “**Innovative Skills in the Placement of Stainless Steel Crowns**” was conducted with the objective of enhancing clinical knowledge and practical skills among dental students and professionals. Stainless steel crowns (SSCs) are widely used in pediatric dentistry for the restoration of primary teeth with extensive caries or structural damage. The event aimed to provide participants with updated techniques, clinical guidelines, and innovative approaches for efficient crown placement.

Objectives of the Event

The main objectives of the program were:

- To provide theoretical knowledge regarding stainless steel crowns and their clinical indications.
- To demonstrate innovative techniques for crown selection, trimming, and placement.
- To improve practical skills in pediatric restorative procedures.
- To encourage evidence-based clinical practices among dental students and practitioners.

Resource Person / Speaker

The session was led by **Dr. Neeraj Gugnani**, a specialist in **Pediatric and Preventive Dentistry**, who has extensive clinical experience in restorative procedures for children.

Learning Outcomes

At the end of the event, participants were able to:

- Understand the clinical significance of stainless steel crowns in pediatric dentistry.
- Identify appropriate cases for SSC placement.
- Perform correct tooth preparation and crown adaptation.
- Apply innovative techniques to improve clinical efficiency and patient outcomes.

Deputy Principal
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Feedback from Participants

Feedback from the Participants

Participants provided positive feedback regarding the interactive nature of the session, the clarity of demonstrations, and the opportunity for hands-on practice. Many participants expressed that the workshop significantly improved their confidence in performing stainless steel crown placement.

Conclusion

The event on “**Innovative Skills in the Placement of Stainless Steel Crowns**” was highly informative and beneficial for dental students and practitioners. It successfully enhanced participants’ theoretical understanding and practical competence in SSC placement. Such academic programs play a crucial role in bridging the gap between theoretical knowledge and clinical practice in dentistry.


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TEERTHANKER MAHAVEER UNIVERSITY, MORADABAD
INSTITUTION'S INNOVATION COUNCIL (IIC)

Is Organizing

an Expert Talk on
**"AI Ethics, Safety,
 Sustainability,
 & Responsible Use"**



Speaker
Dr. Haritma Nigam
 Associate Professor
 TMDCRC



Speaker
Dr. Amrita
 Associate Professor
 TMDCRC



Dr. Pradeep Tangade
 Principal,
 TMDCRC



Dr. Ankita Jain
 Vice Principal,
 TMDCRC



Dr. Nimish Agarwal
 Event Organizer,
 TMDCRC

Dr. Pradeep Tangade

Officiating Principal
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 TMDC & RC, Moradabad, TMU

DATE 07th February, 2026 | TIME 03 Pm Onwards | VENUE LT- 4

Participants will get an E-Certificates



TEERTHANKER MAHAVEER UNIVERSITY, MORADABAD

INSTITUTION'S INNOVATION COUNCIL (IIC)

Is Organizing a

Workshop on:

" BUILDING INNOVATIVE SKILLS

FOR EFFECTIVE PLACEMENT

OF STAINLESS STEEL CROWNS"



Guest Speaker

Dr. Neeraj Gugnai

Professor

Department of Pediatric and Preventive Dentistry,

DAV Dental College

Yamunanagar, Haryana



Dr. Pradeep Tangade

Principal,

TMDCRC



Dr. Ankita Jain

Vice Principal,

TMDCRC



Dr. Rachna Bahuguna

HOD, Pediatric and Preventive Dentistry



Dr. Kapil Dev Gupta

Professor, Dept. of Pediatric and Preventive Dentistry



Dr. Amrita

IIC Co-ordinator

TMDCRC

DATE

22 January, 2026

TIME

10 am Onwards

VENUE

Online Mode

Participants will get an E-Certificates

Officiating Principal

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Reg. No.3740-A

TMDC & RC, Moradabad, TMU

TEERTHANKER MAHAVEER UNIVERSITY, MORADABAD INSTITUTION'S INNOVATION COUNCIL (IIC)

Is Organizing a workshop on “From Idea to Innovation : Intellectual Property Protection and Management in Modern Startup-Ups”



Speaker
Dr. Umesh kumar KU
IP Manager,
TMU



Dr. Pradeep Tangade
Principal
TMDCRC



Dr. Ankita Jain
Vice Principal
TMDCRC



Dr. Nimish Agarwal
Professor
Department of Oral Surgery
TMDCRC



Dr. Haritma Nigam
Associate Professor
Department of Oral Medicine & Radiology
TMDCRC



Dr. Amrita
Associate Professor
Department of Periodontics
TMDCRC



DATE
29th May, 2026



TIME
3:00PM Onwards

MODE
Offline

Sustainable Development Goal



Participants will get an E-Certificates

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TMDC & RC, Moradabad, TMU

a Expert Talk on **"Approaches and Innovations in Dentine Hypersensitivity Care"**

Is Organizing

TEERTHANKER MAHAVEER UNIVERSITY, MORADABAD
INSTITUTION'S INNOVATION COUNCIL (IIC)

Speaker
Dr Abhinav Agrawal
Professor,
Dept. of Conservative
Dentistry & Endodontics

Speaker

Dr Shalabh Mehrotra
Professor &
Head of Dept.
of Periodontics

Dr Pradeep Tangade
Principal,
TMDCRC

Dr Ankita Jain
Vice Principal,
TMDCRC

Dr Atul Jain
Professor & Head,
Dept. of Conservative
Dentistry & Endodontics

Dr Saleem Athar
Professor,
Dept. of Conservative
Dentistry & Endodontics

Dr. Rojesh Pathak
Professor,
Dept. of
Periodontics

Dr Haritima Nigam
IC Co-ordinator
TMDCRC

DATE
28th January, 2026

TIME
01 Pm onwards

VENUE
LT-2

Official Principal,
Dr. Pradeep Tangade
MDS
Reg. No. 374
TMDC & RC, Moradabad, TMU

Participants will get on E-Certificates

Sustainable Development Goals



Annexure: 3.4 No. of workshops conducted on IPR & Industry-Academic Innovative practices

Name of the Activity	Duration (in No. of days)	Start Date (DD-MM-YYYY)	End date (DD-MM-YYYY)	Number of Participants
Expert Talk on “From Classroom to Impact: Transforming Curiosity into Dental Research and Innovation”	1	9/23/2026	9/23/2026	70
Guest Lecture on “Making Sense of Data: The First Step in Research & Development”	1	9/30/2026	9/30/2026	81