INSTITUTE OF DENTAL SCIENCES, INTELLECTUAL PROPERTY RIGHTS POLICY

BAREILLY INTERNATIONAL UNIVERSITY

(Established Under Govt. of U.P. Act 26 of 2016)

Pilibhit Bypass Road, Bareilly-243006 (U.P) India

Policy on Intellectual Property Rights (IPR) and Consultancy

Purpose

This policy establishes a framework for managing Intellectual Property Rights (IPR) and consultancy activities at Bareilly International University, Bareilly. It defines guidelines for revenue sharing, capacity building, and the development of a sustainable environment for research, innovation, and consultancy.

Objectives

1. To promote and safeguard intellectual property created within the university.
2. To encourage faculty, staff, and students to engage in consultancy projects and contribute to knowledge transfer.
3. To ensure equitable revenue sharing between the institution and individuals.
4. To build capacity through training programs for effective participation in IPR and consultancy activities.
5. To strengthen industry-academia collaboration for mutual benefit.

Scope

This policy applies to:

- Faculty members (full-time, part-time, and visiting).
- Non-teaching staff involved in consultancy or IPR-related projects.
- Students (undergraduate, postgraduate, and research scholars).
- External collaborators engaged in joint projects with the university.

Policy Guidelines

1. Intellectual Property Rights (IPR)

1. **Ownership of IP:**
   - Intellectual property created using university resources or during official assignments will be co-owned by the university and the creators.
   - For externally funded projects, ownership will follow the agreement terms with funding agencies.
2. **Revenue Sharing for IP Commercialization:**
   - The revenue generated from the commercialization of IP (e.g., patents, copyrights, trademarks) will be shared between the university and the creator(s).
   - *A typical revenue-sharing model:*
     - 60% to the creator(s).
     - 40% to the university for infrastructure and administrative support.
   - For collaborations with external parties, revenue sharing will adhere to mutually agreed terms.

3. **Support for IP Filing:**
    - The university will provide financial and administrative support for filing patents, copyrights, and trademarks.
    - Incentives will be given for granted patents and other IP assets.

2. Consultancy Activities

1. **Encouragement of Consultancy Projects:**
    - Faculty and staff are encouraged to undertake consultancy projects with industry, government organizations, and other external entities.
    - Projects must align with the university's mission and ethical standards.
2. **Revenue Sharing for Consultancy Services:**
    - Revenue from consultancy projects will be shared as follows:
        - 70% to the individual(s) involved.
        - 30% to the university for administrative and infrastructure costs.
    - Adjustments may be made based on the complexity and scale of the project.
3. **Approval Process:**
    - All consultancy projects must be approved by the university's designated committee or authority.
    - Agreements must specify project scope, deliverables, timelines, and financial arrangements.

3. Capacity Building Programmes

1. **Training for Teachers, Students, and Staff:**
    - Regular workshops and seminars on IPR, consultancy, and commercialization practices.
    - Specialized training on legal aspects of IPR, technology transfer, and drafting consultancy agreements.
2. **Collaboration with Experts:**
    - Partnerships with IPR attorneys, industry leaders, and funding agencies for knowledge sharing.
    - Access to mentorship and networking opportunities for capacity building.
3. **Awareness Drives:**
    - Organizing awareness campaigns on the importance of IPR and consultancy.
    - Disseminating success stories of consultancy projects and IP commercialization to motivate stakeholders.

Governance and Administration

1. **IPR and Consultancy Cell:**
    - A dedicated cell will oversee all IPR and consultancy-related activities, including policy implementation, agreement approvals, and revenue sharing.

- The cell will act as a liaison between the university, creators, and external stakeholders.

2. **Monitoring and Review:**
   - Periodic reviews of the policy will be conducted to incorporate updates and address challenges.
   - Annual reporting on consultancy projects, IP filings, and revenue generated.

Implementation Framework

1. **Infrastructure Support:**
   - Setting up an IPR filing assistance desk and consultancy facilitation office.
   - Providing access to tools, software, and resources required for consultancy and IP creation.
2. **Financial Assistance:**
   - Allocating funds for IP filing and promotion.
   - Offering seed grants for exploratory consultancy projects.
3. **Documentation and Record Keeping:**
   - Maintaining detailed records of IP assets and consultancy projects for transparency.
   - Ensuring confidentiality and compliance with legal agreements.

Revenue Utilization

- The university's share of revenue will be reinvested in research infrastructure, training programs, and promoting consultancy activities.

Accessibility and Transparency

- The policy will be available on the university's website under the "Research and Consultancy" section.
- Periodic updates and achievements will be shared with stakeholders via official channels.

Conclusion

This policy reflects the university's commitment to fostering a culture of innovation and professional engagement. By promoting IPR and consultancy, the university aims to contribute to societal and economic development while empowering its stakeholders.

INSTITUTE OF DENTAL SCIENCES

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Phone : 0581-2526244 (Reception), 2526051 (Office)
Website : www.idsbareilly.in, e-mail : info@idsbareilly.in

INTELLECTUAL PROPERTY RIGHTS POLICY

To address societal demand and issues, the Institute of Dental Sciences, Bareilly, is concentrating on research and innovations using cutting-edge Technologies. Faculties support of many companies, medical fields and other Research organizations is encouraged by the institute

1. Objectives:

The Institute of Dental Sciences acknowledges consultation work as an essential component of the institute's operations. Examples of such work include joint projects, Technology training, emergency medical support and the sharing of infrastructure, facilities and knowledge with other organizations, etc.

2. Support / Assistance given to Staffs:

- Assistance with legal needs, particularly about patenting and other associated matters.
- Availability of institute's amenities.
- An association of industry specialists to create trustworthy solutions.
- Assistance with travel for data gathering and surveys
- Workload Relaxation: If authorities have provided their previous consent, academic and administrative workloads may be relaxed throughout the project implementation phase.

3. The proposal should address the following constraints

3.1 The project's budget: it is dependent on calculations of man hours and the materials, components, and testing facts

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t: Number of Man Hours

Mc: Materials / Components Cost

EBc= Electricity Charges

Oc= Other Charges

STc= Stationary Charges

Ic= Institutional Charges

3.2. Project duration: The expert team may suggest project duration based on the project.

3.3. Documentation recording and storage: every document needs to be accurately checked and prepared for audits and future reference.

4. Utilisation of revenue from consultancy: Priority will be given to covering the Institute's research expenses out of any revenue from authorized Consulting Services. Faculty and Institute split activities, experiments, model production and Downtime according to a pre-determined ratio. The departmental budget will include the reported institutional overheads. Additionally, any access or deficit upon project completion will be properly accounted for and a report will be generated for the same.

5. Kinds of IPR

A. Patents: The patent right gives legal protection for inventions for 20 years until they reach commercialization or rights to sell, use, or distribute and can be done only with the concern of the patent owners. The protection prevents others from using, selling or making an invention for 20 years. The patent right after 20 years enters the public domain and can no longer be claimed by the patent owner. The basis on which patent ability lies is novelty, inventive step and industrial applicability. Institute of Dental Sciences encourages the faculty and students to file their innovations for patent, support and guide them to file a patent.

B. Copyright: The copyright is a right to create, print, publish and sell copies or translate his or her original work like poems, novels, dramatic and music-like compositions, choreography and artistic works like painting, drawing, sculpture, architecture, photography and advertisements. Copyright provides economic rights to the creator with financial benefits that last for 50 years, even after the demise of the creator. Institute of Dental Sciences encourages the faculty and students to file a copyright with relevance to the unique slogan logo, textbook, etc., made by them.

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6. Registering IPR:

- Fill out the application form – by the applicant and the agent.
- A statement by the applicant explaining the uniqueness of the invention is to be attached.
- After the examiner evaluation, any deficiencies are to be corrected and submitted within one month
- A group of examiners will assess the accuracy, and validity and then issue an examination report.
- Any objection or issue raised by the Registrar will be communicated with a show cause notice.
- When the Registrar approves and accepts, the application gets published in the IPR journal within three months.
- Any person having any objection to the application or another inventor with a similar product must submit the opposition notice within three months.
- In that case, the counter-statement has to be given by the registrar within two months.
- If you fail to submit it, it becomes a fortified application. Once the IPR application is accepted as a C setting, the rightful owner of the IPR is received by the applicant.

Date:

Place:

PRINCIPAL

Bareilly International University,
Bareilly

Activity Report Format

Academic Session : 2023-24

(Submitted to IQAC by Department/ Institute)

Name of Department / Institute	Department of Oral Pathology		
Name of Dean/ Principal	Dr. Sathyajith Naik N		
Coordinator/ Convener of the activity	Dr. Madhusudan Astekar		
Email ID and contact number of Convener of the activity	Official email id:	Madhu.tasu@gmail.com	
	Contact No.:	7599247899	
Name of the Activity/ Program/ Event/ Function	Seminar on "Art of writing patents and copyrights"		
Date(s) and day of the activity	10.8.2023		
Venue of the activity	Conference hall, Periodontia		
Relevant documents (please√ the relevant)	Circular	~~Yes~~ / No	
	Brochure	~~Yes~~ / No	
	No of participants along with List		Yes / No
	Attendance sheet(s)	Yes / No	
	Report of the event (along with ***Geotagged*** photographs) (1-4, depicting the event)	Yes / No	
	Certificate(s)* (5 Sample photocopies)	Yes / No	
	Other document (if any) Attach the document		
Any other relevant information			

* Provide the "Signed" soft and hard copy of all requisite documents

* If Certificates/ any other document not provided/ not applicable: kindly mention.

11/08/24

(Principal/Dean)

(Coordinator/ Convener of the Activity)

Bareilly International University,
Bareilly

Activity Report Format

Academic Session : 2023-24

(Submitted to IQAC by Department/ Institute)

Name of Department / Institute	Department of Oral Pathology		
Name of Dean/ Principal	Dr. Sathyajith Naik N.		
Coordinator/ Convener of the activity	Dr. Madhusudan Astekar		
Email ID and contact number of Convener of the activity	Official email id:	Madhu.tasu@gmail.com	
	Contact No.:	7599247899	
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	Other document (if any) Attach the document		
Any other relevant information			

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11/08/24

(Principal/Dean)

(Coordinator/ Convener of the Activity)

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Seminar on Art of writing patents and copyrights
Report

On 10.8.2023, a seminar on "The Art of Writing Copyrights and Patents" was held at Institute of Dental Sciences, Bareilly. The event brought together experts in intellectual property law, writers, and innovators to discuss the intricacies of copyright and patent writing. This report summarizes the key takeaways from the seminar. Dr. A.K. Goel, MDS Prosthodontics was the guest speaker for the day

He emphasized the importance of understanding copyright basics, including what can be copyrighted, fair use, and the process of registering a work and focused on the art of writing patent claims, highlighting the significance of clarity, specificity, and strategic claim drafting.

Key Takeaways

- Copyright Essentials:
  - Originality is crucial for copyright protection.
  - Fair use provisions allow for limited use of copyrighted material without permission.
  - Registration provides legal evidence of ownership.
- Patent Writing:
  - Patent claims define the scope of protection.
  - Clarity and specificity are essential to avoid ambiguity.
  - Strategic claim drafting can make or break a patent's value.
- Best Practices:
  - Document everything, including creative processes and iterations.
  - Understand the differences between copyrights, patents, and trademarks.
  - Seek professional help when navigating complex IP issues.

Conclusion

The seminar provided valuable insights into the art of writing copyrights and patents. Attendees gained a deeper understanding of the complexities and nuances of intellectual property law, equipping them with the knowledge to better protect their creative works and innovations.

Recommendations

- Further education and training on IP law and best practices.
- Increased collaboration between IP professionals, writers, and innovators.
- Ongoing discussions on emerging trends and challenges in IP protection.

By implementing these takeaways, individuals and organizations can better navigate the intricate world of copyrights and patents, safeguarding their intellectual property and fostering innovation.

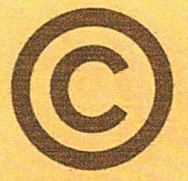
Date: 10.8.2023

Coordinator

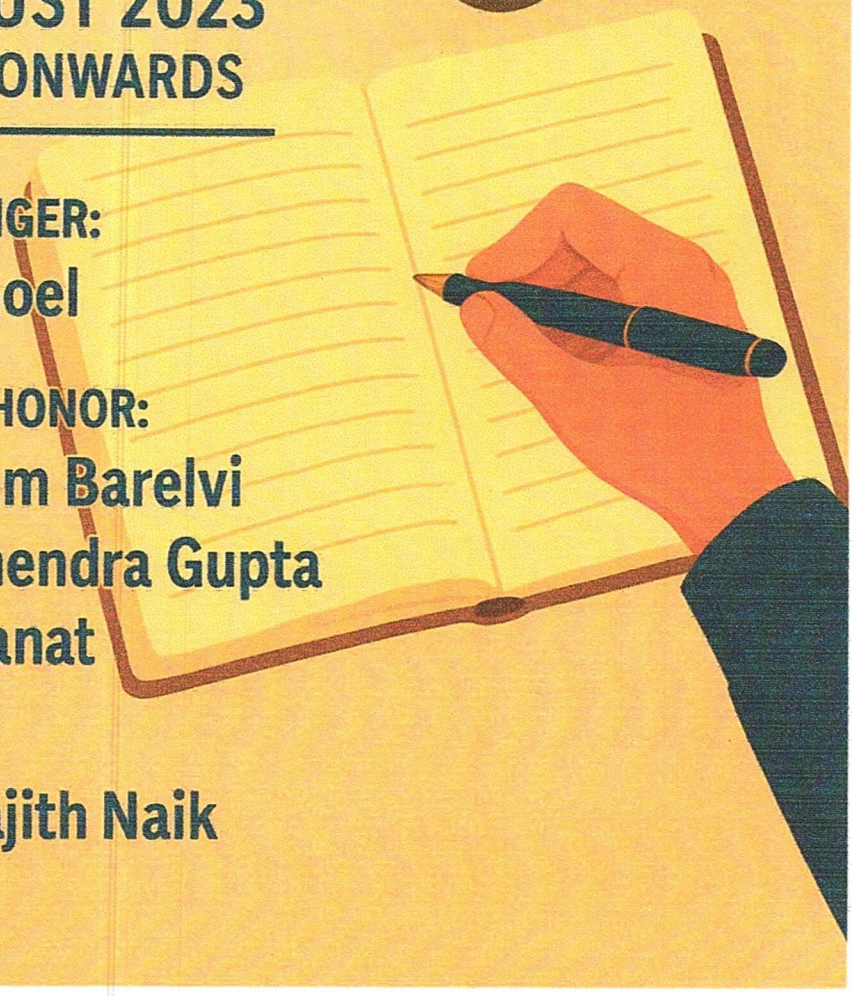
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Institute of Dental Sciences, Bareilly

THE ART OF WRITING COPYRIGHT AND PATENT



10 AUGUST 2023
9.30 AM ONWARDS



GUEST SPEHGER:
Dr. A. K. Goel

GUESTS OF HONOR:
Dr. Waseem Barelvi
Dr. Dharmendra Gupta
Dr. S.R. Panat

PRINCIPAL
Dr. Sathyajith Naik

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Talk on Art of Writing Patent & Copyrights

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List of Participants
Patent Writing and
Copyright Webinar.

S.No.	Name
1	Dr. Swarndeep
2	Dr. Pallavi
3	Dr. Ritika Tewari
4	Dr. Ankur Joshi
5	Dr. Shubham Shukla
6	Ravi Bumrah
7	Dr. Ipsita Mangla
8	Dr. Palak Jain
9	Dr. Aishwarya Shrikant Palsodkar
10	Dr. Shilpa Rajput
11	Dr. Meghna Bhargava
12	Dr. Vaishnavi
13	Dr. Sana Saifi
14	Dr. Saumya Singh
15	Dr. Archita Goel
16	Khushi Pachouri
17	Dr. Ritika Tiwari
18	Dr. Jemima Talukdar
19	Dr. Ilma Khan
20	Dr. Saqib
21	Dr. Bhavya Agarwal
22	Dr. Kaushal Jha
23	Ashutosh Gupta
24	Dr. Mainak Datta
25	Dr. Vidhina
26	Dr. Manoj Gupta
27	Dr. Neeraj Chandra
28	Dr. Jyoti Singh
29	Dr. Sajal Agarwal
30	Dr. Resham Payak
31	Dr. R.H. Reiveinai
32	Dr. Debipriya Ghosh
33	Dr. Farah Fahad
34	Dr. Yogesh Chandra
35	Dr. Zuhaib Azam
36	Dr. Anurag Agarwal
37	Dr. Anugrah Saxena
38	Dr. Meenal Airan
40	Major (Dr.) Anubhav Chakrobarty
41	Dr. Kamal Kishore Raj
42	Dr. Imran Asif
43	Dr. Alok Chauhan
44	Dr. Nupur Gupta
45	Dr. Harish Harlalka
46	Dr. Prasad Gangthade
47	Dr. Lalit Agarwal

Bareilly International University,
Bareilly

Activity Report Format

Academic Session : 2024 – 25

(Submitted to IQAC by Department/ Institute)

Name of Department / Institute	Department of Periodontics		
Name of Dean/ Principal	Dr. Sathyajith Naik N.		
Coordinator/ Convener of the activity	Dr. Rika Singh		
Email ID and contact number of Convener of the activity	Official email id:	rikasingh22@gmail.com	
	Contact No.:	9458411133	
Name of the Activity/ Program/ Event/ Function	Seminar on Intellectual property rights		
Date(s) and day of the activity	2.3.24		
Venue of the activity	Periodontics Seminar Room		
Relevant documents (please√ the relevant)	Circular ✓	Yes / No	
	Brochure ✓	Yes / No	
	No of participants along with List		Yes / No
	Attendance sheet(s)	Yes / No	
	Report of the event (along with ***Geotagged*** photographs) (1-4, depicting the event)	Yes / No ✓	
	Certificate(s)* (5 Sample photocopies)	Yes / No	
	Other document (if any) Attach the document		
Any other relevant information			

* Provide the "Signed" soft and hard copy of all requisite documents

* If Certificates/ any other document not provided/ not applicable: kindly mention.

(Principal/Dean)

(Coordinator/ Convener of the Activity)

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Seminar on Intellectual Property Rights Report

A seminar on Intellectual Property Rights (IPR) was held on 2.3.24 to educate participants on the importance of protecting creative works, innovations, and brands. The seminar covered various aspects of IPR, including patents, trademarks, copyrights, and industrial designs. Guest speaker for the day was Dr. Shalabh Mehrotra, Prof and Head, Dept of Periodontics, TMU College.

Key Takeaways

1. Importance of IPR: Intellectual Property Rights play a crucial role in promoting innovation, creativity, and economic growth. They provide exclusive rights to creators and inventors, enabling them to benefit from their work.
2. Types of IPR: The seminar discussed various types of IPR, including:
   - Patents: Protecting inventions and innovations.
   - Trademarks: Protecting brand names, logos, and symbols.
   - Copyrights: Protecting literary and artistic works.
   - Industrial Designs: Protecting the visual appearance of products.
3. Benefits of IPR Protection: IPR protection encourages innovation, investment, and competition. It also helps to prevent unauthorized use, piracy, and counterfeiting.
4. Challenges and Opportunities: The seminar highlighted the challenges of enforcing IPR in the digital age, as well as opportunities for growth and development through effective IPR management.

Conclusion

The seminar on Intellectual Property Rights provided valuable insights into the importance of protecting creative works and innovations. Participants gained a better understanding of the different types of IPR and the benefits of protection. By understanding and respecting IPR, individuals and organizations can promote innovation, creativity, and economic growth.

Recommendations

1. Raise Awareness: Increase awareness about the importance of IPR among creators, inventors, and businesses.
2. Develop IPR Strategies: Encourage individuals and organizations to develop effective IPR strategies to protect their creative works and innovations.
3. Enforce IPR: Strengthen IPR enforcement mechanisms to prevent unauthorized use and piracy.

By implementing these recommendations, we can promote a culture of innovation, creativity, and respect for intellectual property rights.

Date: 2.3.2024

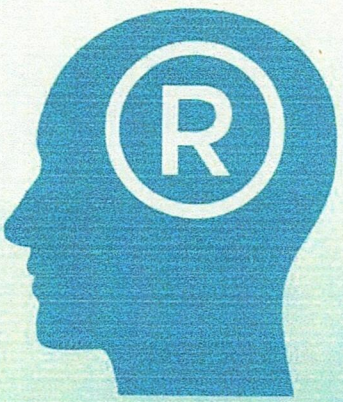
Coordinator

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INSTITUTE OF DENTAL SCIENCES, BAREILLY

presents a seminar on

INTELLECTUAL PROPERTY RIGHTS





UNDERSTANDING ITS ROLE IN DENTAL RESEARCH & INNOVATION

2nd March 2024 **9.30 AM onwards**

Venue: Auditorium, Institute of Dental Sciences, Bareilly

GUEST SPEAKER:

DR. SHALABH MEHROTRA

MDS, Periodontics

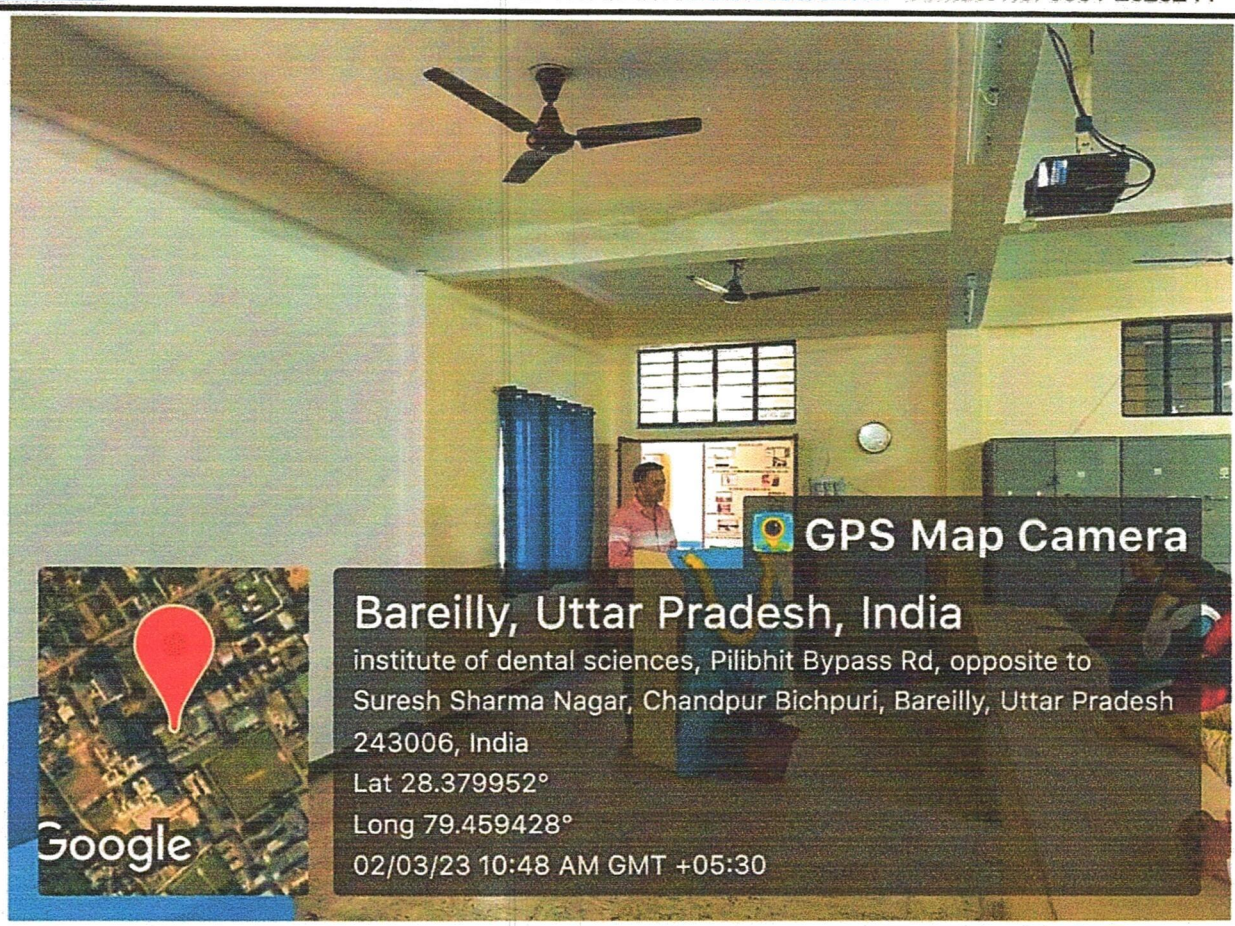
Join us for an enlightening session on protecting innovations and creative work in dentistry, Enhance your legal awareness and research protection knowledge!

ALL STUDENTS, FACULTY & RESEARCHERS ARE CORDIALLY INVITED!

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*PARTICIPATION CERTIFICATES WILL BE PROVIDED

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Talk on Intellectual Property Rights

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Oral And Maxillofacial Surgery

1	Dr. S. Gokkulkrishnan	Professor & H.O.D	
2	Dr. Niranjana Prasad	Professor	
3	Dr. Himanshu Pratap Singh	Professor	
4	Dr. Archana Chaurasia	Reader	
5	Dr. Bhart Vashishat	Lecturer	
6	Dr. Jitendra Kr. Diwakar	Lecturer	
7	Dr. Deeksha Sharma	PG 3rd Year	
8	Dr. Deep Chakrabotty		
9	Dr. Jayant Verma		
10	Dr. Sabnam Ahmed		
11	Dr. Shruti Tyagi		
12	Dr. Shyam Sundrani		
13	Jiyanshu Raj	PG 2nd Year	
14	Kamil Khan		
15	Khushnud Alam		
16	Namrata Singh		
17	Sanyam Jain		
18	Suman Lata		
19	Anvesha Priya	PG 1st Year	
20	Ashish Kumar		
21	Holambe Dipali Kalidas		
22	Maanketu		
23	Priyankur Omer		
24	Shadab Salam		

Oral Pathology & Microbiology

1	Dr. Madhusudan Astekar	Professor & H.O.D	
2	Dr. Gaurav Sapra	Professor	
3	Dr. Ashutosh Agarwal	Professor	
4	Dr. Aditi Murari	Professor	
5	Dr. Sonal Upadhyay	PG 3rd Year	
6	Dr. Suchita Roy		
7	Banshika	PG 2nd Year	
8	Disha Naresh		

Orthodontics and Dentofacial Orthopedics

1	Dr. Priti Bhattacharaya	Professor & H.O.D	
2	Dr. Ankur Gupta	Professor	
3	Dr. Ravi Bhandari	Reader	
4	Dr. Shivani Singh	Reader	
5	Dr. Resham Irshad	Lecturer	
6	Dr. Aakansha Anthwal	PG 3rd Year	
7	Dr. Abhishek Singh		
8	Dr. Umi Mittal		
9	Anup Anil Oza	PG 2nd Year	
10	Deepika Yadav		

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Sl. No.	Name of Faculty & PG Students	Designation	Signature
	Conservative Dentistry and Endodontics		
1	**Dr. Manoj Kumar Hans**	**Professor & H.O.D**	
2	**Dr. Chandra Vijay Singh**	**Professor**	
3	**Dr. Rahul Pandey**	**Reader**	
4	**Dr. Lalit Kr. Agarwal**	**Reader**	
5	**Dr. Nirma Bharati**	**Lecturer**	
6	**Dr. Suyash Pratap Singh**	**Lecturer**	
7	Dr. Alka Shankar Prasad Sharma	PG 3rd Year	
8	Dr. Sana Saifi		
9	Dr. Shubham Shukla		
10	Dr. Soumya Mishra		
11	Dr. Sumant Raj		
12	Dr. Vaishnavi Gupta		
13	Debipriya Ghosh	PG 2nd Year	
14	Harish Harlalka		
15	Ipsita Mangla		
16	Jyoti Singh		
17	Mainak Datta		
18	R H Reiveinai		
19	Archita Goel	PG 1st Year	
20	Gangthade Prasad Ramesh		
21	Palak Jain		
22	Palsodkar Aishwarya Shrikant		
23	Sajal Agrawal		
24	Saumya Singh		
	Oral Medicine and Radiology		
1	**Dr. Ashish Aggarwal**	**Professor & H.O.D**	
2	**Dr. Nitin Upadhyay**	**Professor**	
3	**Dr. Sowmya G.V.**	**Professor**	
4	**Dr. Nupur Agarwal**	**Professor**	
5	**Dr. Ankit Rathore**	**Lecturer**	
6	Dr. Fatima Injela Khan	PG 3rd Year	
7	Arifa Naaz	PG 2nd Year	
8	KBA Kader		
9	Shreya Verma		
10	Juhi Srivastava	PG 1st Year	
11	Ravi Kumar		
12	Riya Nayal		

Revenue generated from advisory / R&D consultancy projects(exclude Patients consultancy) including Clinical trials during the last five years 3.5.2.1 Total amount generated from consultancy year-wise during the last five years (INR in lakhs)

Year	Amount(INR in lakhs)
2024-25	0.77
2023-24	...
2022-23	0.52
2021-22	0.116
2020-21	0.014
2019-20	...
2018-19	...

BAREILLY INTERNATIONAL UNIVERSITY

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.ohilkhand Medical College Campus, Pilibhit Bypass Road, Bareilly-243006 (U.P.) INDIA
Phone: 0581-2526011-12, Fax: 0581 - 2303345
Email: info@rmchbareilly.com, info@biu.edu.in Website: www.biu.edu.in

LIST OF CONSULTANTS AND DETAILS OF REVENUE GENERATED BY THEM

Name of the consultant	Name of the Advisory /R&D consultancy/clinical trial project	Consulting/Sponsoring agency with contact details	Year	Revenue generated (INR in Lakhs)
Dr. Meghanand T Nayak & Dr. Nitin	Dissertation Thesis Slides	Teerthanker Mahaveer Dental & Research Center, TMU, Moradabad	2022-23	0.46
Dr. Shivangi Gupta	Dissertation Titled: Evalutating the marginal adaptation of different pattern materials on type 4 gypsum dies: An In-Vitro Study	Kothiwal Dental Dental & Research Center, Moradabad	2022-23	0.06
Dr. Shagun Chitkara	Dissertation Titled: A Comprative Evaluation of Expression of aquaporin 3 in dentigerous cyst and ameloblastoma	Teerthanker Mahaveer Dental & Research Center, TMU, Moradabad	2021-22	0.068
Dr. Meghanand T Nayak & Dr. Zafar Akbar	Dissertation Thesis Slides	Teerthanker Mahaveer Dental & Research Center, TMU, Moradabad	2021-22	0.022
Dr. Arya Jyoti	Dissertation Thesis Slides	Kothiwal Dental Dental & Research Center, Moradabad	2021-22	0.026
Dr. Minha Majeed Kak	Dissertation Thesis Slides	Kothiwal Dental Dental & Research Center, Moradabad	2020-21	0.014
Dr. Lata Agarwal(Vice Chancellor)	Clinical Trial	Up. Govt Ministry Fund	2019-20	116.14

SUSHIL KUMAR THAKUR

Digitally signed by SUSHIL KUMAR THAKUR
DN: C=IN, O=Personal, PostalCode=302033, S=Rajasthan, SERIALNUMBER=C973379113FC8D793F2708FC9D687F06B89F4196B9325326C00EECB6FEC22CC0, CN=SUSHIL KUMAR THAKUR
Reason: I am the author of this document
Location:
Date: 2024.09.24 18:57:28+05'30'
Foxit PDF Editor Version: 2021.1.0

3.5.2 Revenue generated from consultancy and corporate training during the year (INR in Lakhs)				
3.5.2.1: Total amount generated from consultancy and corporate training year wise during the year (INR in lakhs)				
Name of the consultant	**Name of consultancy project**	**Consulting/Sponsoring agency with contact details**	**Year**	**Revenue generated (INR in Rupees)**
Dr. Roopa S Rao	Development of a computer aided diagnosis and prognosis of common odontogenic jaw lesions, on whole slide histopathology images of incisional biopsies- Aretrospective cohort study	Ramaiah University of Applied Science	2024	25000
Dr. Meghanand T Nayak & Dr. Nitin	Dissertation Thesis Slides	Teerthanker Mahaveer Dental & Research Center, TMU, Moradabad	2023	46000
Dr. Shivangi Gupta	Dissertation Titled: Evalutating the marginal adaptation of different pattern materials on type 4 gypsum dies: An In-Vitro Study	Kothiwal Dental Dental & Research Center, Moradabad	2023	6000
Dr. Shagun Chitkara	Dissertation Titled: A Comprative Evaluation of Expression of aquaporin 3 in dentigerous cyst and ameloblastoma	Teerthanker Mahaveer Dental & Research Center, TMU, Moradabad	2022	6800
Dr. Meghanand T Nayak & Dr. Zafar Akbar	Dissertation Thesis Slides	Teerthanker Mahaveer Dental & Research Center, TMU, Moradabad	2021	2200
Dr. Arya Jyoti	Dissertation Thesis Slides	Kothiwal Dental Dental & Research Center, Moradabad	2021	2600
Dr. Minha Majeed Kak	Dissertation Thesis Slides	Kothiwal Dental Dental & Research Center, Moradabad	2020	1400
				90000

RAMAIAH UNIVERSITY OF APPLIED SCIENCES

FACULTY OF DENTAL SCIENCES

Dt. 31.12.2024

From,
Dr.Roopa S Rao
Professor, Oral pathology, FDS, RUAS

To, Dr. Madsudhan Astekar
Professor & Head,
Oral pathology Institute of Dental sciences,
Bareilly, UP

Sub: Sharing Materials for collaborative VGST & prospective projects

The following items funded by VGST grant have been shared with Institute of Dental sciences , Bareilly for the collaborative execution of the VGST sanctioned project titled " Development of a computer aided diagnosis and prognosis of common odontogenic jaw lesions, on whole slide histopathology images of incisional biopsies- A retrospective cohort study" (K-FIST L1/GRD-1146/49/2024-25/54).

Code	Item Name	Make	Unit Pack	Unit Price	Disc	After Disc	Qty	Total Amt	GST	Price Incl of GST
	Histochemical staining kit	AMD Labs	50ml	40,600.00	17%	33698.00	1	33,698.00	12%	37,741.76
D30475	D.P.X. mountant	Nice	250ML	522.00	10%	469.80	1	469.80	12%	526.18
BRS11	Slides Super deluxe 1.1mm	Blue Ribbon	50s	95.00	10%	85.50	38	3,249.00	18%	3833.82
BRCS2230	Cover Slip22x30mm	Blue Ribbon	pkt	97.00	10%	87.30	15	1,309.50	18%	1545.21
62101	Coplin Jar	PolyLab	Each	45.00	10%	40.50	52	2,106.00	18%	2,485.08
62106	Slide Box - 100 Slides	Polylab	Each	400.00	10%	360.00	14	5,040.00	18%	5,947.20
										52,079.25

CONTENTS OF HISTOCHEMICAL STAINING KIT

a) STAINS FOR For MASSON'S TRICHROME
b) STAINS FOR FOR HEIDENHAIN'S AZAN TRICHROME STAINS FOR
c) For PAS
d) STAINS FOR For MODIFIED CAJAL STAINING (BY GALLEGO) STAINS FOR FOR HEROVICI'S
e) COLLAGEN STAINS FOR
f) For H & E

Dr. ROOPA S RAO
Professor and Head
Deptartment of Oral Pathology
Faculty of Dental Sciences
Ramaiah University of Applied Scier
Gnanagangothri Campus, M.S.R. Na
Bengaluru - 560 054

RAMAIAH UNIVERSITY OF APPLIED SCIENCES | FACULTY OF DENTAL SCIENCES

From,

Dr.Roopa S Rao

Professor, Department of Oral Pathology

Faculty of Dental Sciences

Ramaiah University of Applied Sciences

Bangalore, 25th July 2023

Dear Dr.Madhusudan Astekar,

RE: letter of Intent for collaborative projects

The above matter is referred to. It is with great pleasure that I invite you and your research team from the Institute of Dental Sciences, Bareilly to collaborate with the Faculty of Dental Sciences, Ramaiah University of Applied Sciences on the following research projects:

Project Title:

1. Correlation of Histopathological Grading of the advancing fronts of gingiva buccal sulcus oral squamous cell carcinoma in Indian Cohorts with overall survival – A Multicentric Retrospective cohort Study Phase I & II).
2. Prognostic Role of Immunohistochemical Markers in the Clinicopathological Comparative Analysis of Sporadic Odontogenic Keratocysts - A retrospective cohort multicentric study (Phase I & II)
3. Diagnoses and Risk Stratification of Recurrence of Solid and Cystic Ameloblastomas Jaw Lesions on Digitalized Pathology Images using Deep Learning Algorithms (Phase I and II)
4. Diagnostic and prognostic aspects of Desmoplastic Ameloblastomas (Phase I & II)

Institute of Dental Sciences, Bareilly; Collaborators Research Team:

For Project 1:

1. Dr.Madhusudan Astekar 2.

For Project 2:

1. Dr.Madhusudan Astekar 2.

RAMAIAH UNIVERSITY OF APPLIED SCIENCES | FACULTY OF DENTAL SCIENCES

For Project 3:

1. Dr.Madhusudan Astekar 2.

For Project 4:

1. Dr.Madhusudan Astekar

I hope that we can work collaboratively to ensure that the project objectives are met. Your experience and expertise in this field will significantly help us to conduct the above-mentioned projects successfully and add to the body of knowledge in this area. Also, we shall jointly publish. Looking forward to working with you and your team on these exciting endeavors.

Thank You,

Roopa S Rao

Dr.Roopa S Rao

8880583689

Dr. ROOPA S RAO
Professor and Head
Deptartment of Oral Pathology
Faculty of Dental Sciences
Ramaiah University of Applied Sciences
Gnanagangothri Campus, M.S.R. Nagar
Bengaluru - 560 054

RECEIPT

INSTITUTE OF DENTAL SCIENCES

Pilibhit Bye Pass Road, OPP. Suresh sharma nagar, Bareilly (U.P.)243006 PH.: 0581-2526244, 2526051

S.No. 863

Date 12/12/24

Received With thanks from Mr./Ms RAMAIAH UNIVERSITY OF APPLIED SCIENCE

Batch —

a sum of Rupees TWENTY FIVE — THOUSAND RUPEES ONLY.

By Cash/Cheque/DD/NEFT no. 43160025963 Bank HDFC dated 11/11/24

on account of BIOLOGICAL SAMPLES

for Academic Session 2024-25

Rs. 25000/-

Subject to Realisation of Cheque/D.D.

Institute of Dental Sciences Phone 2526051 2526052 Bareilly

Authorised Signatory

TEERTHANKER MAHAVEER DENTAL COLLEGE & RESEARCH CENTRE
DEPARTMENT OF ORAL & MAXILLOFACIAL PATHOLOGY
BAGARPUR, DELHI ROAD, MORADABAD, UP, INDIA 244001

To,

The Head of the Department

Dept of Oral pathology & Microbiology

IDS Bareilly

Date: 26/05/2023

Subject: Requirement of tissue sections

Respected Sir,

This is to inform you that my students are doing Dissertation titled

1. Dr Nitin Kumar – Thesis Topic : Caveolin -1 Expression in Dentigerous Cyst, OKC & Ameloblastoma
2. Dr Ashish Kumar – Thesis Topic: Expression of Carbonic Anhydrase IX in Oral Squamous Cell Carcinoma and Oral Submucous Fibrosis
3. Dr Anjali – Thesis Topic: Immunohistochemical evaluation of EBV encoded LMP -1 in Oral Epithelial Dysplasia and Oral Squamous Cell Carcinoma

I kindly request you to provide unstained sections for the below mentioned for the purpose of IHC and H & E staining.

S.No.	Name of student	Lesion	No. of lesion required
1	Dr Nitin Kumar	Dentigerous cyst	20
		Odontogenic Keratocyst	20
		Ameloblastoma	20
2	Dr Ashish Kumar	Oral Submucous Fibrosis	23
		Oral Squamous Cell carcinoma	12
3	Dr Anjali	Oral Epithelial Dysplasia	14
		Oral Squamous Cell carcinoma	6

I am highly obliged for the same.

Thanking you,

Yours sincerely

Dr. Meghanand T Nayak
Prof. & Head
Dept. of Oral and Maxillofacial Pathology
TMDCRC

DR. MEGHANAND T NAYAK
BDS, MDS
PROF. AND HEAD
DEPT. OF ORAL AND MAXILLOFACIAL PATHOLOGY
TEERTHANKER MAHAVEER DENTAL COLLEGE AND RESEARCH CENTRE
TEERTHANKER MAHAVEER UNIVERSITY
Mob.: +919935008888

No. 521340

INSTITUTE OF DENTAL SCIENCES
OPD

Card No. 776359 Date 31.5.23

Received from Dr. NIHD

Rs. in words Twenty three thousand only

For block & Slides

Rs. 23,000/-

Signature

No. 526654

INSTITUTE OF DENTAL SCIENCES
OPD

Date 21.6.23

Card No. 726359

Received from Dr. Nitin

Rs. in words Twenty Three thusend only

For 230 Slides (Histo Path) Bal Paid

Rs. 23000/-

Signature

To,

The Principal,

Institute of Dental Sciences,

Bareilly International University,

Bareilly.

Subject: Request for thesis testing.

Respected Sir,

This is in concern with my thesis about **"Evaluating the marginal adaptation of different pattern materials on type IV gypsum dies: An in vitro study".** The study includes 30 samples of three different pattern material groups for which the marginal adaptation has to be observed under optical stereozoom microscope at three different intervals i.e. at 1hr, 6hrs and 24hrs.

I therefore humbly request you to allow me to use the optical stereozoom microscope for the thesis work.

Thanking you,

Yours sincerely,

Dr. Shivangi Gupta
PG 2nd year
Department of prosthodontics
and crown & bridge,
Kothiwal Dental College and Research Centre,
Moradabad.

Dr. Swatantra Agarwal
Principal & Head of Department
Kothiwal Dental College and Research Centre,
Moradabad.

Forwarded
SAgarwal

Forwarded to the HOD, Dept of Oral Pathology will be the need for.
for needful
10/07
10/7/20

INSTITUTE OF DENTAL SCIENCES, BAREILLY

Thesis testing on "**An evaluation of the marginal adaptation of different pattern material on type IV gypsum dies: an in vitro study**" was conducted in Institute of dental sciences, Bareilly.

30 samples marginal adaptation evaluated at 1 hour, 6 hours, 24 hours.

Following are the readings obtained.

INLAY WAX

1 HOUR (*μm*)	6 HOURS (*μm*)	24 HOURS (*μm*)
163.3	271.2	360.6
151.0	209.6	394.5
197.2	261.9	354.4
237.6	331.4	431.7
339.0	314.3	496.1
289.7	382.7	505.4
437.6	468.2	566.9
641.0	662.6	862.9
366.7	453.0	425.3
514.6	566.9	613.6

AUTOPOLYMERISING RESIN

1 HOUR (*μm*)	6 HOURS (*μm*)	24 HOURS (*μm*)
240.4	268.1	271.2
422.2	431.4	434.5
514.6	527.0	533.1
335.9	345.1	354.4
363.6	422.2	428.4
379.0	382.1	385.2
345.1	351.3	357.2
585.5	409.9	468.4
545.5	610.2	548.5
468.4	477.7	462.2

No. 530663

INSTITUTE OF DENTAL SCIENCES
OPD

Card No. 782423 Date 1.2.7.23

Received from Shivangi

Rs. in words Six thousand only

For Thesis Sample microscopy (Oral Path)

30 x 200

Rs. 6000/-

Signature

TEERTHANKER MAHAVEER DENTAL COLLEGE & RESEARCH CENTRE
DEPARTMENT OF ORAL & MAXILLOFACIAL PATHOLOGY

BAGARPUR, DELHI ROAD, MORADABAD, UP, INDIA 244001

From,
Dr Shagun Chitkara and Dr mithilesh kumar
Dept of Oral Pathology & Microbiology
Teerthanker Mahaveer Dental College & Research CentreTMU
Moradabad

To,
The Head of the Department
Dept of Oral pathology & Microbiology
Institute of dental sciences Bareilly

Subject: Requirement of tissue

This is to inform you that I Dr. shagun chitkara is doing a Dissertation titled "A compararive evaluation of expression of: aquaporin3 in dentigerous cyst and ameloblastoma".

I Dr. Mithilesh kumar is doing a Dissertation titled" evaluation of mast cell and vegf in different grade of OSCC"

I kindly request you to provide unstaied sections

for the below mentioned for the purpose of IHC and H & E staining.

S.no	Lesion	No.of lesion required
1	**Unicystic Ame loblast:oma**	**13**
2	**Poorely diff.oscc**	**14**

I am highly obliged for the same.

Thanking you

Mithilesh KC

Yours Sincerely

Forwarded to Principal for needful

11/7/22

Kindly do the needful.

Dr. Meghanand T Nayak
Prof. & Head
Dept. of Oral and Maxillofacial Pathology
TMDCRC

DR. MEGHANAND T NAYAK
BDS, MDS
PROF. AND HEAD
DEPT. OF ORAL AND MAXILLOFACIAL PATHOLOGY
TEERTHANKER MAHAVEER DENTAL COLLEGE AND RESEARCH CENTRE

TEERTHANKER MAHAVEER DENTAL COLLEGE & RESEARCH CENTRE
DEPARTMENT OF ORAL & MAXILLOFACIAL PATHOLOGY

BAGARPUR, DELHI ROAD, MORADABAD, UP, INDIA 244001

To,
The Head of the Department
Department of Oral Pathology & Microbiology
Institute Of Dental Sciences,Bareilly

Subject: Requirement of tissue sections

Dear Sir,

I would like to request to you that our post graduate students require tissue sections for their thesis work. I would be highly grateful if you provide us with these tissue sections for which they will do the required payment as instructed.

Thanking you in anticipation,

Date - 29/10/2021

Yours sincerely

Dr. Meghanand T Nayak
Prof & Head
Dept. of Oral and Maxillofacial Pathology
TMDCRC

DR. MEGHANAND T NAYAK
BDS, MDS
PROF. AND HEAD
DEPT. OF ORAL AND MAXILLOFACIAL PATHOLOGY
TEERTHANKER MAHAVEER DENTAL COLLEGE AND RESEARCH CENTRE
TEERTHANKER MAHAVEER UNIVERSITY
Mob.: +919935008888

To,

The Head of the Department,

Oral and Maxillofacial Pathology and Microbiology,

IDS, Bareilly, U.P.

Dated: 17th July, 2021

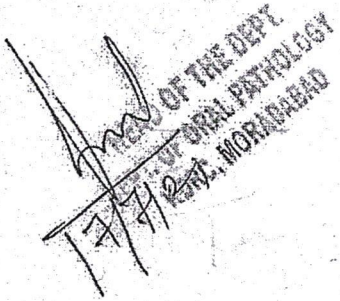
Subject: Seeking permission for histopathological slides.

Respected sir,

I, Dr. Arya Jyoti, 2nd year PG from the department of Oral and Maxillofacial Pathology and Microbiology, Kothiwal Dental College and Research Centre would like to seek your kind permission for histopathological slides of a few cases which are needed for the completion of my Thesis.

Therefore, I request you to kindly provide the slides for the same.

Thanking You,
Yours obediently,
Dr. Arya Jyoti
(PG IInd Year).



The Head of the Department,

Department of Oral Pathology and Microbiology,

Institute of Dental Sciences, Bareilly.

SUB: Request to issue the tissue slides.

Respected sir,

With due regards and respect, I, Dr Minha Majeed Kak, Post graduate trainee, Department of Oral & Maxillofacial Pathology from Kothiwal Dental College and research centre brings into kind notice that I am in need of the Tissue sections of cases of Mild Epithelial dysplasia and Poorly Differentiated Squamous cell carcinoma that i can get from your department. Kindly issue the same that will be your most kindness.

Thanking you

Yours faith fully

Dr Minha Majeed Kak

Pg Final year

8/12/2020.

Dr K Vinod Kumar

(Guide)

Dept. of Oral Pathology
K.D.C.R.C. MBD.

for - Seema

Dr Swatantra Agarwal 8/12/20

(HOD Principal)

Kothiwal Dental College and Research Centre

Forwarded to the Principal
for the needful

9/12/2020

Total of 14 Sides has been handed over after the payment of Rs 1400/- Receipt enclosed.

9/12/2020

09/12/20

TEERTHANKER MAHAVEER DENTAL COLLEGE & RESEARCH CENTRE
DEPARTMENT OF ORAL & MAXILLOFACIAL PATHOLOGY

BAGARPUR, DELHI ROAD, MORADABAD, UP, INDIA 244001

To,
The Head of the Department
Department of Oral Pathology & Microbiology
Institute Of Dental Sciences,Bareilly

Subject: Requirement of tissue sections

Dear Sir,

I would like to request to you that our post graduate students require tissue sections for their thesis work. I would be highly grateful if you provide us with these tissue sections for which they will do the required payment as instructed.

Thanking you in anticipation,

Date - 29/10/2021

Yours sincerely

Dr. Meghanand T Nayak
Prof & Head
Dept. of Oral and Maxillofacial Pathology
TMDCRC

Forwarded to Principal
for needful.
30/10/21

DR. MEGHANAND T NAYAK
BDS, MDS
PROF. AND HEAD
DEPT. OF ORAL AND MAXILLOFACIAL PATHOLOGY
TEERTHANKER MAHAVEER DENTAL COLLEGE AND RESEARCH CENTRE
TEERTHANKER MAHAVEER UNIVERSITY
Mob.: +919935008888

456601

INSTITUTE OF DENTAL SCIENCES

OPD

Card No. 700026 Date 30.10.21

Received from Dr. Zafar Akbar

Rs. in words Two thousand Two hundred only

For Histopathology Slides for thesis 22*100

Rs. 2200/-

Signature

To,

The Head of the Department,

Oral and Maxillofacial Pathology and Microbiology,

IDS, Bareilly, U.P.

Dated: 17th July, 2021

Subject: Seeking permission for histopathological slides.

Respected sir,

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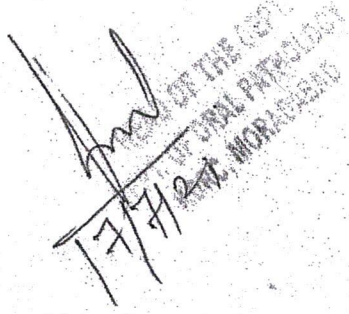
Therefore, I request you to kindly provide the slides for the same.

Thanking You,

Yours obediently,

Dr. Arya Jyoti

(PG IInd Year).



No. 446319

INSTITUTE OF DENTAL SCIENCES
OPD

Card No. 682660 Date 19/7/21

Received from Dr. Anya Jyoti

Rs. in words Two Thousand Six Hundred Fifty only

For Histopathology Slide for thesis (Oral Path)

Rs. 2600/-

Signature

TEERTHANKER MAHAVEER DENTAL COLLEGE & RESEARCH CENTRE
DEPARTMENT OF ORAL & MAXILLOFACIAL PATHOLOGY

BAGARPUR, DELHI ROAD, MORADABAD, UP, INDIA 244001

From,
Dr Shagun Chitkara and Dr mithilesh kumar
Dept of Oral Pathology & Microbiology
Teerthanker Mahaveer Dental College & Research CentreTMU
Moradabad

To,
The Head of the Department
Dept of Oral pathology & Microbiology
Institute of dental sciences Bareilly

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I kindly request you to provide unstaied sections

for the below mentioned for the purpose of IHC and H & E staining.

S.no	Lesion	No.of lesion required
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2	**Poorely diff.oscc**	**14**

I am highly obliged for the same.

Thanking you

Mithilesh Kr

Yours Sincerely

Forwarded to Principal
for needful
11/7/22

Kindly do the needful.

Dr. Meghanand T Nayak
Prof. & Head
Dept. of Oral and Maxillofacial Pathology
TMDCRC

11/7/22

DR. MEGHANAND T NAYAK
BDS, MDS
PROF. AND HEAD
DEPT. OF ORAL AND MAXILLOFACIAL PATHOLOGY
TEERTHANKER MAHAVEER DENTAL COLLEGE AND RESEARCH CENTRE
TEERTHANKER MAHAVEER UNIVERSITY
Mob.: +919935008888

No. 481749

INSTITUTE OF DENTAL SCIENCES
OPD

Card No. 13537 Date 15/7/24

Received from Shagun

Rs. in words Six Thousand Eight hundred only

For Histopathology Slides

Rs. 6800/-

Signature