



CONTACT

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HIGHLIGHTS

Proficient in **teaching** the following:

- Oral Pathology
- Oral Histology and Embryology
- Dental Anatomy
- Cell Biology
- General Pathology
- Microbiology
- Advanced Oral pathology for graduate programs

Clinical skills:

Specialist license from MOH

Histopathology reporting of oral biopsies
General Dentistry,
Rotary Endodontics,
Veneers

Research:

- Several grants
- Several papers in SCOPUS and PUBMED indexed journals
- Molecular research, QPCR, Tissue culture, Western blotting

PRATHIBHA PRASAD **BDS, MDS, GDipHPE, PhD**

PROFILE

Dr. Prathibha Prasad has worked as a Dentist, Researcher and an Educator for 20 years with 15 years of experience in teaching and administering a wide range of academic curricula in the United Arab Emirates. She believes in a student centric andragogy. She is a keen proponent of 360-degree learning. Before joining the Ajman University, she taught and contributed to various academic committees at Gulf Medical University and RAK College of Dental Sciences. Prior to that she has worked in India for 2 years. She has experience in assessment and vetting, distance model of education, multi-media teaching, Case based learning, Problem based learning and Team based learning. She has served as mentor and academic advisor to students and faculty.

She is experienced in program writing, editing, and accreditation with national and international bodies. She has experience in General Dentistry, Rotary Endodontics, and Veneers. She has several Scopus and Pubmed publications with collaborations in top universities worldwide. She spearheaded molecular research on lung cancer caused by water pipe smoking. She has an impeccable track record of excellent work ethic, unparalleled attention to detail, and knack for executing high- performance under pressure.

WORK EXPERIENCE

Ajman University, United Arab Emirates

Head of the Department, Basic Medical and Dental Sciences September 1st 2025

Assistant Professor, Specialist, in College of Dentistry August 29 2021 till date

- Teaching and training and assessing Students in Credit Based Courses
- Courses taught for Endodontics and Restorative dentistry Postgraduate students- Advanced Dental Sciences

LANGUAGES

English

Hindi

Urdu

Kannada

Arabic for health profession

MOLECULAR RESEARCH

- Tissue culture
- RNA Isolation
- cDNA Extraction
- Designing primers
- QPCR
- Protein quantification
- Western blotting
- Immunofluorescence
- Imaging
- Confocal microscope
- Inverted microscope
- Fluorescent microscope

EQUIVALENCY

- MOE (BDS,MDS,PHD)
- WES (BDS,MDS,PHD)

- Courses taught for Undergraduate students- Pathology, Microbiology, Histology and Cell Biology, Oral Pathology, Oral Histology
- Member of Vetting and Assessment committee
- Coordinator of Curriculum Committee
- Member of College council
- Executive member of Research council
- Member of Inter-professional education
- Supervision of students in dental camps
- Advisor to the students
- Received an Internal research grant from AU for the academic year 2022-2023, and 2024-2025.

Ras Al Khaimah Medical And Health Sciences University, United Arab Emirates
Assistant Professor, Specialist A, in Ras Al Khaimah College of Dental Sciences
3 Jan. 2021 –August 26 2021

- Teaching and training and assessing Students in Credit Based Courses
- Lead faculty- Oral Pathology, Oral Histology, Dental Anatomy, Cell Biology
- Working with colleagues to modify the curriculum and participating in a departmental self-study
- Sales presentation to a business or school group, as a part of promotional activity of the group
- Clinical duties as Specialist Dental Surgeon at Ras Al Khaimah Medical and Health Sciences Hospital

Gulf Medical University, United Arab Emirates
Specialist A, Lecturer in College of Dentistry
20 Feb. 2011 –31 May 2020

- Teaching and training and assessing Students in Credit Based Courses: Oral Pathology, Oral Histology, Dental Anatomy, Cell Biology and General Pathology/ Microbiology.
- Updating a course to incorporate new research findings
- Developing a new program
- Working with colleagues to modify the curriculum and participating in a departmental self-study
- Lead faculty responsible for virtual learning platform, E- portfolio, website, exam software, and online quizzes

GRANTS

1. Effects of smoking on remodeling the tumor micro-environment and shaping stemness and immunogenicity in lung cancer.

Al Jalila Foundation,
Accepted May/2018

2. Comprehensive analysis of hypoxia induced tumor mutational burden and neoantigen generation in breast cancer: Impact on immune surveillance.

Sheikh Hamdan foundation,
Accepted Mar/2018

3. Effect of acute and chronic hypoxia on human dental pulp derived cells,
GMU Faculty Research Grants,
Accepted Jun/2018.

4. Received an Internal research grant from AU for the academic year 2022-2023

5. Received an Internal research grant from AU for the academic year 2024-2025

- Clinical duties as Specialist Dental Surgeon at GMC Hospital
- Sales presentation to a business or school group, as a part of promotional activity of the group
- Applied and received several research grants upto 250K AED

COLLEGE OF DENTAL SCIENCES, KGF, INDIA Senior Lecturer in Department of Oral Pathology May 2010– Feb 2011

- Teaching and Training and assessing Students in Courses Oral Pathology, Oral Histology and Embryology, and Dental Anatomy
- Histopathology reporting of oral biopsies.
- Student advisement and support

NAVODAYA DENTAL COLLEGE, RAICHUR, INDIA. Senior Lecturer, Department of Oral Pathology May 2009-Apr. 2010

- Teaching and Training and assessing Students in Courses Oral Pathology, Oral Histology and Embryology, and Dental Anatomy
- Histopathology reporting of oral biopsies.
- Student advisement and support

JODHPUR DENTAL COLLEGE, JODHPUR, INDIA. SENIOR LECTURER, DEPARTMENT OF ORAL PATHOLOGY MAY 2008-APR. 2009

- Teaching and Training and assessing Students in Courses Oral Pathology, Oral Histology and Embryology, and Dental Anatomy
- Histopathology reporting of oral biopsies.
- Student advisement and support

EDUCATION

PhD in Oral Pathology

Pacific Dental College, Pacific University, India

Dec. 2018 (Equivalency from MOE in UAE and WES)

M.D. S (ORAL PATHOLOGY)

College of Dental Sciences, Karnataka.

Rajeev Gandhi University of Health Sciences,
Bangalore, Karnataka, India

April 2008 (Equivalency from MOE in UAE and WES)

Graduate diploma in Health Profession education

Gulf Medical University Ajman, UAE

December 2015

B.D. S

A.B. Shetty Memorial Institute of Dental Sciences,
Mangalore, Karnataka

Rajeev Gandhi University of Health Sciences, Bangalore,
Karnataka, India

December 2001 (Equivalency from MOE in UAE and WES)

PUBLICATIONS

- **Prasad P**, Sriram G, Kannan B, Jaber M, Khair AMB, Ramasubramanian A, Ramani P, Jayaseelan VP, Arumugam P. Waterpipe smoke condensate activates the oncogenes and promotes epithelial-mesenchymal transition to cause oral cancer. *Odontology*. 2025 Jun 4. doi: 10.1007/s10266-025-01127-z. PMID: 40464850.
- Current challenges in dental education-a scoping review, LM Annamma, SR Varma, H Abuttayem, **P Prasad**, SA Azim, R Odah, *BMC Medical Education* 24 (1), 1523, 2024
- DYNC1I1 acts as a promising prognostic biomarker and is correlated with immune infiltration in head and neck squamous cell carcinoma, RG Ananya, C Pandi, B Kannan, A Pandi, **P Prasad**, VP Jayaseelan, *Journal of Stomatology, Oral and Maxillofacial Surgery* 125 (4), 101734, 2024
- Solanine Inhibits Proliferation and Angiogenesis and Induces Apoptosis through Modulation of EGFR Signaling in KB-ChR-8-5 Multidrug-Resistant Oral Cancer Cells, **P Prasad**, M Jaber, TA Alahmadi, HS Almoallim, AK Ramu, *Journal of Clinical Medicine* 13 (15), 4493, 2024
- Waterpipe smoke condensate induces epithelial-mesenchymal transformation and promotes metastasis of oral cancer by FOXD1 expression, **P Prasad**, B Kannan, G Sriram, M Jaber, A Ramasubramanian, P Ramani, *Journal of Stomatology, Oral and Maxillofacial Surgery*, 101900, 2024

- Halkai RS, Halkai KR, Shetty SR, Shetty RM, Shetty S, **Prasad P**. An In-vitro evaluation of cytotoxicity of fungal derived nanosilver particle endodontic irrigant on human periodontal ligament fibroblast cells. Saudi Endod J 2021;11:364-8.
- Application of E-learning in Dental Radiology Education at undergraduate level -a Systematic Review Aplicação do E- learning no Ensino de Radiologia Dentária em nível de graduação -uma Revisão Sistemática. Brazilian Dental Science. 2019; 22(4):434-442
- **Prathibha Prasad**, Iman metwaly Mohamed said hamed. A Short Review of Common Viral Lesions Seen in the Oral Cavity of Children. Pediatric dental care. 2016; 1 (3):117
- MS Hamed, **P Prasad**. Displacement of lower third molar to Submandibular fossa during extraction. Indian Journal of Multidisciplinary Dentistry. 2016;6(2): 107
- **Prathibha Prasad1***. Trend of using of smart phones by medical students. Saudi Journal of Medicine. 2016; 1(2):40-43
- **Dr. Prathibha Prasad1***, Mohamed said Hamed2, Dr. Radhika Tharoor3. Cell phone and the mental health of the students- a short review. Scholars Bulletin. 2016; 2(8):515-516
- **Prathibha Prasad**, Mandan Donoghue. A comparative study of various decalcification techniques. Indian Journal of Dental Research. 2012; 24 (3): 302-308
- **Prathibha Prasad**, Vanishree Ravi. A comparison of lip prints between Aryans– Dravidians and Mongols. Indian Journal of Dental research. 2012: 22 (05): 664-668

PRESENTATIONS

- ✓ Presented a talk on Forensic Odontology in CDE programme in KGFCDS on 23- 11-2010.
- ✓ 2012- Presented a talk on Forensic Odontology in CDE programme in Ajman University on 28/2/2012.
- ✓ AIGMK conference Royal palace hotel, Ajman and presented a talk on Nanotechnology in dentistry in Jan/2013
- ✓ Attended AEEDEC conference held in World Trade centre, Dubai from 5-7 Feb 2013 as a delegate and Judge for Poster presentations.
- ✓ Attended Annual dental conference held in GMU in Apr/2013 by College of dentistry
- ✓ Attended 5th Annual Scientific Meeting 2013 held in GMU in November 2013.
- ✓ First International Conference on Waterpipe Tobacco Smoking, Jumeirah at Etihad Towers - ABU DHABI held on October 21-23, 2013 and hosted by New York University.
- ✓ Attended 6th Annual dental conference 2014 held in GMU
- ✓ Attended AEEDC conference held in World Trade Centre as a Judge for the poster presentation in Feb 2015.
- ✓ Attended as a speaker in the 7th Annual dental conference held in GMU in April 2015

KEY INTERNATIONAL PRESENTATIONS

- Delivered a paper presentation as guest speaker at the Forensic Science and Research conference held in Chicago, USA in October 2012.
- Judge for the poster presentation at AEEDC conference Feb 2015.
- Speaker in International Dental Congress held in Intercontinental City Star hotel, Cairo, Egypt in October 2015
- Attended AIDC as a speaker in Alexandria, Egypt in Nov. 2016.
- Presented talk on Oral manifestations of shisha smoking in Dentistry and Dental material Conference in Rome, Italy on 20th Jul. 2018
- Delivered a paper presentation as guest speaker at the American association of Oral Medicine conference held in Las Vegas, USA in May 2025.

- ✓ Attended as a speaker in AKMGE chapter held in Marbella resort, Sharjah, UAE, in Jan 2016.
- ✓ Attended AEEDC conference held in World Trade Centre as a delegate in Feb 2016.
- ✓ Attended as a speaker in AKMGE chapter held in Ajman University of Science and Technology, UAE, on Feb 12, 2016.
- ✓ Attended Annual dental conference held in Radisson Blu, Sharjah, in April 2017
- ✓ Presented talk on Viral lesions in oral cavity of children in Pediatric Dental Conference held in Ajman on 16th Feb. 2018
- ✓ Presented talk on Oral health- A window to overall health in AKMG conference held in Ajman University in Nov. 2019
- ✓ Presented talk on Artificial Intelligence in Dentistry held in in Crown Plaza, Ajman in Dec. 2020
- ✓ Presented talk on Recent trends in Dentistry during COVID in Crown Plaza, Ajman in Feb. 2021
- ✓ Presented talk on Artificial Intelligence in Dentistry as a webinar, at Vivekanandha Dental College for Women, Tamil Nadu, India, on April 6 th, 2022.
- ✓ Presented talk on Premalignant disorders as a key note speaker at APADENTO conference on 20 Aug 2022.
- ✓ Presented talk on SRY gene in Forensic Odontology as a key note speaker at 5th International conference on Dentistry and Oral Health on 8 Dec 2022

REFERENCES:

1. Hossam Abdelmagyd

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2. Dr. Shishir Shetty

Assistant Professor
College of Dentistry
Sharjah University
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3. Dr Madhushankari Rao

HOD, Oral Pathology,
CODS, Davangere, India
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TEACHING AND RESEARCH STATEMENT

“Teaching is about Learning”. Teaching can only be improved when we focus on the learning needs of the future. Methods of teaching should go beyond traditional lecturing, and I would provide this diversity so as to engage as many students as possible. These methods may include, but are not limited to: videos, activities, photographs, research, case discussions, group exercises, collaborative learning, personal revelations, and discussions. She is an educator who is passionate about helping young people pursue their dreams and emerge as successful global citizens. Her endeavor is to enable students to become knowledge seeking dentists yet socially compassionate persons in pursuit of excellence. As an educator she creates a positive and interactive environment in which individual students are engaged and their contributions are encouraged and recognized. She believes that building kind, resilient, and empathetic treatment providers of tomorrow, regardless of their learning needs and abilities, is the greatest responsibility as an educator.

My major research projects have been based upon molecular research of waterpipe smoking effects on lung cancer on 3D models. I have also done dentistry related studies especially Oral Pathology and microbiology and Oral Medicine. My career aims are rooted firmly in the university setting. I intend to pursue an academic career for which I will continue to conduct research on dentistry in general and cancer in particular. I very much enjoy teaching and that is central to my professional aims. My involvement with students is central to my academic work, and I am committed to mentoring, assisting, advising, and working with students outside of the classroom as well. I can provide mentoring and leadership, especially for female and minority students. I am also very much committed to serve the department, university, and community in which I find myself, and will work within committees and provide service to the best of my ability.