

## BIODATA

**Name:** Dr. Preeti Ingalagi/Khot,,M.Sc (Med. Microbiology), Ph.D

**Presently working:** Senior Lecturer and researcher  
Department of Microbiology and  
Central research laboratory,  
Maratha Mandal's NGH Institute of  
Dental Sciences & Research Centre,  
Belgaum-10.

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**Mobile no:**7411270982

**An aspirant Microbiologist with 13 years of experience in the field of medica microbiology**

### Specialization:

- An oracle in culturing techniques especially in anaerobic bacteriology,
- Molecular Microbiology and Immunology.
- Adept in handling fluorescent microscopic techniques.

### Work experience :

- **Senior Lecturer,**  
Since 1/10/2010.  
UG and PG  
Maratha Mandal's NGHI of dental sciences,  
And research center, Belgaum-10
- **Consultant Microbiologist**  
Venugram Multi-speciality Hospital,  
Belgaum.
- **Jr. Microbiologist**  
Phikon Biotech Pvt Ltd, Bangalore.  
Belgaum.
- **Jr. Microbiologist,**  
Sonawalkar Bio-fertilizers Pvt Ltd.,  
Belgaum.

### Completed projects as a Co-investigator-

- ICMR: Antimicrobial resistant pattern against *Aggrebacter actinomycetemcomitans*.

**Educational Qualification:**

| Examination                      | College   | Year of Passing | University  |
|----------------------------------|---|-----------------|---|
| PhD                              | Maratha mandal's<br>NGHI of dental college<br>& research, Belagavi. | 2023            | Rajiv Gandhi University of<br>health sciences, Bangalore. |
| M.Sc.<br>Medical<br>Microbiology | J. N. Medical College,<br>Belgaum                                   | 2010            | KLE University, Belgaum                                   |
| DMLT                             | Miraj Institute of<br>technical training, Miraj                     | 1998            | Shivaji University,<br>Kolhapur.                          |
| B.Sc.<br>Microbiology            | Bharathi Vidyapeeth<br>Sangli                                       | 1997            | Shivaji University, Kolhapur                              |

**PhD Topic title-**“Genotyping characterization of *Porphyromonas gingivalis* species isolated from oral cavity by Arbitrarily Primed –Polymerized chain reaction (AP-PCR)- a microbiological study”

*P. gingivalis* is a keystone pathogens in causing chronic periodontitis. *P. gingivalis* is highly virulent and genotypically diversifying strain in different geographic location. So to identify the genotypic nature in chronic d and healthy individuals is an important criterion in Indian population. Subgingival plaque sample was collected from both the individuals and compare geneotypic nature. Subgingival plaque was collected from both the individuals and culturing was done to isolate *P. gingivalis* in anaerobic blood agar and kanamycin blood agar and incubated anaerobically. Isolated *P. gingivalis* was confirmed by conventional PCR and later confirm strains were taken for Arbitrarily primed PCR.

We found higher heterogeneity was seen in chronic periodontitis in comparison with healthy individuals.

**Research/Training Experience:**

Culture techniques, culturing of rare bacteria's from oral cavity, PCR, ELISA, handling of fluorescence's microscope and tissue culturing technique- anti cancer activity, immune-modulatory tests, antibacterial tests(aerobic, anaerobic bacteria's).

**Responsibilities:**

Engaged in the academic curriculum- Teaching activity for dental UG and PG students.

Actively involved in research activities

- Working as a Co-investigator for many funded projects like, ICMR, RGUHS and Industrial.
- Students research work accomplishment involve in planning, practical execution of the work, and evaluation.

## List of published

| S. No. | Author(s)  | Title   | Name of Journal  | Volume &Page  | Year         |
|--------|--|---|--|---|--------------|
| 1      | Nayak, Aarati;<br>SowmyaB. R.;<br>GandlaHarish;<br>KottrashettiVijayla<br>kshmi <sup>1</sup> ;<br><b>IngalagiPreeti<sup>1</sup></b> ;<br>SrinivasV. Sai<br>Chandini, | Determination and comparison of antimicrobial activity of aqueous and ethanolic extracts of <i>Amorphophallus paeoniifolius</i> on periodontal pathogens: An <i>in vitro</i> study                        | <i>Journal of Indian Society of Periodontology</i>                               | <u>27(1):p 40-44.</u>                                   | Jan–Feb 2023 |
| 2      | <b>Preeti Ingalagi</b> ,Dr. Kishore Bhat, Dr. R. D. Kulkarni, Dr. Vijayalakshmi Kotrashetti, Mr Vijay Kumbhar, ManoharKugaji   | Detection and comparison of prevalence of Porphyromonas gingivalis through culture and Real Time-polymerase chain reaction in subgingival plaque samples of chronic periodontitis and healthy individuals | Journal of Oral and Maxillofacial Pathology<br><br>(J Oral MaxillofacP athol.)   | 26(2): 288.   | 2022         |
| 3      | <b>Preeti Ingalagi</b> , V Kotrashetti, K Bhat, M Kugaji   | Comparison of cluster analysis of <i>Porphyromonas gingivalis</i> by arbitrarily primed-polymerase chain reaction between healthy and chronic periodontitis subjects                                      | Journal of Oral And Maxillofacial Pathology: JOMFP                               | 24 (2), 251<br>ISSN:print- (0973-029X, online-1998-393X | 2020;        |
| 4      | Preethi Kusugal Kishore G Bhat<br><b>Preeti Ingalagi</b> Sanjivani Patil & Geeta Pattar  | Coculture method for in vitro cultivation of uncultured oral bacteria   | Journal of Oral And Maxillofacial Pathology: JOMF                                | ISSN:print- (0973-029X, online-1998-393X                | 2021         |
| 5      | Bhat, Kishore G;<br><b>Ingalagi, Preeti</b> ; Patil, Suvarna; Patil, Sanjivini; Pattar, Geeta  | Antimicrobial susceptibility pattern of oral gram negative anaerobes from Indian subjects   | <b>Anaerobic</b>   | Vol. 70; 102367<br>ISSN 1075-9964                       | <b>2021</b>  |
| 6      | Dr. Leena G. Shettar , Dr.KG Bhat, Dr. Bharati Kolliyavar,Dr. Srinath L. Thakur, <b>Preeti Ingalagi</b> and Vijay Kumbhar  | Defining the normal periodontal microbial flora (selective) of oral cavity in health in the population of Hubli   | International Journal of Dental Science & Innovative Reserach (IJDSIR) : Dental: | 4(1): 459-473.<br>ID: 10173877                          | 2021         |

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|----|--|---|---|---|------|
| 7  | Nayak, Aishwarya; Nadiger, Ramesh; Bhat, Kishore; <b>Ingalgi, Preeti;</b> Kulkarni, Raghvendra | Efficacy of antibacterial sealant to prevent microleakage at the implant superstructure interface—An in vivo study  | International Journal of Medical and Oral Research            |   | 2020 |
| 8  | Dr. Amruta B. Hooli 1, Dr. Kishore G. Bhat *1 <b>Preeti Ingalagi</b>                           | Comparison Of Different Phenotypic Tests For Identification Of Candida Isolated From Oral Cavity  | International Journal of Research in Dental and Oral Sciences | 8;1: 32- 37<br>ISSN(O) : 2350-0530<br>ISSN(P): 234-3629 | 2020 |
| 9  | Ingalgi Preeti S, Bhat Kishore G, Kulkarni R. D., Kotrashetti V. S, Pattar Geeta               | Prevalence of <i>Porphyromonas gingivalis</i> isolated from oral cavity in Indian population - A culture-based study  | J Adv Clin & Res Insights                                     | 1;154–9.  | 2018 |
| 10 | Kishore G Bhat, <b>Preeti Khot</b> , Suvarna Patil, Geetha Pattar, Sanjeevini Majumkar         | Antimicrobial susceptibility pattern of oral isolates of <i>Aggregatibacter actinomycetemcomitans</i>   | J Oral Maxillofac Pathol                                      | 23(2); 231–5.   | 2019 |
| 11 | T Praveen, VS Kotrashetti, S Pattanshetty, JV Hosmani, D Babji, P Ingalgi                      | Detection of different <i>Prevotella</i> species from deep dentinal caries of primary teeth – A culture and biochemical study                               | J Adv Clin & Res Insights                                     | 1; 65-8.  | 2018 |
| 12 | A Rajaram, VS Kotrashetti, PD Somannavar, P Ingalgi, K Bhat                                    | Culture –based identification of pigmented <i>Porphyromonas</i> and <i>Prevotella</i> species in primary endodontic infections                              | J. Dent. Res dent clin, dent prospec(JOD DD                   | 10(3); 136-41   | 2016 |
| 13 | Vinayak M Joshi, Kishore G Bhat, Manohar S Kugaji, Preeti S Ingalgi.                           | Prevalence of <i>Porphyromonas gingivalis</i> and its relationship with herpesvirus in Indian subjects with chronic periodontitis: A cross-sectional study. | J Int Clin Dent Res Organ                                     | 8(2); 106-110   | 2016 |
| 14 | Joshi VM, Bhat KG, Kugaji MS, Ingalgi PS.  | Occurrence of <i>Aggregatibacter actinomycetemcomitans</i> in Indian chronic periodontitis patients and periodontally healthy adults.                       | J Indian Soc Periodontol.                                     | 20(2); 141-144  | 2016 |
| 15 | Joshi VM, Bhat KG, Katti SS, Kugaji MS, Ingalgi PS.  | Prevalence of Herpesvirus and Correlation with Clinical Parameters in Indian Subjects with Chronic Periodontitis.   | J Contemp Dent Pract.   | 16(11); 915-920   | 2015 |

|     |  |  |   |                  |      |
|-----|--|--|---|------------------|------|
| 16  | Babji Deepa, Bhat Kishore, Nayak Ramakant & Ingalgi Preeti.                              | Detection, semi-quantification and morphology of oral spirochetes in chronic periodontitis-A light microscopic study.                | J Pharm Biomed Sci.   | 29(29); 735-740  | 2013 |
| 17  | Varsha Chaudhary, Bhat Kishore, Sunil Rao, Preeti Ingalagi & Manohar Kugaji.             | Comparison of Culture and PCR for Detection of Porphyromonas gingivalis in patients with Chronic Periodontitis and Healthy Subjects. | J Pharm Biomed Sci.   | 34(34);1670-1675 | 2013 |
| 18  | Varsha Chaudhary, Bhat Kishore, Sunil Rao, Manohar Kugaji and Preeti Ingalagi            | Detection of Treponema denticola by PCR in Patients with different periodontal status  | International journal of current Microbiology and Applied Sciences(IJC MAS) | 2(10);172-178.   | 2013 |
| 19  | Varsha Choudhary, Preeti Ingalagi, Dr. Chetana Bogar, Dr. Sunil Rao and Dr. Kishore Bhat | of Silver Nitrate Staining in Detection of Spirochetes from Oral Cavity of Periodontally Healthy and Diseased Individuals Utility    | International Journal of Pharma and Bio Sciences                            | 3(4);980-986     | 2012 |
| 20. | Manjula A Vagarali Shankar G Karadesai Preeti Ingalagi, Sharada Metgaud                  | Bacteriological Analysis of Drinking Water Samples   | J Biosci Tech   | 2 (1);220-222    | 2011 |

## Oral and Poster Presentation:

1. Oral Presentation was done on topic, in **3<sup>rd</sup> International Conference** on Bacteriophage Research and Antimicrobial Resistance (ICBRAR – 2022) 26 & 27th November 2022.  
**“Genotypic characterization of *Porphyromonas gingivalis* isolated from oral cavity – A Microbiological study”**,
2. Poster Presentation in ASSOPICON-2016, Department of Physiology, Shri B M Patil Medical College, Hospital & RC, Vijayapura-586103, Karnataka, India, **“Healthy mouth to healthy heart ! how much we know our heart microorganism”**,

## Workshops

- **Resource person** in the ‘Hands-on Workshop on Basic Technique of Cell Culture’ from 21st to 23rd September 2017 held at Maratha Mandal’s NGH Institute of Dental Sciences & Research Centre, Belgaum
- **Resource person** in the ‘Hands-on Workshop on Cultivation and Identification of Oral Anaerobes’ on 21st April 2017 and 22nd April 2017 held at Maratha Mandal’s NGH Institute of Dental Sciences & Research Centre, Belgaum.
- **Resource person** in the hands-on workshop on ‘ELISA’ on 20th May 2016 at Maratha Mandal’s NGH Institute of Dental Sciences & Research Centre, Belgaum
- **Resource person** at 13th ISP National Pre-Convention Programme for the live demonstration (hands on) “Basic and Recent Advances in Diagnostic Technology in Oral

Microbiology” held at A.J. Institute of Dental Sciences, Mangalore on 7th of March 2014.

- **Resource person** for the ‘Workshop on PCR techniques’ held in Maratha Mandal’s NGH Institute of Dental Sciences & Research Centre, Belgaum on 21-24th Sept 2011.
- **Attended workshop** under title “ **Harnessing Nature.s Diversity: Integrating Phytochemicals, Cell culture and bioinformatics for Drug Discovery**” held in KLE, Basic Science research center(BSRC), Belagavi in collaboration with Indian Institute of Medical Research (ICMR), Belagavi.
- Attended workshop under title “Molecular Diagnosis of Infectious and Non Infectious Diseases held in B M Patil Medical College and Hospital Vijayapur
- Attended for one day seminar titled “Empowering the Hard and Soft skills: A key to Success” on Saturday, 8th February 2020 at Maratha Mandal’s NGH Institute of Dental Sciences & Research Centre, Belgaum
- Attended at one day seminar cum workshop "Missing Links in Scientific Writing" on Saturday, 3rd August 2019 at Maratha Mandal’s NGH Institute of Dental Sciences & Research Centre, Belgaum.
- Attended in the hands in workshop on ‘Workshop on Research Methodology’ on 29th to 31st of August 2016 at Maratha Mandal’s NGH Institute of Dental Sciences & Research Centre, Belgaum.
- Attended the workshop titled ‘Infection Control’ organized by Maratha Mandal’s NGH Institute of Dental Sciences & Research Centre, Belgaum on 23rd Sept 2015.
- Attended ‘One day faculty Development program’ conducted by RGUHS, Karanataka held at Maratha Mandal’s NGH Institute of Dental Sciences & Research Centre, Belgaum on 22nd Sept 2014.

**Residential address:**

15<sup>th</sup> Kasturi Building Basav Colony, Nehru Nagar,  
Belgaum-590010

**Date of Birth:** 04/01/1977

