

CURRICULUM VITAE

- 1. Name** : Dr. Chetana. Bogar.
- 2. Date of Birth** : 24/04/1971
- 3. Nationality** : Indian
- 4. Marital Status** : Married
- 5. Working Experiences:** Lecturer (BDS) – 6years
Research Officer – 8 Years
- 6. Permanent Address :** “RATNA NIWAS” H.No. 2113,
Kore Galli, Shahapur, Belgaum. 590003
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7. Qualifications:

Degree	College	University	Year
B.D.S	K.L.E.S.'Institute of Dental Sciences, Belgaum	Karnataka University Dharwad	1997
M.Sc Oral Biology	Maratha Mandal's NGH Institute of Dental Sciences Belgaum.	Rajiv Gandhi University Of Health Sciences, Bangalore	2012-2014

8. Permanent Reg. No. (KSDC) 4308 –A

9. Experience

1. Lecturer at K.L.E.S.'s.Institute.of Dental Sciences ,Belgaum
from 01-12-1997 to 13-01-2001
2. Lecturer at Maratha Mandal's NGH Institute of
Dental Sciences and Research Centre, Belgaum from 1-9-2009 to 14-10- 2012
3. Research Officer at Maratha Mandal's NGH Institute of
Dental Sciences and Research Centre, Belgaum from 1-5-2015 till date

10. Dissertation during MSc Oral Biology (2013-14) :

Identification and characterization of Actinomyces viscosus and Actinomyces naeslundii from supragingival plaque in healthy and chronic periodontitis subjects.

11. Projects:

1. Principal Investigator: RGUHS Project **Project Code: 19DEN088** for the Year 2019 -20

Title of the project: Antifungal activity of *Trachyspermum ammi* (Ajwain) alone and in amalgamation with antifungal drugs against select species of oral *Candida* – An invitro study.

2. Co - Principal Investigator: RGUHS project for the year 2015-16

Title of the project: Evaluation of anticancer activity of tea tree oil i.e *Malaleuca Alternifolia*.

12. Research Experience as Research officer.

Research Experience as Research Officer.		
Duration	Institution	Particulars of work done
2014-2015	Central Research Laboratory. Maratha Mandal's NGH Institute of Dental Sciences and Research Centre, R. S. No. 47A/2, Near K.S.R.P Ground, Bauxite Road, Belagavi-590010	Evaluation of anticancer activity of <i>Triticum aestivum</i> (wheat grass)
2015-2016	Central Research Laboratory. Maratha Mandal's NGH Institute of Dental Sciences and Research Centre, R. S. No. 47A/2, Near K.S.R.P Ground, Bauxite Road, Belagavi-590010	Evaluation of anticancer activity of <i>Melaleuca alternifolia</i> i.e tea tree oil. Grant received from rajiv gandhi university of health sciences,bangalore total amount 85,000/
2016	Central Research Laboratory. Maratha Mandal's NGH Institute of Dental Sciences and Research Centre, R. S. No. 47A/2, Near K.S.R.P Ground,	Invitro anticancer activity of endophytic fungal extracts from cladosporium family isolated from <i>cyathocline purpura</i> (d.don) o. ktze

	Bauxite Road, Belagavi-590010	
2016	Central Research Laboratory. Maratha Mandal's NGH Institute of Dental Sciences and Research Centre, R. S. No. 47A/2, Near K.S.R.P Ground, Bauxite Road, Belagavi-590010	A comparative evaluation of polymeric leaching tendency and cytotoxicity of two different thermoplastic sheaths used for clear aligner - An invitro study
2016-2017	Central Research Laboratory. Maratha Mandal's NGH Institute of Dental Sciences and Research Centre, R. S. No. 47A/2, Near K.S.R.P Ground, Bauxite Road, Belagavi-590010	Isolation and characterization of stem cells from various dental tissues. RGUHS Project of 4,00,000/-
2018	Central Research Laboratory. Maratha Mandal's NGH Institute of Dental Sciences and Research Centre, R. S. No. 47A/2, Near K.S.R.P Ground, Bauxite Road, Belagavi-590010	Comparative effect of iPRF of controlled diabetic and non diabetic subjects on the cell migration and priliferation of gingival fibroblasts
2018	Central Research Laboratory. Maratha Mandal's NGH Institute of Dental Sciences and Research Centre, R. S. No. 47A/2, Near K.S.R.P Ground, Bauxite Road, Belagavi-590010	To evaluate the functional differentiation potential of human of human dental pulp stem cells under the influence of MTA, Biodentine and Enamel matrix derivative (Emdogain)
2018	Central Research Laboratory. Maratha Mandal's NGH Institute of Dental Sciences and Research Centre, R. S. No. 47A/2, Near K.S.R.P Ground, Bauxite Road, Belagavi-590010	Cytotoxic assessment of commonly used orthodontic archwires on human gingival fibroblasts : an invitro study.
2018	Central Research Laboratory. Maratha Mandal's NGH Institute of	Effect of curcumin nanoparticles on inflamed and healthy granulation tissue

	Dental Sciences and Research Centre, R. S. No. 47A/2, Near K.S.R.P Ground, Bauxite Road, Belagavi-590010	stem cells – A comparative in vitro study.
2018	Central Research Laboratory. Maratha Mandal's NGH Institute of Dental Sciences and Research Centre, R. S. No. 47A/2, Near K.S.R.P Ground, Bauxite Road, Belagavi-590010	Biocompatibility and cytotoxicity of polymerized denture base resins and interim resin material cultured on human gingival fibroblasts
2019	Central Research Laboratory. Maratha Mandal's NGH Institute of Dental Sciences and Research Centre, R. S. No. 47A/2, Near K.S.R.P Ground, Bauxite Road, Belagavi-590010	To evaluate and compare the efficacy of 10% doxycycline gel and 1% chlorhexidine digluconate gel in disinfection of sunblasted acid etched titanium implant surface contaminated with Porphyromonas gingivalis
2019	Central Research Laboratory. Maratha Mandal's NGH Institute of Dental Sciences and Research Centre, R. S. No. 47A/2, Near K.S.R.P Ground, Bauxite Road, Belagavi-590010	Evaluation and characterization of stem cells derived from inflamed and healthy granulation tissue sites and their sheath functionalities: A comparative invitro study
2019	Central Research Laboratory. Maratha Mandal's NGH Institute of Dental Sciences and Research Centre, R. S. No. 47A/2, Near K.S.R.P Ground, Bauxite Road, Belagavi-590010	Biocompatibility and cytotoxicity of polymerized denture base resins and interim resin material cultured on human gingival fibroblasts - An invitro study.
2019	Central Research Laboratory. Maratha Mandal's NGH Institute of Dental Sciences and Research Centre, R. S. No. 47A/2, Near K.S.R.P Ground,	Assessment of the effects of hydrogen water on human gingival fibroblast cell culture in patients with chronic periodontitis – An ex vivo study

	Bauxite Road, Belagavi-590010	
2020	Central Research Laboratory. Maratha Mandal's NGH Institute of Dental Sciences and Research Centre, R. S. No. 47A/2, Near K.S.R.P Ground, Bauxite Road, Belagavi-590010	A comparative evaluation of the proliferatory activity between emdogain and nanocurcumin on the human periodontal ligament fibroblasts : An invitro study
2020	Central Research Laboratory. Maratha Mandal's NGH Institute of Dental Sciences and Research Centre, R. S. No. 47A/2, Near K.S.R.P Ground, Bauxite Road, Belagavi-590010	Evaluating and comparing antifungal efficacy of aloe vera and tulsi incorporated in denture soft liner:an invitro study
2021	Central Research Laboratory. Maratha Mandal's NGH Institute of Dental Sciences and Research Centre, R. S. No. 47A/2, Near K.S.R.P Ground, Bauxite Road, Belagavi-590010	Comparative evaluation of effect on the activity of periodontal ligament fibroblasts from older and younger individuals following low level laser therapy – An Ex vivo study
2021	Central Research Laboratory. Maratha Mandal's NGH Institute of Dental Sciences and Research Centre, R. S. No. 47A/2, Near K.S.R.P Ground, Bauxite Road, Belagavi-590010	To evaluate the cytotoxicity of ozonated olive oil mixed with denture adhesive, clotrimazole mixed with denture adhesive and denture adhesive against human gingival fibroblasts.
2021	Central Research Laboratory. Maratha Mandal's NGH Institute of Dental Sciences and Research Centre, R. S. No. 47A/2, Near K.S.R.P Ground, Bauxite Road, Belagavi-590010	Invitro evaluation of antimicrobial activity of ethanolic extract of cuminium cyminium in comparison to calcium hydroxide as intracanal medicament on common Bacteria of endodontic infections.

2021	Central Research Laboratory. Maratha Mandal's NGH Institute of Dental Sciences and Research Centre, R. S. No. 47A/2, Near K.S.R.P Ground, Bauxite Road, Belagavi-590010	Assessment of the PDL stem cells isolation, differentiation using antibody marker and colony forming unit in deciduous and permanent teeth.
2021	Central Research Laboratory. Maratha Mandal's NGH Institute of Dental Sciences and Research Centre, R. S. No. 47A/2, Near K.S.R.P Ground, Bauxite Road, Belagavi-590010	Effect of 1% Myristica fragrans on human gingival fibroblasts to evaluate cell proliferation, viability and cytotoxicity – An invitro study
2021	Central Research Laboratory. Maratha Mandal's NGH Institute of Dental Sciences and Research Centre, R. S. No. 47A/2, Near K.S.R.P Ground, Bauxite Road, Belagavi-590010	Evaluation of pulp tissue viability using adhere universal bonding agent, theracal PT, Platelet rich fibrin as a pulp capping agent.
2021	Central Research Laboratory. Maratha Mandal's NGH Institute of Dental Sciences and Research Centre, R. S. No. 47A/2, Near K.S.R.P Ground, Bauxite Road, Belagavi-590010	Assessment of ascorbic acid augmented Alb-PRF on cell proliferation, viability and migration on human gingival fibroblasts – An invitro study

13. Research Specialization:

(Major scientific fields of interest)

- i) Stem cell isolation from various dental sources
- ii) Characterization of stem cells
- iii) Induction of stem cell differentiation
- iv) Identification of stem cells
- v) Various assays like
 - a) MTT assay
 - b) Neutral Red assay

- c) Crystal Violet assay
- d) Trans well migration assay
- e) XTT assay
- f) LDH assay
- g) CCK 8 assay
- h) Alkaline phosphatase assay
- i) Colony forming unit assay
- j) Immunocytochemistry
- k) Alizarin red assay
- l) Oil red O assay
- m) Alcian Blue assay.
- vi) Microbiological procedures like MIC, MBC, Time kill curve
- vii) Molecular techniques like PCR, Gel electrophoresis.

14. Continuing Dental Education (CDE) Attended:

1. Hands on e-training program on modern ICT tools for teaching learning process on 26th and 27th November 2021.
2. CDE – Human Value, Yoga and Wellness on 18th August 2021, MMDC, Belagavi.
3. CDE – Professional Ethics on 9th June 2021. MMDC, Belagavi
4. CDE – Professional Negligence in dental practice on 16th June, 2021. MMDC, Belagavi
5. Seminar cum workshop – Empowering the hard and soft skills: A key to success on 8th February, 2020. MMDC, Belagavi
6. Online training programme – Research ethics, GCP and current regulations for clinical trials. 12th November 2020

7. 46th Karnataka State & 5th Interstate Dental Conference on 13th to 16th December 2018, Bangalore
8. Seminar – Growing Menace of predatory journals on 26th April 2018, Belagavi.
9. Workshop – Ethical Issues in research involving human subjects on 30th April 2018, KLE university, Belagavi.
10. CDE – PERIOSTAV on 11th February 2017. MMDC, BELAGAVI
11. CDE – Sensitization session on assessment practices on 11th March 2017 at MMDC, Belagavi.
12. XV National Triple-0 Symposium on 16th 17th & 18th February 2017. KLE University, Belagavi
13. 20th National Convention of society of pharamacognosy on 26th & 27th March 2016. KLE BELAGAVI
14. 44th Karnataka State & 3rd Interstate Dental Conference On 8th, 9th, 10th & 11th DECEMBER 2016 at HUBLI, KARNATAKA
15. “Evidence based dentistry” on 11-4-2014 – Dept of Oral pathology MMDC Belgaum – 6 credit points.
16. “Research in dentistry – An overview” on 19-11-2013 – Dept of periodontology – 5 credit points.
17. “Caries excavation – A paradigm shift..?” on 20-6-2013 – Dept of pedodontics MMDC Belgaum – 6 credit points.
18. “Laminates and veneers” on 20-2-2013 – Dept of conservative dentistry & endodontics MMDC Belgaum – 3 credit points.
19. “Essentials of imaging in dentistry” on 14-2-2013 – Dept of Oral Medicine MMDC Belgaum – 4 credit points.
20. “Antibiotics in dentistry” on 4-1-2013 – Dept of periodontology MMDC Belgaum – 6 credit points.
21. “Dental safety essentials for clinical practitioners” on 6-8-2012 – CDE cell MMDC Belgaum – 3 credit points.
22. “Early prevention of caries, Bleaching and All ceramic crowns” on 28-4-2012 – Dept of conservative dentistry & endodontics MMDC Belgaum – 4 credit points.

23. “Periomed - 2011” on 7-9-2011 – Dept of periodontology MMDC Belgaum – 5 credit points.
24. “Research Methodology and Biostatistics” on 28th & 29th July 2011- CDE cell MMDC Belgaum – 4 credit points.
25. “World Cancer Day” on 3-2-2011- Dept of Oral Pathology MMDC Belgaum – 2 credit points.
26. “Occlusion and Malocclusion Problems” on 6-12-2010 – Dept of periodontology MMDC Belgaum – 2 credit points.

15. Continuing Medical Education (CME) attended:

“Recent trends in anaerobic infections” on 22-6-2013 – Dept of Microbiology JNMC Belgaum.

16. Conventions Attended

1. V – SCIENTIFIC PG CONVENTION on 6th & 7th DECEMBER, 2016 at MMDC, BELAGAVI
2. Second Scientific Convention Dec 2013 at Maratha Mandal’s Nathajirao G Halgekar Institute of Dental Sciences & Research Centre, Belgaum
3. First Scientific Convention Dec 2011 at Maratha Mandal’s Nathajirao G Halgekar Institute of Dental Sciences & Research Centre, Belgaum
4. Third Scientific Convention Feb 1999 K L E S’s Institute Of Dental Sciences Belgaum.

17. Workshops attended

1. Workshop – Clinical and research applications of Flowcytometry on April 15th and 16th 2022 at Dr Prabhakar Kore Basic Science Research Centre, KLE Academy of Higher Education and Research (KAHER).
2. Workshop – Missing links in Scientific writing on 3rd August 2019. MMDC, Belagavi
3. Workshop – Basic course in educational methodology on 13th & 14th August, 2019. MMDC, Belagavi
4. Hands on workshop on IHC on 16th September 2016 at MMDC, Belagavi.
5. Hands on workshop on ELISA on 20th May, 2016 at MMDC, Belagavi.
6. Workshop on “Techniques on PCR” on 21st to 24th Sept 2011 – CDE cell at Maratha Mandal’s Nathajirao G Halgekar Institute of Dental Sciences & Research Centre, Belgaum
7. Hands-on in “Endodontic Restorative Continnum” organized by IDA Dharwad, at Hubli on 3-10-2010.
8. “Workshop on anterior composite restoration” on 16-9-2010 at Maratha Mandal’s Nathajirao G Halgekar Institute of Dental Sciences & Research Centre, Belgaum.
9. “Workshop on HIV/AIDS” on 1-12-2009 at Maratha Mandal’s Nathajirao G Halgekar Institute of Dental Sciences & Research Centre, Belgaum.

18. Presentations Made:

S.No	Title of presentation	Name of staff/PG	Paper	Title of conference,Date/Place	National/International/Regional
1	Triticum aestivum (wheat grass) exhibited anticancer activity on oral cancer (KB) cell line.	Dr Chetana Bogar	Faculty Paper	44 th Karnataka State & 3 rd Interstate Dental Conference. 8 th , 9 th , 10 th & 11 th DECEMBER 2016. HUBLI	NATIONAL
2	Evaluation of anticancer activity of Malaleuka alternifolia (tea tree oil) on laryngeal cancer cell line. (Co author)	Dr Chetana Bogar	Faculty Paper	44 th Karnataka State & 3 rd Interstate Dental Conference. 8 th , 9 th , 10 th & 11 th DECEMBER 2016. HUBLI	NATIONAL
3	Isolation and culture of stem cells from oral and dental tissues	Dr Chetana Bogar	Guest Speaker	Hands on workshop on basic technique of cell culture. 21 st , 22 nd , & 23 rd September 2017. MMDC, Belagavi	Regional
4	Occurrence of Actinomyces in supragingival plaque of healthy & chronic periodontitis subjects in and around Belagavi city.	Dr Chetana Bogar	Scientific presentation	XV National Triple 0 Symposium. 16 th to 18 th February 2017. KLE University. Belagavi	NATIONAL
5	Resource person in Hands on workshop on ELISA	Dr Chetana Bogar	Resource person	Hands on workshop in ELISA. 20 th May 2016	Regional
6	Anticancer activity of wheat grass	Dr Chetana Bogar	Poster presentation	20 th National convention of society of pharmacognosy. 26 th and 27 th March, 2016. KLE Belagavi.	NATIONAL

19. List of Publications

1. Hattarki SA, **Bogar C**, Bhat KG. Green Tea Catechins showed antibacterial activity on *Streptococcus mutans* – An invitro study. *Indian J Dent res* 2021;32:226-9.
2. Sanjeevini A Hattarki, **Chetana Bogar**, Kishore Bhat. *Triticum aestivum* (Wheat grass) exhibited anticancer activity on oral cancer (KB) cell line. *Int J Pharma Res Health Sci* 2020;8:3220-3224.
3. Mandroli PS, Prabhakar AR, Bhat K, Krishnamurthy S, **Bogar C**. An invitro evaluation of cytotoxicity of curcumin against human periodontal ligament fibroblasts. *AYU* 2019;40:192-5.
4. Pednekar HD, Hegde HV, Hurakadale PJ, Wagawade JD, Bhat KG, **Bogar C**. Cytotoxic activity of endophytes isolated from *Allamanda blanchetii* A. DC. *Indian J Health Sci Biomed Res* 2019;12:112-6.
5. Bulbule AM, Mandroli PS, Bhat KG, **Bogar CM**. In vitro evaluation of cytotoxicity of *Emblica officinalis* (amla) on cultured human primary dental pulp fibroblasts. *J Indian Soc Pedod Prev Dent* 2019;37:XX-XX.
6. Prasanna T Dhahake, Nikita P Panpaliya, Yogesh J Kale, Mahesh V Dhadpe, Shrikant B Kendre, **Chetana Bogar**. Response of human dental pulp stem cells to three bioinductive materials – An in vitro experimental study. *Saudi Dental Journal* 2019;32:43-51.
7. Sujata Byahatti, **Chetana Bogar**, Kishore Bhat, Girish Dandagi. Evaluation of anticancer activity of *Melaleuka Alternifolia*. (i. e. tea tree oil) on Breast cancer cell line (MDA MB)- An invitro study. *IP International Journal of Medical Microbiology and Tropical Diseases*, July-September, 2018;4(3):176-180
8. Sujata Byahatti, **Chetana Bogar**, Kishore Bhat, Girish dandagi. Evaluation of anticancer activity of *Melaleuka Alternifolia* on Cervical cancer cell line (Hela) - an invitro study. *Int J Pharma Res Health Sci*. 2018; 6 (4): 2729-34

9. Sujata M. Byahatti, **Chetana Bogar**, Kishore Bhat, Girish Dandagi. Evaluation of anticancer activity of *Melaleuca alternifolia* (i.e., tea tree oil) on colon cancer cell line (HT29) - An *in vitro* study. Journal of Advanced Clinical & Research Insights 2018, 5, 99–103
10. Sujata Byahatti, **Chetana Bogar**, Kishore Bhat and Girish Dandagi. Evaluation of anticancer activity of *Melaleuca alternifolia*. (i. e. tea tree oil) on Leukemia cancer cell line (K562): An *in vitro* study. Journal of Medicinal Plants Studies 2018; 6(5): 01-06
11. Sanjeevini A.Hattarki, **Chetana. Bogar**. Triticum aestivum(wheat grass); A power house plant - A review. DJAS 5(I), 25-29, 2017
12. Harsha D. Pednekar¹, Dr. Harsha V. Hegde, Pramod J. Hurakadale, Kishore Bhat, **Chetana Bogar** ,Jyoti Wagawade. In vitro anticancer activity of endophytic fungal extracts from cladosporium family isolated from cyathocline purpurea (d. don.) o. ktze. European Journal of Biomedical and Pharmaceutical Sciences. 2017,4,412-416.
13. Satish S. Bhat, Vidyanand K. Revankar, Rahul V. Pinjari, Naveen S,c
Chetana Bogar, Kishor Bhat and Vitthal A. Kawadee. Efficient DNA condensation by ruthenium(II) polypyridyl complexes containing triptyceny functionalized 1,10-phenanthroline. NewJ.Chem., 2017,41, 5513
14. Varsha choudhary, preeti ingalagi, **Dr.chetana bogar**, Dr.sunil rao and Dr.kishore+ bhat. Utility of silver nitrate staining in detection of spirochetes from oral cavity of periodontally healthy and diseased individuals. Int J Pharm Bio Sci 2012 Oct; 3(4):980 - 98
15. **Dr Chetana. Bogar**. Oral Brush Biopsy – As a routine diagnostic procedure. Dentistry Today 2011; 8: 9,23.

