



CURRICULUM VITAE

ANIL Sukumaran,
BDS, MDS, PhD, FICD, FPFA

PERSONAL DETAILS

Name	ANIL SUKUMARAN
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Date of Birth	May 23, 1962
Address Work	Dr. ANIL SUKUMARAN, BDS, MDS, PhD Associate Professor, Division of Periodontics Department of PDS, College of Dentistry King Saud University P.O. Box: 60169, RIYADH 11545 Kingdom of Saudi Arabia
Permanent Address	Dr. ANIL SUKUMARAN. 4C , Saraswathy Nilayam Apts Jawahar Nagar, Kowdiar Trivandrum - 695041 Kerala, INDIA
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EDUCATION

Doctorate	2002, PhD (Periodontology/Oral Microbiology), University of Hong Kong, Hong Kong
Masters	1989, MDS (Periodontology) Govt. Dental College, Trivandrum, University of Kerala, India.
Bachelors	1984, BDS - Govt. Dental College, Trivandrum, University of Kerala, India.
Advanced Training	1995, Invited Researcher (Sabbatical Training), UK Centre for Oral HIV Studies, UMDS Guys Hospital, London (One year).
Honorary Fellowships	2004, FICD, International College of Dentists, USA 2004, FPFA , Fellow of the Pierre Fauchard Academy, USA.

APPOINTMENTS

Associate Professor	Division of Periodontics Department of PDS, College of Dentistry King Saud University P.O. Box: 60169, RIYADH 11545 Kingdom of Saudi Arabia 23 rd April 2004 Onwards
Professor and Head Department of Periodontics	PMS College of Dental Sciences and Research, Golden Hills,, Trivandrum-695 028 From 1 st December 2003 onwards.
Associate Professor	Department of Periodontics and Community Dentistry, Government Dental College and Hospital, Trivandrum, Kerala INDIA, from 23 rd December 1990 to 31 st October 2003.
Assistant Professor	Department of Periodontics and Community Dentistry Government Dental College and Hospital, Trivandrum, Kerala INDIA from 23 rd October 1989 to 22 nd December 1990.
Lecturer	Department of Periodontics and Community Dentistry, Government Dental College and Hospital, Trivandrum, Kerala INDIA

19th August 1985 to 22nd October 1989.

Senior House Officer Department of Pedodontics, Government Dental College and Hospital, Trivandrum, Kerala INDIA from 18th December 1984 to 17th June 1985

House Officer Government Dental College and Hospital, Trivandrum, Kerala INDIA from 15th May 1984 to 14th November 1984.

Post Graduate Teaching and Supervision

1. 16 years of Post graduate teaching experience in Dentistry.
2. Currently supervising one postgraduate student (Master of Dental Science) in the specialty of Periodontics at King Saud University.
3. Supervised 14 Post graduate student's thesis (Master of Dental Surgery MDS) Students at three universities in India.
4. Curriculum Development Committee and Academic Council Member - Postgraduate Dental Programme at University of Kerala and University of Calicut, India.

AWARDS AND HONOURS

1. **Scholarship for doctoral studies (PhD)** at the Faculty of Dentistry, by the University of Hong Kong, Hong Kong, 1999-2002.
2. **Wang Gungwu Scholarship** for research students by the Robert Black College, University of Hong Kong, Hong Kong, 1999-2002.
3. Certificate of Merit for securing **First Rank in the Bachelor of Dental Surgery (BDS)** examination, University of Kerala, Kerala, 1984.
4. **Gold Medal** for the best outgoing student of the year 1984, University of Kerala, awarded by the Indian Dental Association.
5. Certificate of Merit for securing **highest marks in Periodontology in the BDS examination** 1984 awarded by the Indian Society of Periodontology.

6. Dr. V. Sankara Sashtiapdapurthi Memorial Endowment Certificate of Merit and Cash Award for securing **highest marks in Oral and Maxillofacial Surgery** during the year 1984.
7. **Certificate of Honour** for securing First Rank in the BDS examination, 1984 instituted by the Dental Students Association, Kerala.
8. Binaca Rolling Trophy for the **best outgoing student** of the year 1984, Govt. Dental College, Trivandrum (University of Kerala) instituted by the Silver Jubilee Committee of the Govt. Dental College, Trivandrum.
9. Indian Society of Periodontology **award for the essay competition** held by the society during the year 1988.
10. **Young Achiever Award Kamalpathra** 1991 from Junior Chamber of India, awarded for the professional achievements and voluntary health services rendered to the community.
11. Dr. Ratan H. Doctor Memorial **National award for the best member, Indian Dental Association**, 1991. The national award is the highest recognition for a dentist and is based on the academic, professional, social and organizational achievements.
12. Indian Dental Association **award for the best clinical paper** published in Kerala Dental Journal for the year 1992.
13. Certificate of **Appreciation for participation in the All Indian Dental Essay Competition**, 1989, held by Council on Dental Health of the Indian Dental Association 1989.
14. **State Merit Scholarship** for the premedical course, awarded by the Government of Kerala 1977 to 1979.

Invited Speaker (Key Note Address)

1. *Epidemiology of oral lesions in HIV infection - lesions in Asia* (Keynote Address), at **3rd International Workshop on Oral Manifestations of HIV Infection including Clinical Study Day at London**, 29th May to 1st June, 1996.
2. *HIV infection and AIDS in India* at the **85th Annual World Dental Congress (FDI) at Seoul** on 7th September, 1997.
3. *Identifying what is required to improve periodontal health in developing nations* at the **Symposium on Periodontal Needs of Developing Nations at Monte Carlo, 1995.**
4. *Defining the current problems and deficiencies in the management of periodontal diseases in developing nations* at the **Symposium on Periodontal Needs of Developing Nations at Monte Carlo, 1995.**
5. *HIV/AIDS infection and dentistry - the Indian experience* at the **10th International Conference on AIDS / International Conference on STD at Yokohama, Japan, 1994.**

SCIENTIFIC PUBLICATIONS

Thesis

1. **Anil S.** *In vitro* studies on *Candida*, antimycotics and oral defences. **PhD** thesis 2002. Faculty of Dentistry, University of Hong Kong, Hong Kong.
2. **Anil S.** Cell-mediated and humoral immune response in diabetic patients with periodontitis, **MDS** Thesis 1989. Faculty of Dentistry, University of Kerala, India.

Books

Anil S, Samaranayake LP, Krygier G. Infection control in dental practice. Eds. Anil S, Samaranayake LP, Krygier G. AITBS publishers, India; 1988.

CHAPTERS IN BOOKS

- a. **Anil S.** Defining the current problems and deficiencies in the management of periodontal disease in developing countries: the problems in India. In: **Pack ARC and Newman HN (Eds.). Periodontal Needs of Developing Nations.** Science Reviews Limited, Middlesex, UK pp. 17- 29,1996.

- b. **Anil S.** Identifying what is required to improve periodontal health in the Indian subcontinent. In: **Pack ARC** and **Newman HN (Eds.). Periodontal Needs of Developing Nations.** Science Reviews Limited, Middlesex, UK pp. 51- 61, 1996.

OTHERS

Associate Editor: Research Report of the Faculty of Dentistry, University of Hong Kong 1997-1998 (Samaranakaye LP, Chu FCS, Anil S. Research Report, University of Hong Kong Press, Hong Kong, 1999.

PEER REVIEWED / PUBLICATIONS

1. Anil S. Alsqah MN, Rajendran R. Burning Mouth Syndrome: Diagnostic appraisal and management strategies. Saudi Dental Journal 19(3):128-138, 2007.
2. Al-Ghamdi HS , **Anil S.** Serum Antibody Levels in Smoker and Non-Smoker Saudi Subjects With Chronic Periodontitis, Journal of Periodontology 78 (6) June 2007.
3. **Anil S.** Solitary Plasmacytoma of maxilla - a case report and review of the literature. General Dentistry 55(1):39-43, 2007.
4. **Anil S.** Quantitation of immunoglobulins in gingival tissue of type 2 diabetic patients with periodontitis. Indian Journal of Dental Research 17(4):151-154, 2006.
5. **Anil S,** Al Ghamdi HS. The Impact of Periodontal Infections on Systemic Diseases - An update for medical practitioners. Saudi Medical Journal 27 (6): 767-776,2006
6. **Anil S,** Al-Ghamdi HS. A method of gauging dental radiographs during treatment planning for dental implants. J Contemporary Dental Practice 8(6):82-88, 2007.
7. **Anil S.** Plasma cell gingivitis among herbal toothpaste users: a report of three cases. J Contemporary Dental Practice. 8(4):60-66, 2007.
8. Al-Ghamdi HS, Mokeem SA, **Anil S.** Current concepts in alveolar bone

- augmentation: A critical appraisal. *Saudi Dental Journal* 19(2):74-90, 2007.
9. **Anil S.** Free at last: The future of scientific reach out (Editorial). *Saudi Dental Journal* 19(2):74-90, 2007.
 10. **Anil S, Samaranayake LP.** Brief exposure to antimycotics reduces the extracellular phospholipase activity of *Candida albicans* and *Candida tropicalis*. ***Chemotherapy*** 49: 243-247,2003.
 11. Samaranayake YH, Samaranayake LP, Yau JYY, Dassanayake RS, Li TKL, **Anil S.** Phenotypic diversity of oral *C. albicans* isolated on single and sequential visits in an HIV-infected Chinese cohort. ***Acta Pathologica, Microbiologica et Immunologica Scandinavica (APMIS)*** 111: 329 - 337, 2003.
 12. **Anil S, Samaranayake LP.** Impact of lysozyme and lactoferrin on oral *Candida* isolates exposed to polyene antimycotics and fluconazole. ***Oral Diseases*** 8 (4): 199-206; 2002.
 13. **Anil S, Ellepola AN, Samaranayake LP.** The impact of polyene, azole, and DNA analogue antimycotics on the cell surface hydrophobicity of *Candida albicans* and *Candida tropicalis* in HIV infection. ***Mycopathologia*** 153(4):179-85; 2002.
 14. **Anil S, Ellepola AN, Samaranayake LP.** Post-antifungal effect of polyene, azole and DNA-analogue agents against oral *Candida albicans* and *Candida tropicalis* isolates in HIV disease. ***Journal of Oral Pathology Medicine*** 30(8): 481-8; 2001.
 15. Samaranayake LP, **Anil S, Scully CS.** Occupational hazards in dentistry: Part 1. *FDI WORLD* 4: 8-12, 2001.
 16. Samaranayake LP, **Anil S, Scully CS.** Occupational hazards in dentistry: Part 2. *FDI WORLD* 5: 14-18, 2001
 17. Nair RG, **Anil S, Samaranayake LP.** The effect of oral bacteria on *Candida albicans* germ-tube formation. ***Acta Pathologica, Microbiologica et Immunologica Scandinavica*** 109(2): 147-54; 2001.
 18. **Anil S, Ellepola AN, Samaranayake LP.** The impact of chlorhexidine gluconate on the relative cell surface hydrophobicity of oral *Candida albicans*. ***Oral Disease*** 7(2): 119-22; 2001.

19. **Anil S**, Ellepola AN, Samaranayake LP, Beena VT. Tuberculous ulcer of the tongue as presenting feature of pulmonary tuberculosis and HIV infection. **General Dentistry** 48(4): 458-61; 2000.
20. **Anil S**, Lal PM, Gill DS, Beena VT. Metastasis of thyroid carcinoma to the mandible - Case report. **Australian Dental Journal** 44(1): 56-7; 1999.
21. **Anil S**, Beena VT, Lal PM, Varghese BJ. Chondrosarcoma of the maxilla. Case report. **Australian Dental Journal** 43(3): 172-4; 1998.
22. **Anil S**, Baiju FM. Current research in diagnostic methods for assessing periodontal disease. **Indian Journal of Dental Research** 9(4):120-3; 1998.
23. Beena VT, **Anil S**, Remani P, Vijayakumar T. Expression of lectin binding in oral submucous fibrosis. **Indian Journal of Dental Research** 9(3): 85-90; 1998.
24. **Anil S**, Challacombe SJ. Oral lesions of HIV and AIDS in Asia: an overview. **Oral Disease** 3 Suppl 1:S36-40; 1997.
25. **Anil S**, Samaranayake LP, Nair RG, Beena VT. Gingival enlargement as a diagnostic indicator in leukaemia. Case report. **Australian Dental Journal** 41(4): 235-7; 1996.
26. **Anil S**, Beena VT, Nair RG. Squamous cell carcinoma of the gingiva in an HIV-positive patient: a case report. **Dental Update** 23(10): 424-5; 1996.
27. **Anil S**, Beena VT, Ankathil R, Remani P, Vijayakumar T. Mandibulofacial dysostosis. Case report. **Australian Dental Journal** 40(1): 39-42; 1995.
28. **Anil S**, Beena VT, Nair RG, Vijayakumar T. Evaluation of serum beta 2-microglobulin in premalignant and malignant lesions of the oral cavity. **Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics** 79(6):750-2; 1995.
29. **Anil S**, Beena VT, Nair RG, Varghese BJ. Detection of HIV antibodies in saliva and its implications. **Indian Journal of Dental Research** 6(3): 95-8; 1995.
30. Nair RG, Samaranayake LP, Bhat M, **Anil S**. Attitudes and knowledge of Indian dental professionals about HIV infection and AIDS. **Community Dentistry and Oral Epidemiology** 23(3): 187-8; 1995.

31. Nair RG, Samaranayake LP, Bhat M, **Anil S**, Luangjermekron L, Itthagaran A. HIV disease: Perception amongst Indian and Thai dental professionals. **International Dental Journal** 45 (5): FC12 /128; 1995.
32. **Anil S**, Remani P, Beena VT, Nair RG, Vijayakumar T. Immunoglobulins in the saliva of diabetic patients with periodontitis. **Annals of Dentistry** 54(1-2): 30-3; 1995.
33. **Anil S**, Beena VT, Raji MA, Remani P, Ankathil R, Vijayakumar T. Oral squamous cell carcinoma in a case of dyskeratosis congenita. **Annals of Dentistry** 53(1): 15-8; 1994.
34. Ankathil R, **Anil S**, Vijayakumar T, Bhattathri VN, Madhavan VNJ, Nair KM. High risk predictive cytogenetic markers in oral premalignant conditions. **Oral Oncology**- Proceedings of the 3rd International Congress on Oral Cancer. Vol. 3 - A: 130-133; 1994.
35. **Anil S**, Philip T, Jacob O, Beena VT. Hyalinosis cutis et mucosae--a case report. **Journal of the Pierre Fauchard Academy** 7(3): 89-92; 1993.
36. **Anil S**, Beena VT. Oral submucous fibrosis in a 12-year-old girl: case report. **Pediatric Dentistry** 15(2): 120-2; 1993.
37. **Anil S**, Beena VT, Remani P, Mysore J, Vijayakumar T. Total hemolytic complement (CH50) and its fractions C3 and C4 in the sera of patients with localized juvenile periodontitis. **Annals of Dentistry** 52(1): 18-20; 1993.
38. **Anil S**, Raji MA, Beena VT, Vijayakumar T. Fracture of tooth by internal resorption: case report. **Endodontics and Dental Traumatology** 9(2): 79-80; 1993.
39. Ankathil R, Vijayakumar T, **Anil S**, Madhavan J, Nair MK. Spontaneous and mitomycin induced sister chromatoid exchange (SCE) frequencies in patients with premalignant and malignant oral lesions. **Journal of Experimental Clinical Cancer Research** 12:13-17, 1993.
40. **Anil S**, Shanavas KR, Beena VT, Remani P, Vijayakumar T. Quantitation of circulating immune complexes in patients with chronic periapical lesions. **Journal of the Nihon University School of Dentistry** 35(3): 175-8; 1993.
41. **Anil S**, Raji MS, Beena VT. Melanotic neuroectodermal tumor of infancy. Report of a case. **Indian Journal of Dental Research** 4(2): 65-7; 1993.

42. **Anil S**, Beena VT, Remani P, Haseenabeevi M, Vijayakumar T. Immunology of chronic generalized periodontitis. 2. Estimation of total hemolytic complement (CH 50) and its fractions C3 and C4. **Indian Journal of Dental Research** 2(3-4):35-9; 1991.
43. Haseenabeevi VM, Remani P, **Anil S**, Vijayakumar T. Plant lectins - histochemical and cytochemical applications in oncology. **Indian Journal of Dental Research** 2(3-4): 45-53; 1991.
44. **Anil S**, Remani P, Ankathil R, Vijayakumar T. Circulating immune complexes in localised juvenile periodontitis. **Singapore Dental Journal** 15(1): 17-9; 1990.
45. **Anil S**, Hari S, Vijayakumar T. Periodontal conditions of a selected population in Trivandrum District, Kerala, India. **Community Dentistry and Oral Epidemiology** 18(6): 325; 1990.
46. **Anil S**, Remani P, Vijayakumar T, Hari S. Cell-mediated and humoral immune response in diabetic patients with periodontitis. **Oral Surgery Oral Medicine Oral Pathology** 70(1): 44-8; 1990.
47. **Anil S**, Hari S, Remani P, Vijayakumar T, Ankathil R. Cell-mediated and humoral immune responses in patients with localized juvenile periodontitis. **Bulletin of the Kanagawa Dental College** 18(1): 3-6; 1990.
48. **Anil S**, Remani P, Ankathil R, Vijayakumar T. Circulating immune complexes in diabetic patients with periodontitis. **Annals of Dentistry** 49(2): 3-5, 45; 1990.
49. **Anil S**, Remani P, Vijayakumar T, Joseph PA. Total hemolytic complement (CH50) and its fractions (C3 and C4) in the sera of diabetic patients with periodontitis. **Journal of Periodontology** 61(1): 27-9; 1990.
50. **Anil S**, Hari S, Remani P, Vijayakumar T. Immunology of chronic generalized periodontitis. 1. Estimation of cellular and humoral immune status. **Indian Journal of Dental Research** 2(1): 127-32; 1990.
51. **Anil S**, Jacob OA, Hari S. Oral myiasis: a case report. **Annals of Dentistry** 48(2):28-30; 1989.
52. **Anil S**, Vijayakumar T. Oral manifestations of HIV infection. **Center for AIDS Research and Control Calling** 7 (2): 22-23; 1994.

53. **Anil S**, Manoj M, Varghese BJ, Beena VT. Chemical antiplaque agents - an update. **Bulletin of the Indian Society of Periodontology** 17: 67-69; 1994.
54. Nair MK, Devi UP, **Anil S**. Guided tissue regeneration - a new approach in periodontal therapy. **Bulletin of the Indian Society of Periodontology** 17: 55-56; 1994.
55. **Anil S**, Samuel SK, Beena VT. Oral lesions in HIV infection and AIDS. **Center for AIDS Research and Control Calling** 7: 39-41; 1994.
56. **Anil S**, Kaimal S, Beena VT. Hairy leukoplakia - a distinct clinical lesion. **Center for AIDS Research and Control Calling** 7: 34-38; 1994.
57. **Anil S**, Nair RG, Beena VT. Oral candidiasis - a potential expression of HIV infection. **Center for AIDS Research and Control Calling** 7: 19-21; 1994.
58. **Anil S**, Philip T, Madhu K, Beena VT, Vijayakumar T. Radiation caries- a rational approach towards its prevention and management. **Journal of Indian Dental Association** 64:9-12, 1993.
59. Nayar BR, Bai M, **Anil S**. Symmetrical gingival fibromatosis with advanced bone loss- report of a case. **Journal of Indian Dental Association** 64:233-235, 1993.
60. **Anil S**, Beena VT, Vijayakumar T. Current concepts of root surface treatment in periodontal therapy. **Bulletin of the Indian Society of Periodontology** 15 (3): 9-12, 1992.
61. Shanavas KR, **Anil S**, Vijayakumar T. Circulating immune complex (CIC) in malignant neoplasms. **Stomatologica India** 5 (2): 57-63, 1992.
62. **Anil S**, Rajendran R, Hari S, Vijayakumar T, Ankathil R. Acrocephalosyndactyly (Apert's syndrome)-a case report. **Journal of Indian Dental Association** 63: 17-20, 1992.
63. **Anil S**, Soman A, Ramachandran R, Beena VT, Vijayakumar T. Laser applications in dentistry - An overview. **Journal of Indian Dental Association** 63 (3): 101-106, 1992.
64. **Anil S**, Philip T, Mangalam MK, Beena VT. Necrotizing sialometaplasia - report of a case. **Journal of Indian Dental Association** 63 (7): 293-295, 1992.

65. **Anil S**, Gilbert M, Philip T, Haridas A, Beena VT. HIV/AIDS and Dentistry - control of cross infection. **Kerala Dental Journal** 16 (2): 609-615, 1992.
66. **Anil S**, Beena VT, Raji MA, Sreela LS, Vijayakumar T. Morphometric analysis of premaxillary supernumerary teeth. **Journal of Indian Dental Association** 63 (8): 337-341, 1992.
67. Shanavas KR, **Anil S**, Beena VT, Vijayakumar T. Circulating immune complexes (CIC) in malignant neoplasms. **Kerala Dental Journal** 15(2): 667-673, 1992.
68. **Anil S**. AIDS and Dentist - Some complementary issues. **Proceedings of the 25th Kerala State Silver Jubilee and Peninsular Conference**, 1992.
69. Joseph R, Cheru RT, Nandakumar K, Bai M, **Anil S**. The effect of citric acid as an adjunct to conventional root preparation in periodontal therapy- a clinical study. **Bulletin of the Indian Society of Periodontology** 16: 8-16, 1992.
70. Prabhakaran T, George KK, **Anil S**. Dentin hypersensitivity- an overview. **Kerala Dental Journal** 15:725-729, 1992.
71. **Anil S**. Oral manifestations in HIV infected patients. **Proceedings of the Kerala Science Congress**, Kozhikode pp. 246-247, 1991.
72. **Anil S**. Towards better dental awareness - Dental surgeons role and participation in public health dentistry. **Proceedings of the 23rd Kerala Dental Conference**, Cannanore pp. 19-22; 1991.
73. Nandakumar K, Bai M, **Anil S**, Joseph R. Effect of plaque control on periodontal tissues. **Kerala Dental Journal** 14 (3): 509-513; 1991.
74. **Anil S**, Vijayakumar T. Oral manifestations of HIV infection. **National Symposium on AIDS**, Commemoration Volume pp. 14-16, 1990.
75. **Anil S**. Posterior restorative resins inlay technique. **Journal of Stomatology Odontology and Maxillofacial Surgery** 11(1): 17-18, 1990.
76. Vijayakumar T, Shanavas KR, Remani P, **Anil S**, Rajendran R. Immunology and biochemistry of oral premalignant and malignant lesions. **Proceedings of the First Asian Congress on Oral Cancer. An overview of current problems on oral cancer**, 1990.

77. **Anil S**, Nandakumar K. Algae derived hydroxyapatite (Algipore) - A new bone implant material. **Journal of Stomatology Odontology and Maxillofacial Surgery** 1: 132, 1990.
78. **Anil S**. Collagen/Hydroxyapatite - A new implant for augmenting deficient alveolar ridges. **Journal of Stomatology Odontology and maxillofacial Surgery** 1 (6): 197-198, 1990.
79. Vivek V, Nair BJ, Pradeep CV, **Anil S**, Ramachandran G. Perforating internal resorption - a case report. **Journal of Stomatology Odontology and Maxillofacial Surgery** 2: 9-11, 1990.
80. **Anil S**, Ninan RK, Hari S. Idiopathic gingival fibromatosis - a case report. **Kerala Dental Journal** 12: 193-196, 1989.
81. Hari S, **Anil S**. Angular cheilitis - etiological review and clinical management. **Kerala Dental Journal** 13: 220-231, 1989.
82. Hari S, Mathew S, **Anil S**. Burning mouth syndrome-an etiologic and therapeutic approach. **Journal of Indian Dental Association** 60: (5) 81-83, 1989.
83. **Anil S**, Joseph R, Hari S. Nifedipine induced gingival hyperplasia-a case report. **Journal of Indian Dental Association** 60: (5) 81-83, 1989.
84. **Anil S**, Vijayakumar T. Oral manifestations of HIV infection. **Centre for AIDS Research and Control Calling** 2: 20-21, 1989.
85. Hari S, Mathew S, Mangalam MK, **Anil S**. Prevalence of oral lichen planus in a selected population of 26,254 patients in Trivandrum, South India. **Journal of Stomatology Odontology and Maxillofacial Surgery** 1: 107, 1989.
86. **Anil S**, Hari S. The bicortical screw: The self cutting bicortically supported titanium screw implant. **Journal of Stomatology Odontology and Maxillofacial Surgery** 1: 107, 1989.
87. Pradeep CV, **Anil S**. Polydioxanone (PDS). **Journal of Stomatology Odontology and Maxillofacial Surgery** 1: 69, 1989.
88. Hari S, **Anil S**. White lesions of the oral mucosa. **Journal of Stomatology Odontology and Maxillofacial Surgery** 1: 107, 1989.
89. Rajendran R, **Anil S**, Vijayakumar T. A rare human model for oncogenesis. **Singapore Dental Journal** 13(1): 49-52; 1988.

90. Rajendran R, **Anil S**. Dental office emergencies and statim medical complications - Part III. **Kerala Dental Journal** 11: 10-13, 1988.
91. Rajendran R, **Anil S**. Dental office emergencies and statim medical complications - Part IV. **Kerala Dental Journal** 11: 59-62, 1988.
92. Rajendran R, **Anil S**. Dental office emergencies and statim medical complications - Part V. **Kerala Dental Journal** 11: 155-157, 1988.
93. **Anil S**, Hari S. Halitosis-etiologic factors and management. **Kerala Dental Journal** 11: 67-70, 1988.
94. **Anil S**, Hari S. Periodontal disease in diabetics. **Kerala Dental Journal** 11: 115-119, 1988.
95. Rajendran R, **Anil S**, Vijayakumar T. Rare human model for oncogenesis. **Singapore Dental Journal** 13: 49-52, 1988.
96. Rajendran R, **Anil S**, Vijayakumar T. Risk of oral submucous fibrosis (OSMF) among the factory workers of Kerala, South India, exposed to cashew. **Proceedings of the First International Conference on Primary Health Care**, New Delhi, pp. 25-29, 1988.
97. **Anil S**, Hari S, Vijayakumar T. A randomised, placebo controlled double blind trial of oxytetracycline in acute phases of periodontal disease. **Dental Dialogue** 13: 31-33, 1988.
98. **Anil S**, Rajendran R. Central haemangioma of the maxilla - a case report. **Kerala Dental Journal** 10: 19-23, 1987.
99. **Anil S**, Rajendran R. Dental office emergencies and statim medical complications - Part I. **Kerala Dental Journal** 10: 63-65, 1987.
100. **Anil S**, Rajendran R. Multiple neurofibromatosis (Von Recklinghausen's disease) involving the palate - report of a case. **Kerala Dental Journal** 10: 71-75, 1987.
101. **Anil S**, Rajendran R. Dental office emergencies and statim medical complications - Part II. **Kerala Dental Journal** 10: 109-111, 1987.
102. Rajendran R, Jacob AO, **Anil S**, Vijayakumar T. Craniofacial dysostosis (Crouzon's disease) - a case report. **Journal of Indian Dental Association** 59: 65-69, 1987.

103. **Anil S.** Combating AIDS in the clinic. *Miracle Mix - Annual magazine of the Rajas Dental College* 35-37, 1994.

Published Abstracts

1. *Hereditary Gingival Fibromatosis (HGF) - a family pedigree of four generations* at the **6th International Academy of Periodontology at Seoul** on 4 - 6th September, 1997.
2. *HIV infection and AIDS in India* at the **85th Annual World Dental Congress at Seoul** on 7th September, 1997.
3. *HIV infection : Perception amongst Indian, Thai and Chinese dental professionals* (Poster), at **3rd International Workshop on Oral Manifestations of HIV Infection including Clinical Study Day at London**, 29th May to 1st June, 1996.
4. *Epidemiology of oral lesions in HIV infection - lesions in Asia* (Keynote Address), at **3rd International Workshop on Oral Manifestations of HIV Infection including Clinical Study Day at London**, 29th May to 1st June, 1996.
5. *Serum and salivary concentration of trace elements and dental caries - a co-relative study*, at the **International Conference on Dentin/Pulp Complex at Japan**, 28th June to 1st July, 1995.
6. *Areca nut chewing habit and the risk of oral submucous fibrosis*, at the **5th World Congress on Preventive Dentistry at Brazil**, 27th to 30th April, 1995.
7. *Identifying what is required to improve periodontal health in developing nations* at the **Symposium on Periodontal Needs of Developing Nations at Monte Carlo**, 1995.
8. *Defining the current problems and deficiencies in the management of periodontal diseases in developing nations* at the **Symposium on Periodontal Needs of Developing Nations at Monte Carlo**, 1995.
9. *Immunohistochemical studies on the tissue localization of collagen types I, II, III, IV, V and VI in oral submucous fibrosis* at the **Joint Congress of the International Association of Oral Pathologists and the British Society for Oral Pathology at York, London**, July 18th - 22nd, 1994.

10. *Dental professionals attitude and knowledge towards HIV infection / AIDS* at the **10th International Conference on AIDS / International Conference on STD at Yokohama, Japan, 1994.**
11. *HIV/AIDS infection and dentistry - the Indian experience* at the **10th International Conference on AIDS / International Conference on STD at Yokohama, Japan, 1994.**
12. *Lasers in restorative dentistry and endodontics* at the 26th Kerala Dental Conference at Trivandrum, India, 1993.
13. *Oral manifestations of dyskeratosis congenita - report of a case* at the 26th Kerala Dental Conference at Trivandrum, India, 1993.
14. *Mandibulofacial dysostosis - a case report* at the 26th Kerala Dental Conference at Trivandrum, India, 1993.
15. *Micrognathia with glossoptosis (Pierre-Robinson Syndrome) - report of a case* at 26th Kerala Dental Conference at Trivandrum, India, 1993.
16. *Gingival enlargement as a primary diagnostic indicator in leukemia* at the 26th Kerala Dental Conference at Trivandrum, India, 1993.
17. *Oral manifestations of AIDS / HIV infection* at the 26th Kerala Dental Conference at Trivandrum, India, 1993.
18. *Recent advances in chemical antiplaque agents* at the 26th Kerala Dental Conference at Trivandrum, India, 1993.
19. *Hereditary gingival fibromatosis - a case report* at the 26th Kerala Dental Conference at Trivandrum, India, 1993.
20. *Hyalinosis cutis et mucosae - a case report* at the 25th Kerala Dental Conference held at Cochin, India, 1992.
21. *HIV/AIDS and dentistry - control of cross infection* at 25th Kerala Dental Conference held at Cochin, India, 1992.
22. *Immunology and biochemistry of oral premalignant and malignant lesions* at the **1st International Conference on Oral Cancer held at New Delhi, India, 1992.**
23. *Preliminary immunohistochemical observations in oral submucous fibrosis* at the **1st International Congress on Smokeless Tobacco and Health held at Columbus, Ohio, April 1991.**

24. *Oral manifestations in HIV infected patients* at the 3rd Kerala Science Congress, Trivandrum, India, 1991.
25. *Application of porous ceramics in periodontal osseous defects* at the **1st South Asian Dental Congress held at Bombay**, India, 1991. Abstract 14, 1991.
26. *Total haemolytic complement (CH 50) and its fractions C3 and C4 levels in the sera of patients with localised juvenile periodontitis* at the **78th World Dental Congress at Singapore**, 1990, Abstract pp 56.
27. *Use of ceramics in the management of periodontal osseous defects* at the 23rd Kerala Dental Conference, Kannur, India 1990. Abstract. FC 11 pp 28.
28. *Some observations on the features of TMJ pain dysfunction syndrome* at the 23rd Kerala Dental Conference held at Kannur, India, 1990. Abstract. FC 3 pp 28.
29. *Cell mediated and humoral immune responses in diabetic patients with periodontitis* at 16th Indian Immunology Conference held at MGIMS Sevagram, India, 1989.
30. *Acrocephalosyndactyli syndrome (Apert's)* at the **9th Congress of the International Association of Dentistry for the handicapped held at Philadelphia**, Pennsylvania, USA 1989.
31. *Oral lichen planus: a clinicopathologic study of 26,254 cases* at 43rd Indian Dental Conference held at Pune, India, on 27th to 30th December, 1988.
32. *Risk of oral submucous fibrosis (OSMF) among the factory workers of Kerala, South India, exposed to cashew* at **1st International Conference on Primary Health Care held at New Delhi**, India, 1988.
33. *Serum levels of some trace and bulk elements in premalignant and malignant lesions of the oral cavity* at the **13th Asia Pacific Dental Congress held at New Delhi**, India, on January 28th - February 1st, 1988.
34. *Antibiotics in periodontal therapy* at 20th IDA Conference (Kerala State Branch) held at Cochin, Kerala, India, 1987.

HONORARY APPOINTMENTS

1. Undergraduate and Postgraduate (Periodontics) Examiner to various Universities in India.
2. Clinical Consultant and Advisor to the State AIDS Prevention and Control Cell, Kerala, India.
3. Academic Council Member of the University of Kerala, India.
4. Academic Council Member of the University of Calicut, India.
5. Advisor to the Council on Dental Health, Government of Kerala, India.
6. Honorary Clinical Research Fellow, Department of Oral Medicine and Pathology, UMDS Guy's and St. Thomas hospitals, London.
7. Visiting Professor, S.A. Rajas Dental College, Raja Nagar, Vadakangulam, Nagercoil, Tamil Nadu, India.
8. Consultant Dentist to the Airport Authority of India, Trivandrum, India.

COURSES AND TRAINING PROGRAMMES ATTENDED

1. The **4th International Symposium on Problem-based Learning in Dentistry**, Bangkok, Thailand 23 - 28 October 2005.
2. ITI Implant Training programme **ITI World Symposium** held in San Diego, California October 24-26.2002
3. Continuing Dental Education Programme on **Recent Advances in Oral and Maxillofacial Surgery** held at Trivandrum on 22nd November, 1987.
4. **Electronics Awareness Programme for medical personnel** conducted by the Institute of Human Resources Development for Electronics, Trivandrum, from 6th to 11th November 1989.
5. **Teachers Training Programme** conducted by the Teachers Training Centre, Medical College, Calicut from 21st to 24th June, 1990.
6. **Evaluation Methods in Educational Technology** conducted by Teachers Training Centre, Medical College, Calicut from 28th to 1st December 1990.
7. National Symposium on **Imageology in Oral Diagnosis** conducted by Indian Academy of Oral Medicine on 22nd December 1991 at Trivandrum.

8. National Symposium on **Applications of Biotechnology in Medicine** conducted by the Department of Atomic Energy, Government of India and Committee for Science, Technology and Environment, Government of India from 11th to 12th January, 1992.
9. National Symposium on **Biology of Cancer: Current Concepts and New Developments** held at the Amala Cancer Research Centre, Trichur from 13th to 16th March, 1992.
10. World Health Organisation Workshop on **Oral Cancer Control** held at Regional Cancer Centre, Trivandrum from 20th to 24th July, 1992.
11. Continuing Dental Education Programme on **Recent Advances in Periodontics** organised by the Pierre Fauchard Academy held at Bangalore on 15th August, 1992.
12. Workshop on **Introduction to Medical Research** conducted by the Clinical Epidemiology Unit (INCLIN) at Trivandrum from 26th to 27th July, 1992.
13. **Recent Advances in Laboratory Techniques in Medicine** - Continuing Medical Education Programme organised by the Biochemistry Department, Trichur Medical College, from 19th to 21st February, 1993.
14. Continuing Education Programme on **Aesthetic Dentistry** held at Trivandrum on 26th November 1993.
15. Continuing Education Programme on **Fixed Prosthodontics - Current Procedures for General Practice** at Trivandrum on 26th November, 1993.
16. **National Training for core group trainers on HIV/ AIDS** organised by the National AIDS Control Organisation (NACO) from 25th to 28th December, 1994.
17. Training programme on **Clinical Management of STD and AIDS** held at Medical College Hospital, Trivandrum on 16th September, 1994.

GRANTS / RESEARCH PROJECTS UNDERTAKEN

1. Serum Antibody Levels in Smokers with Chronic Periodontitis, CDRC, King Saud University, Riyadh 2005-2006.

2. *In vitro* studies on *Candida*, antimycotics and oral defenses – sponsored by the grant awarded by the RGC, University of Hong Kong, Hong Kong, 1999-2002.
3. The analgesic efficacy, and toleration of single doses of piroxicam dispersible tablets after extraction of impacted mandibular third molars. A multicentered study conducted in collaboration with M/s. Pfizer India Ltd., Bombay, 1996.
4. Chromosomal studies in patients with localised juvenile periodontitis- in collaboration with the Cytogenetics division of Regional Cancer Centre, Trivandrum, 1994.
5. Beta carotene in the management of precancerous conditions of the oral cavity - in collaboration with the Research division of New Ambadi Estates Ltd., Madras, India, 1993.
6. Study of the prevalence of oral submucous fibrosis (OSMF) among cashew factory workers of Kerala. Project funded by the Department of Science, Technology and Environment, Government of India, New Delhi, 1992.
7. Immunologic profile in diabetic patients with periodontitis - Estimation of salivary and periodontal tissue immunoglobulin concentrations. Project sponsored by the Department of Science, Technology and Environment, Government of Kerala, 1992.
8. Cell mediated and humoral immune responses in diabetic and nondiabetic patients with periodontitis - sponsored by the Department of Science, Technology and Environment, Government of Kerala, 1989 - 1991.
9. Periodontal conditions of a selected population of Trivandrum district, Kerala, India under the technical guidance of World Health Organisation, 1991.
10. Immunohistochemical analysis of oncoproteins (P21 ras, Cmyc, Cerb, B2) in oral submucous fibrosis, in collaboration with Indiana University, USA, 1990.

ASSOCIATE SKILLS (Teaching/Research)

1. Through knowledge of most of the common applications and Scientific software's including Endnote® Reference manger, Instat®, Graph Pad, SPSS etc.
2. Dolphin image Analysis and Patient management software - Trainer.
3. Web based Teaching methods - Ongoing project
4. PBL - Teaching in Dentistry - Training from University of Hong Kong.

5. Web Designing and Administration.
6. Clinical Photography and Dental Digital Photography trainer at the audiovisual centre attached to the College of Dentistry, Kerala.

CONFERENCES ATTENDED

- 79th International Association for Dental Research (General Session) at Makuhari, Chiba, Japan on June 27 - 30, 2001
- 6th Conference of International Academy of Periodontology at Seoul on 4-6th September 1997.
- 85th Annual World Dental Congress at Seoul on 5 - 9th September 1997.
- Third International Workshop on Oral Manifestations of HIV Infection from 29th May to 1st June at London, 1996.
- International Conference of International Academy of Periodontology / French Society of Periodontology at Monte Carlo, France from 2nd to 4th June 1995.
- 10th International Conference on AIDS / International Conference on STD held at Yokohama, Japan from 7th to 12th August, 1994.
- 2nd International Workshop on Oral Manifestations of HIV Infection AIDS held at Sanfrancisco, California from January 31st to February 3, 1993.
- 1st South Asian Dental Congress at Bombay from January 19th to 22nd January 1991.
- 13th Asia Pacific Dental Congress held at New Delhi, India from January 28th to February 1st 1988.
- Attended all the state and national conferences from 1982 onwards and presented papers during these meetings.

MEMBERSHIP IN PROFESSIONAL ORGANISATIONS

1. Life Member - Indian Society of Oral Implantologists
2. Life member- The Indian Academy of Osseointegration
3. Member of the American Academy of Periodontology.
4. Member, International Academy of Periodontology.

5. Member, International Association for Dental Research
6. Member of the FDI section of Deans and Dental Educators.
7. Member of the Indian Dental Association.
8. Life member of the International Union for Health Education.
9. Life member of the Indian Society for Dental Research (Affiliated to
10. International Association for Dental Research).
11. Member of the Kerala Dental Specialists Association.
12. Life member of the Indian Society of Periodontology.
13. Member of the Association of Forensic Odontologists of India.
14. Life member of the Indian Immunology Society.
15. Faculty member, Teachers Training Centre, Medical College, Calicut.
16. Life member of the Indian Academy of Dental Educationalists.
17. Life member of the Red Cross Society of India.
18. Member, Hong Kong Society of Immunology.
19. Member International Team on Implant Dentistry

OTHER PROFESSIONAL ACTIVITIES

1. Radio and Television programmes on dental health education.
2. Voluntary dental care service to the inmates of Jawahar Balabhavan, Trivandrum, India, 1985 -1991.
3. Organized and participated in various dental health care camps in Kerala, India during 1986 -1990.
4. Participated in screening programme for oral cancer and precancerous lesions among the factory workers in Quilon District, Kerala, India, 1987.
5. Chairman, Student's committee of the 21st and 22nd Kerala Dental Conference held at Trivandrum, November 1988.
6. Chairman, Scientific committee of 23rd Kerala Dental Conference, Kannur, November 1990.
7. Scientific Editor of the Journal of Stomatology Odontology and Maxillofacial Surgery, 1987-1990.

8. Project Director of the School Dental Health Programme organized by the Indian Dental Association and Colgate Palmolive India Ltd 1990.
9. Central Council Member of Indian Dental Association Kerala State, 1991-'93.
10. Editorial Board Member, Journal of Indian Dental Association, 1992 -98.
11. Editorial Board Member, Journal of Indian Society of Periodontology, 1992-99.
12. Executive Member, Indian Society of Periodontology, 1992-1994.
13. Assistant Editor of Kerala Dental Journal - Official publication of the Indian Dental Association, Kerala State Branch, 1990-1995.
14. Secretary, Indian Dental Association, Trivandrum Branch, 1992 - 1994.
15. Organizing Secretary, 26th Kerala Dental Conference held at Trivandrum, 1993.
16. Vice President, Indian Society of Periodontology, 1993 -1994.
17. National Correspondent, International Academy of Periodontology, 1995 - 2001.