

SRI SANKARA ARTS & SCIENCE COLLEGE
ENATHUR, KANCHIPURAM
STAFF PROFILE
DEPARTMENT OF PHYSICS



1.	Name of the Staff	Dr. R. PALANIVELU
2.	Designation	Assistant Professor
3.	Date of Joining	13.06.2018
4.	Mobile Number	6383177640
5.	E-Mail ID	palanivelp@sankaracollege.edu.in
6.	Nationality	Indian
7.	Academic Qualification	M.Sc., Ph.D.,
8.	Field of Specialization	Biomaterials, Surface modification of implants
9.	Ph.D Thesis Title	Synthesis of nano crystalline hydroxyapatite, Coating on Ti, Ti-6Al-4V and AISI316LSS implants and the study of their mechanical properties.
10.	Awarding University, Year of Award.	VIT, 2014

10. Work Experience (in chronological order):

S.No.	Name of the Institution	Designation	Period
1.	Karpagam academy of higher education, Coimbatore.	Assistant Professor	19. 11.2014 to 30.03.2015
2.	Vivekanandha College of arts and sciences for women, Elayampalayam, Tirchengode	Assistant Professor	04.06.2015 to 26.04. 2017
3.	Indian arts and science college, Tiruvannamalai	Assistant Professor	14.06.2017 to 31.05.2018
4.	Sri Sankara arts and science college, Kanchipuram	Assistant Professor	13.06.2018 to Till date

11. Other Academic and Administrative Responsibilities:

S.No.	Name of the Institution/Committee	Position	Period
1.	Department of Physics , Sri Sankara arts and science college, Kanchipuram	NPTEL department coordinator	2018- Till date

12. Publications:

S.No.	Title	Journal	Pages
1.	Detection of Emanated Light at the Modified Clad Region (Sno ₂) of the Optical Fiber for Methanol Gas Sensing	International Journal of Recent Technology and Engineering (IJRTE)	DOI:10.35940/ijrte.D9172.018520
2.	Scratch and wear behaviour of plasma sprayed nano ceramics bilayer Al ₂ O ₃ 13wt%TiO ₂ /hydroxyapatite coated on medical grade titanium substrates in SBF environment.	Applied surface science.	Vol.315, pp.372-379
3.	Ultrasonic irradiation promoted the nanosized hydroxyapatite under various pH conditions.	Spectrochimica Acta.	Vol.131, pp.37-41.
4.	Synthesis, characterization, in-Vitro anti-proliferative and hemolytic activity of hydroxyapatite.	Spectrochimica Acta	Vol.127, pp.434-438

5.	Characterization studies on plasma sprayed (AT/HA) bi-layered nano ceramics coating on biomedical commercially pure Titanium Dental implant..	Ceramics International,	Vol.40, pp.7745-7751
6.	Synthesis and spectroscopic characterization of hydroxyapatite by sol-gel method	Int. J. Chem Tech Res	Vol.5, No.6, pp 2965-2969.

13. Awards / Distinction :

S.No.	Name of the Award	Venue	Period
	NIL		

14. Membership in Professional Bodies:

S.No.	Name of the Membership	Venue	Period
	NIL		

15. Seminars Conferences organized /Participation:

S.No.	Program Attended	Place	Organized/ Participated	Period
1.	National Seminar on Advanced Materials and Applications	Karpagam academy of Higher education, Coimbatore-21, TN	Organized	12-13, Feb. 2015.
2.	National Level Conference on Recent Trends in Materials Science (RTMS-2016)	Vivekanandha College of arts and sciences for women, Elayampalayam, Tirchengode, TN	Organized	15 Feb.2016.
3.	National Level Conference on Recent Trends in Materials Science (RTMS-2017)	Vivekanandha College of arts and sciences for women, Elayampalayam, Tirchengode, TN	Organized	21 -22 Feb.2017

4.	National seminar on advanced materials: processing and applications, held at, on	Bharathiar University, Coimbatore-46	Participated	29 - 30 Mar. 2012.
5.	International Conference on Materials and Characterization on Techniques	VIT, Vellore-14	Participated	10-12, Mar. 2014
6.	National Seminar on Physics of Materials.	Sri Sankara arts and science college	Participated	28 – February 2019
7.	National Seminar on recent advanced materials and applications (RAMA-19).	Theivanai Ammal College for Women, Villupuram	Participated	06 Feb.2019

16. Participated as Resource Person:

S.No.	Program	Venue	Period
	NIL		

17. Workshop & Training Programmes:

S.No.	Programe	Venue	Period
1.	International Workshop on Materials Technology and Applications	. VIT, Vellore	11-12, October 2018
2.	Faculty Development workshop on MOOC awareness and e-content development	Sri Sankara arts and science college	24-25, January, 2019.
3.	Embedded system & Interfacing Hands-on' Workshop conducted by	E & ICT Academy Indian Institute of Technology, Kanpur, Sri Sankara arts and science college	10–14 June 2019
5.	Attended workshop on 'Python Programming with Industry Perspective	E & ICT Academy, Indian Institute of Technology, Kanpur held in Sri Sankara arts and science college, Enathur, Kanchipuram	Dec 2 – 6, 2019
6.	Attended workshop on 'VLSI Chip Design Hands-on using open source EDA Tools'	E & ICT Academy, Indian Institute of Technology, Kanpur held in Sri Sankara arts and science college, Enathur, Kanchipuram	Dec 16 – 20, 2019

18. Projects Completed:

S.No.	Name of the Projects	Period	Grant Received/Status
1.	UGC Minor Project entitled, "Synthesis and Characterization of Nanocrystalline Hydroxyapatite using various Organic modifier	2016-2018	Completed

19. Any other Details: Nil