



VELLALAR COLLEGE FOR WOMEN (AUTONOMOUS)

College with Potential for Excellence (Re-accredited with 'A' Grade by NAAC)

Thindal, Erode – 638 012.



PUBLICATIONS

DEPARTMENT OF PHYSICS

2014-2019

S.No.	Name of Author(s)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor
1.	R.Radhika	Structural, optical and electrical properties of nano structured flower like ZnO thin films	Journal of Nanoscience and Nano technology,	Feb-14, vol.2,issue.1	–	–
2.	L.Usha	-	National conference on innovative approaches in biological sciences towards sustainable development, PG & Research Department of Botany,	2014	–	–

			Vellalar College for Women jointly AWE Care Analytical & Research Laboratories, Erode.			
3.	Dr. P.Anitha	Influence of Manganese on the synthesis of nano Hydroxyapatite by wet chemical method for <i>in vitro</i> applications	American Journal Phytomedicine and clinical therapeutics	2015, vol.3, Issue.4	–	–
4.	L.Usha	Role of soil electrical conductivity (EC) and pH in the suitability prognosis of agricultural practices in Noyyal river basin	ScieXplore: International Journal of Research in Science	2015, Vol.2, Issue.1	–	–
5.	Dr. M. Yogeswari	First principles investigation of half-metallic ferromagnetism in alkaline-earth oxides doped with group VII elements	ScieXplore: International Journal of Research in Science	2016, Vol.3, Issue.1	–	–
6.	L.Usha	Electrical conductivity as pedotransfer function in the determination of sodium adsorption ration in soil system in managing micro level forming practices in India: An effective low cost technology, World Academy of Science, Engineering and	International Journal of Agricultural and Biosystems Engineering	2017, Vol.4	–	–

		Technology				
7.	Dr. P.Anitha	Sol-gel mediated synthesis of pure Hydroxyapatite at different temperatures and silver substituted Hydroxyapatite for biomedical applications	Journal of biotechnology and Biomaterials	2017, Vol.7, Issue.4	-	-
8.	Dr. P.Anitha	Incorporation and <i>in vitro</i> application of Hydroxyapatite with Silver and Titanium dopants synthesized by wet chemical method	Journal of Environmental Nanotechnology	2017, Vol.6	-	-
9.	Dr. C.Deepa	Green synthesis of Zinc Oxide nanoparticles using <i>TARGETES ERECTA</i> flower extract	IAETSD Journal for Advanced Research in Applied Sciences	2018, Vol.5,issue.1	-	-
10.	R. Bhuvaneshwari	Theoretical study on the gas phase reaction of methyl chavicol with hydroxyl radical	Computational and Theoretical Chemistry	2019, Vol. 1151	78-90	-

2019-2020

S.No.	Name of Author(s)	Title of the Paper	Name of the Journal	Year, Volume	Page No.	Impact Factor
1.	SUDHA A.P	Photoluminescence properties of pure, Fe-doped and surfactant-assisted Fe-doped tin-oxide nanoparticles	BULLETIN OF MATERIALS SCIENCE	2020, 43	212	1.392