

Name	Dr.J.C.KANNAN			
Designation & Department	PROFESSOR & HEAD, DEPARTMENT OF PHYSICS			
Qualification	M.Sc., M.Phil., M.Ed., Ph.D			
Area of Specialization	ELECTRONICS, THIN FILMS, NANOMATERIALS , NANO TECHNOLOGY			
Date of Joining (KSR IET)	02.07.2011			
Experience (as on 01.06.2020)	Teaching:26 years & 06 months	Industry:00	Others: 00	
Number of Papers Published	National Journals : 00		International Journals : 12	
Number of Papers Presented	National Conferences : 01		International Conferences : 03	
Books Published	National Publisher : 00		International publisher : 00	
Contact Details	E Mail: vasikanna@gmail Mobile: 9842803325			

Publications (Journals)

1. P.Malarkodi1, **J.C. Kannan** “Microwave assisted Synthesis and Characterization of Cu²⁺ doped ZnO Nano particles” **PharmTech Research** CODEN (USA): IJPRIF, ISSN: 0974-4304 Vol.9, No.3, pp 393-399, 2016
2. P.Malarkodi, **J.C. Kannan** “Structural and optical properties of Zn_xCd_{1-x} O nanoparticles” **International Journal of ChemTech Research** CODEN (USA): IJCRGG ISSN: 0974-4290 Vol.8, No.12 pp 522-529, 2015
3. A.Srithar, **J.C.Kannan**, T.S.Senthil “Structural and optical properties of Mg doped ZnO and its antibacterial Applications” **Journal of Advances in Chemistry** ISSN 2321-807X Volume 12 Number 7
4. A.Srithar, **J.C.Kannan**, T.S.Senthil “Synthesis, structural and optical properties of Mn doped ZnO nanoparticles and their antibacterial application” **Journal of Advance in chemistry** 4593, ISSN 2321-807X Volume 12 Number 12 | Page October 2016 www.cirworld.com

5. N. Srinivasan, **J. C. Kannan** and S. Satheeskumar “Antifungal activity of pure and aluminium doped zinc oxide nanoparticles against aspergillus niger and aspergillus flavus” *International Journal of PharmTech Research CODEN (USA): IJPRIF*, ISSN: 0974-4304 Vol.7, No.2, pp 287-290, 2014-2015
6. N. Srinivasan **J. C. Kannan** and S. Satheeskumar “Examination of antibacterial properties of pure and aluminum doped zinc oxide nanoparticles” *International Journal of ChemTech Research CODEN (USA): IJCRGG* ISSN: 0974-4290 Vol.7, No.4, pp 1708-1712, 2014-2015
7. N. SRINIVASAN, **J.C. KANNAN** “Investigation on room temperature Photoluminescence of pure and aluminum doped zinc oxide nanoparticles” *Materials Science-Poland*, 33(1), 2015, pp. 205-212 <http://www.materialsscience.pwr.wroc.pl/> DOI: 10.1515/msp-2015-0021.
8. N. Rajesh, **J.C Kannan**, G. Neri, T. Krishnakumar, “Sensing behavior to ethanol of tin oxide nanoparticles prepared by microwave synthesis with different irradiation time”, *Sensor and Actuators B: Chemical*, Vol.194 pp.96-104, 2014.
9. N. Rajesh, **J.C Kannan**, G. Neri, T. Krishnakumar, “Microwave irradiation effect on structural, optical and thermal properties of Cadmium oxide nanostructures”, *Acta Physica, Polonica. A*, Vol.125, pp.1117-1123, 2014.
10. N. Rajesh, **J.C. Kannan**, S.G. Leonardi, G. Neri, T. Krishnakumar, “Investigation of CdO nanostructures synthesized by microwave-assisted irradiation technique for NO₂ detection”, *Journal of Alloy and Compounds*, Vol. 607, pp.54-60, 2014.
11. K.R.Murali, **C.Kannan**, P.K.Subramanian “Photo –Electrochemical properties of flasf evaporated cadmium sulphide films” *Chalcogenides Letters*, Vol, 5, No.9, September 2008, p.195-199
12. K.R.Murali, P.Thirumoorthy, **C.Kannan**, V.Sengodan “Pulse plated CdS_xTe_{1-x} films and their properties” *Science Direct ELSEVIER*, SE2116 21 JULY 2008 no of pages

Publications (National Journals)

NIL

Publications (International Conferences)

NIL

Publications (National Conferences)

NIL

Books /Instruction materials/monographs published

S.No	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishing
1.	Engineering physics - II	Dr.J.C.Kannan	R.K.Publisher Coimbatore	Jan 2013
2.	Engineering Physics – I	Dr.J.C.Kannan	SCM Publisher ERODE	July 2016
3.	Engineering Physics	Dr.J.C.Kannan Dr.V.Devabharathhi Dr.D.Madhan	Charulatha publication Chennai	2019-2020

Funded Research Projects

S.No	Title of the Project	Name of the Funding Agency	Amount Sanctioned (Rs.)	Role
1.	--	--	--	--

Funded Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)

S. No.	Date		Topic / Title	Funding agency and Amount Sanctioned
	From	To		
1.			--	--

Consultancy Activities (Industry)

S.No	Title of the Project	Name of the Company
1.	--	--

Training Offered

Membership in Professional Bodies

Indian Society for Technical Education (ISTE) - Life Member

Subject Links