

**Name** : : **S.GANESHAN**  
**Position** : : **Assistant Professor**  
**Faculty of** : : **Physics**  
**Phone / Mobile** : : **+919865059001**  
**Email Id** : : **sganeshanmdu@gmail.com**  
**Date of Birth** : : **06-04-1980**



### Languages Proficiency

**Read :** **Tamil, English.**

**Write :** **Tamil, English.**

**Speak:** **Tamil, English.**

### 1. Qualification

<b>Sl.N o</b>	<b>Degree / Diploma / Certificate</b>	<b>Discipline</b>	<b>Name of the Institution.</b>	<b>Year of Passing</b>
<b>1.</b>	<b>B.Sc.,</b>	<b>Physics</b>	<b>Thiagarajar College, Madurai.</b>	<b>2001</b>
<b>2.</b>	<b>M.Sc.,</b>	<b>Physics</b>	<b>N.M.S.S.Vellaichamy Nadar College, Madurai</b>	<b>2003</b>
<b>3.</b>	<b>M.Phil.</b>	<b>Physics</b>	<b>Bharathidasan University , Trichy</b>	<b>2007</b>
<b>4.</b>	<b>Ph.D.</b>	<b>Physics</b>	<b>Madurai Kamaaraj University</b>	<b>In progress</b>

### 2. Teaching Experience

<b>Sl.No</b>	<b>Institution</b>	<b>From</b>	<b>To</b>
<b>1.</b>	<b>S.P. College of Science and Arts</b>	<b>2005</b>	<b>2008</b>
<b>2.</b>	<b>Vivekananda College</b>	<b>2008</b>	<b>Till date</b>

### **3. Position Held in Vivekananda College**

<b>Sl.No</b>	<b>Name of the Position</b>	<b>Duration</b>
<b>1.</b>	<b>Assistant Professor of Physics</b>	<b>2008 to till date</b>
<b>2.</b>	<b>Peer Team Student Tutor – Coordinator</b>	<b>2014 to till date</b>

### **4. Area of Specialization**

**Nanotechnology**

### 5. National / International Seminars, Workshops, Conferences & Symposiums

Sl. No	Programmes	Sponsored By	Organized By	Date	Participated / Presented	Title of the Paper
1.	Two Day Awareness program on E-Content Development for College Teachers		Centre of Educational Research, MKU, Madurai	27.09.2010 & 28.09.2010	Participated	
2.	International Conferences on Advanced Materials ICAM-2011	India Gandhi Centre for Atomic Research	Dept. of Physics, P.S.G, College of Technology, Coimbatore-641004	December 12-16, 2011	Presented Two papers	1. Synthesis and Charcterisation of $M_xW_{1-x}O_3$ Nano films in various Techniques 2. Structural Investigation of the mixed $MO_xMn_{(1-x)}O$ Electrochromic thin films
3	National Seminar on X-ray Crystallography NSXC-2014		School of Physics, Madurai Kamaraj University, Madurai	29 <sup>th</sup> September – 1 <sup>st</sup> October 2014	Presented	Structural Investiagtion of ZnO Mn thin film
4	International Conferences on Sustainable Energy Technologies, ICSET-2011		Dept. of Physics, P.S.G, College of Technology, Coimbatore	December 11-13, 2014	Presented	Structural Investigation of ZnO thin film

<b>Sl. No</b>	<b>Programmes</b>	<b>Sponsored By</b>	<b>Organized By</b>	<b>Date</b>	<b>Participated / Presented</b>	<b>Title of the Paper</b>
5	Workshop on Nanotechnology		Dept. of Mechanical Engineering, Mepco Schlenk Engineering College	9 <sup>th</sup> January 2015	Participated	-----
6	International Conferences on Nano science and Nanotechnology ICONN-2015	DST-SERB, DRDO	Department of Physics and Nanotechnology, SRM University, Chennai	February 4-6,2015	Presented	Synthesis and Characterization of LiCoO <sub>2</sub> by Solgel method
7	Workshop on Materials Characterization Techniques		International Research Centre, Kalasalingam University, Krishnakovil	17.02.2015	Participated	----
8	National Conference on Advanced Functional Materials (NCAFM-2015)	DST-SERB	Departement of Physics, SRM University, Chennai	May 8-9,2015	Presented	Structural Analysis of MnO <sub>2</sub> Nanoparticles.
9	International Conference on Nanomaterials and Nanotechnology	World Class University and Centre fo on r Nanoscience and Technology	K.S.Rangasamy College of Technology Tiruchengode.	December 7-10,2015	Presented	Optical and Structural studies of Vanadium Pentoxide thin films.

<b>Sl. No</b>	<b>Programmes</b>	<b>Sponsored By</b>	<b>Organized By</b>	<b>Date</b>	<b>Participated / Presented</b>	<b>Title of the Paper</b>
10	International Seminar on Nanoscience and Technology	Dept. of Physics	Mother Theresa Women's University Koadikanal	September 20, 2016	Presented	Structural investigation of Cadmium oxide thin film (Concentration dependence)
11	One day National seminar on Tools and Techniques for Academic Research	Academic Library Association	Vivekananda College, Madurai	7 <sup>th</sup> January 2017	Participated	-----
12	International Conference on Nanoscience and Nanotechnology (ICONN 2017)	Shizoko University-Japan, GNS Science-Newzealand and National Chiao Tung University-Taiwan,	Department of Physics and Nanotechnology, SRM University, Chennai	9 <sup>th</sup> to 11 <sup>th</sup> August 2017	Participated and presented paper	Tailoring of ZnO (nanopebbles, nanoplates, and Bundled nanowire) via different polar solvent
13	International Conference on Functional Materials (ICFM)	DST-SERB	Department of Chemistry, Thiagrajar College, Madurai	7 <sup>th</sup> & 8 <sup>th</sup> September 2017.	Participated and presented paper	Effect of annealing on Cadmium oxide nanoparticles
14	National Seminar on " Developments in advanced materials and their applications"	UGC Autonomous Fund	Mannar Thirumalai Naicker college, Madurai.	7 <sup>th</sup> October 2017	Participated	----

## 6. Articles Published in Journals / Books

<b>Sl. No</b>	<b>Journal / Book Name</b>	<b>Title of the Article</b>	<b>Month / Year</b>	<b>Vol. No.</b>	<b>Issue. No</b>	<b>Page No.</b>	<b>ISSN</b>
1.	International Journal of Chem Tech Research	Synthesis and Characterization of LiCoO <sub>2</sub> by Sol gel Method	2014-2015	7	3	1085-1089	0974-4290
2.	International Journal of Nanosystems: Physics, Chemistry, Mathematics	Optical and Structural studies of the vanadium pentoxide thin films	2016	7	4	687-690	2305-7971
3.	International Journal of Nanosystems: Physics, Chemistry, Mathematics	Characterization studies on the novel mixed thin films	2016	7	4	683-686	2305-7971
4.	International journal of research in science and engineering and Technology	Structural investigation of Cadmium oxide thin film (Concentration dependence)	2016	3	--	5-9	2394-739X
5.	International Journal of Scientific Research in Physics and Applied Sciences	Synthesis and Characterization of MnO <sub>2</sub> Nanoparticles: Study of Structural and Optical Properties	2017	5	6	5-8	2348-3423
6	International Journal for Science and Advanced Research in technology	Synthesis and characterization of Zinc oxide nanoparticles:	2018	4	1	199-202	2395-1052

		<b>Effect of annealing on structural and optical properties</b>					
<b>7</b>	<b>International Journal of Engineering Research and Advanced Development</b>	<b>Comparison of Structural, Morphological and Optical Properties of Cadmium Oxide and Zinc Oxide nanoparticles</b>	<b>2018</b>	<b>4</b>	<b>4</b>	<b>1-7</b>	<b>2395-5163</b>
<b>8</b>	<b>International Journal of Advance Engineering and Research Development</b>	<b>Temperature influence study on Cadmium Oxide nanoparticles</b>	<b>2018</b>	<b>5</b>	<b>07</b>	<b>1-5</b>	<b>2348-4470</b>