

## FACULTY PROFILE



Name : M.GANAPATHY  
Designation : Assistant Professor  
Department : Physics – S & H  
Official address for Communication : National Engineering  
College, Kovilpatti.

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### 1. Personal Details:

Date of Birth & Age : 15.04.1980 & 42  
Sex & Marital Status : Male & Married  
Nationality : Indian

**Qualification** : MSc., M.Phil., Ph.D.,

Degree	Programme and Specialization	Class /CGPA	Month & Year of Passing	Institute/University
Ph.D.,	Physics Nanomaterials	I	Jan 2019	Anna University, Chennai
M.Phil.,	Physics	I	Mar 2006	Bharathidasan University, Trichy
M.Sc.,	Physics	I	April 2004	VHNSN College Virudhunagar, Madurai Kamaraj University

### Professional Experience

Designation	Institution/ Organisation	Period	Nature of Duties
Assistant Professor	Alpha College of Engineering, Chennai	2013 - 2018	Class advisor, ISO Coordinator
Assistant Professor	P B College of Engineering, Chennai	2012 - 2013	Class advisor
Assistant Professor	RajivGandhi College of Engineering	2008 - 2012	Class advisor Exam cell incharge(Internal)
Assistant Professor	P S R Engineering College Sivakasi	2005 - 2008	Class advisor

Date of joining : 13.07.2022

Present status : Assistant Professor

### Courses taught:

Course Title	U.G. or P.G.
Engineering Physics I	UG
Engineering Physics II	UG
Engineering Physics Laboratory	UG

## 2. Academic Achievements

### 2.1 Short term Courses / Seminars / Conference/ Workshops Attended:

S.No	Title	Programme	Date	Venue
1	Indo Japan Workshop	International Workshop	September 2011	Crystal Growth Centre, Anna University, Chennai.
2	ASIA PACIFIC Workshop	International Workshop	September 2011	Crystal Growth Centre, Anna University, Chennai
3	ICFMS	International Conference	January 2012	LOYOLA College, Chennai
4	NCETSH	National Conference	April 5, 2013	Saveetha Engineering College, Chennai
5	IRDARA	International Conference	April 11, 2014	Govt.Arts College, Thiruvannamalai

### 2.2 Publications

#### Journal publications

International Journals : 05

International Conference : 0

National Conference : 01

### I. INTERNATIONAL JOURNAL PUBLICATIONS

Sl.No	Title of the paper	Authors	Journal	Volume, Pages Year
1	ZnO/Ni (OH) 2 core-shell nanoparticles: synthesis, optical, electrical and photoacoustic property analysis	N Senthilkumar, <b>M Ganapathy</b> , S Sharmila, M Shankar, M Vimalan, I Vetha Potheher	Journal of Alloys and Compounds	703, 624-632, 2017
2	Two step synthesis of ZnO/Ag and ZnO/Au core/shell nanocomposites: structural, optical and electrical property analysis	N Senthilkumar, <b>M Ganapathy</b> , A Arulraj, M Meena, M Vimalan, I Vetha Potheher	Journal of Alloys and Compounds	750, 171-181, 2018
3	Studies on optical and electrical properties of green synthesized TiO <sub>2</sub> @ Ag core-shell nanocomposite material	<b>M Ganapathy</b> , N Senthilkumar, M Vimalan, R Jeysekarana, I Vetha Potheher	Materials Research Express	5, 045020, 2018
4	Green mediated synthesis of plasmonic nanoparticle (Ag) for antireflection coating in bare mono silicon solar cell	N Senthilkumar, A Arulraj, E Nandhakumar, <b>M Ganapathy</b> , M Vimalan, I Vetha Potheher	Journal of Materials Science: Materials in Electronics	29, 12744-12753, 2018

5	Electrical properties of green synthesized TiO <sub>2</sub> nanoparticles	P Saravanan, <b>M Ganapathy</b> , A Charles, S Tamilselvan, R Jeyasekaran, M Vimalan	Adv. Appl. Sci. Res	7, 158-168, 2016
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## II. INTERNATIONAL CONFERENCE PUBLICATIONS

Sl. No	Title of the paper	Authors	Name of the conference	Venue	PagesDate
1	Facile Synthesis and Characterization of TiO <sub>2</sub> Nanoparticles for Photovoltaic Applications	M Ganapathy, M Vimalan, R Jeysekaran, P Dennis Christy	NSNMN- 2015	Velammal Engineering College	Volume 3, Issue 08, 1-3