

## Biodata

Veena Gopal. S

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Professional Qualification : Msc Applied Physics  
MG University)

Professional Qualification : B Ed In Physical Science  
SET Qualified In Physical Science  
M Phil In Optoelectronics,  
Phd (Physics)

## ACADEMIC DETAILS

Name Of Course	Institution	Year Of Study	UNIVERSITY	Marks in %
SSLC	Govt HS Cotton Hill	1994-95	Board	65.8%
Plus Two	Govt GHSS Neyyattinkara	1995-97	Board	-
BSc In Physics	Xian College Kattakada	1997-2000	Kerala University	88.6%
MSc In Physics	CMS College Kottayam	2000-2002	MG University	65.53%
BEd In Physical Science	Centre For BEd Kaniyapuram	2002-2003	Kerala University	63.8%

Mphil In Photonics	Kerala University, Kariavattom	2010-2011	Kerala University	A- Grade
PhD in Nanoscience	Kerala University	2013-2018	Kerala University	

#### Educational Achievements:

- Third Rank in Msc in MG University.
- Published a Paper on Laser Optics at Sree Chithra Institute of Medical Science.
- Completed MS Office and C++ Language Course.

#### Teaching Experience

- 2004 - 2005, Guest Teacher in Physics [Higher Secondary Govt VHSS Vakkom]
- 2005 – 2009, Guest Teacher in Physics [Higher Secondary, Govt HSS, Thonakkal]
- 2011-2012, Guest Teacher in Physics Engineering Physics, M.G.College Thiruvallam.
- 2018-2019, Guest Lecturer in physics ,Department of Physics , Marlvanios College, Nalanchira.

- 2019-2020 December, Guest Lecturer in physics ,Department of Physics , Marlvanios College, Nalanchira.
- Presently ,Assistant Professor in Physics, Department of Physics, Christ Nagar College , Maranalloor.

### *Research Interest*

- Synthesis, characterization of Metal oxide
- Nanoparticles and their application
- Nonlinear property of metal-polymer system

### **LIST OF PUBLICATIONS**

1. **Veena Gopal S.** and I. Hubert Joe, “*Synthesis and Characterization of Iron Oxide Nanoparticles using DMSO as a Stabilizer,Materials*” Today: Proceedings 2 (2015) 1051-1055.
2. **Veena Gopal S.** and I. Hubert Joe, “*Bio-activity of superparamagnetic maghemite nanorods capped with DL-alanine*”, Journal of Molecular Liquids 234(2016) 382-390.
3. **Veena Gopal S.**, S Chittrambalam and I. Hubert Joe, “*Coherent source interaction, third-order nonlinear response of synthesized PEG coated magnetite nanoparticles in polyethylene glycol and its application*”, Optics & Laser Technology 98(2017) 84-91.

### **LIST OF CONFERENCE PROCEEDING**

1. **Veena Gopal S.**, I. Hubert Joe, Fourth international conference on perspectives in vibrational spectroscopy (2013), Bishop Moore College, Mavelikara, Kerala, India

2. **Veena Gopal S**, I. Hubert Joe, National Seminar on Material Science in Research and Technology (2013), Annai Velankanni College, Tholayavattam, Kanyakumari district, Tamilnadu.
3. **Veena Gopal S**, I. Hubert Joe, Indo-German Conference on Laser applications and Nanoscience (2013), Thiruvananthapuram.
4. **Veena Gopal S**, I. Hubert Joe, “*Formation and surface modification of Fe<sub>3</sub>O<sub>4</sub> coated with Dimethyl Formamide*”, The 101<sup>st</sup> Indian Science Congress (2014), University of Jammu, Jammu.
5. **Veena Gopal S**, I. Hubert Joe, 5<sup>th</sup> International Conference on Perspectives in Vibrational Spectroscopy (2014), Thiruvananthapuram.
6. **Veena Gopal S**, I. Hubert Joe, National Conference on Analytical Techniques in Materials Science (2014), St. Joseph’s College for Women, Alappuzha, Kerala
7. **Veena Gopal S**, I. Hubert Joe, “*Absorption of Dye- Fe<sub>3</sub>O<sub>4</sub> nanoparticles, synthesis and characterization*”, Annual researchers day (2015), Mar Ivanios College, Thiruvananthapuram.
8. **Veena Gopal S**, I. Hubert Joe, “*Studies on synthesis and characterization of Fe<sub>3</sub>O<sub>4</sub> nanoparticles by polyol method*”, National Conference on current Trends in Material Science(2016), Christian College Chengannur.
9. **Veena Gopal S**, I. Hubert Joe, “*Studies on synthesis and characterization of PVP functionalized Fe<sub>3</sub>O<sub>4</sub> colloidal nanoparticles*”, National Conference on Technologically Advanced Materials (2016), Muslim Arts College, Thiruvithancode, Tamilnadu.
10. **Veena Gopal S**, I. Hubert Joe, “*Synthesis and Magnetic nanoparticles for the fabrication of Supercapacitor and its Electrochemical Performance*”, International Conference on Spectroscopy of Biomolecules and Advanced Materials (2017), Christian College Chengannur.

Declaration,

The above furnished details are true and correct to the best of my knowledge.

Veena Gopal.S