

## PERSONAL INFORMATION

Name: **PRABHAHARI. P**

📍 No-56/9, Sankar flats, Ekkatuthangal, Chennai-32

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✉ [prabhaph7@gmail.com](mailto:prabhaph7@gmail.com)

## WORK EXPERIENCE

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- **Competitive Edge Academy, Chennai, June 2017 – Present**

**Physics Faculty:** For IIT and NEET aspirants.

- **Master Education, Chennai, October 2016 – May 2017**

**Physics Faculty:** For IIT and NEET aspirants.

- **Brain Blooms Academy, Chennai, July 2015 – September 2016**

**Physics Faculty:** For IIT and NEET aspirants.

- **PSG Institute of Advanced Studies, Coimbatore, Feb 2014- Feb 2015.**

**Junior Research Fellow** for the project entitled “*Development of Portable Toxic Gas Sensor based on Hybrid Metal/Semiconductor Nanoparticles–MWCNT Composite Nanofibers for Environmental Monitoring* (NPMASS funded, under the guidance of Dr. P. Biji).

- **Shikshaa Edutech Limited, Chennai. Jan–Dec 2013.**

**Physics Faculty:** Taught classes for NTSE & IIT aspirants.

- **Integra Software Services Private Limited, Aug 2012– Jan 2013.**

**Copy Editor Trainee:** worked in T&F journals, Cengage and Pearson books.

## QUALIFICATION:

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- M.Sc Physics, PSG College of Arts and Science, Bharathiyar University, Coimbatore, 2012, **88.02%**.
- B.Ed(Physical Sceince), Swami Vivekananda College of Education, Vallam, Tanjore.,**88.00%**.
- B.Sc Physics, Vellalar College for Women, Bharathiyar University, Erode, 2010, **88.34%**.
- HSC, SPB Matriculation Higher Secondary School, Namakkal, 2007, **80.60%**.
- SSLC, Government Girls Higher Secondary School, Erode, 2005, **76.80%**.

## PROJECTS & TRAINING:

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- **Jan-Mar 2012, M.Sc. main project at PSG College of Arts and Science, Coimbatore**

**Thesis Dissertation:** Preparation and Characterization of PVA Encapsulated CdO Nanoparticles by Modified Precipitation Method (Under the guidance of Dr. G.Boopathi)

- **May –July 2011, Summer Fellowship Project at Indian Institute of Technology, Madras.**

**Project Title:** Investigation of Platinum Dispersed Multi Walled Carbon Nanotubes as Electrocatalyst for Proton Exchange Membrane Fuel Cells (Under the guidance of Dr.Rama Prabhu, IIT Madras).

## COMPUTER PROFICIENCY

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**Technical Skills** : Basics of C, C++, Visual Basics, Oracle.

**Packages** : Microsoft Office- MS Word, MS Excel, MS Powerpoint.

## RESEARCH PUBLICATIONS:

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### Peer Reviewed International Journals

- Thalakkottur Lazar Mathew, **Prabhahari Pownraj**, Sukhana Nazerin and Biji Pulithadathil, *Technologies for clinical diagnosis using human expired gas analysis, Diagnostics 2014, (Accepted)*

### International and National Conference Presentations

- A. Sukhananazerin, D. Jayaseelan, M. Vijay, **P. Prabhahari**, K. K. Venkataraman, T. Lazar Mathew, P. Biji, *Functionalized multiwalled carbon nanotubes based portable NH<sub>3</sub> gas sensors for clinical breath analyzer applications, International Conference on Advances in Micro/Nanotechnologies for Biological Applications (ICAMB-2015), August 7-8th, 2015.*
- Biji Pulithadathil, Sukhana Nazerin, Jayaseelan, Vijay and **Prabhahari** and Lazar Mathew, *Development Of f-MWCNTs based NH<sub>3</sub> Gas Sensor for Breath Analyzer Applications, ICMEMSS-2014, IIT Madras, 18-20<sup>th</sup> December, 2014.(Best PaperAward Oral)*
- **Prabhahari Pownraj** and Ghayathri Magudaboopathy, *Nanotechnology for Biomedical Applications, National level conference on Nanotechnology, Erode Arts College, Erode, 2009.*

## PERSONALSKILLS:

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Mother Tongue : Tamil

Other Languages : English

## CO-CURRICULAR AND EXTRA CURRICULAR ACTIVITIES

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- Contributed as Audio Visual Secretary, Vellalar College for Women, Erode, 2009–2010.
- Participated in Various Workshops and Seminars, Vellalar College for Women, Erode, 2007 – 2010.

## ACHIEVEMENTS

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- Qualified CSIR-UGC NET-JRF/LS –June 2016
- Awarded for Logo Presentation, National Institute of Technology, Thiruchirapalli, 2010.
- Special Endowment Prize for Proficiency in various off-campus Academic competitions, Vellalar College for Women, Erode, 2007 – 2010.

## REFERENCES:

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### 1. **Dr. P. Biji,**

Assistant Professor (Senior Grade) in Nanotechnology  
Nanotech Research Facility  
PSG Institute of Advanced Studies,  
Coimbatore - 641004  
Tamil Nadu, INDIA

### 2. **Dr. V. BalaSunadaram ON**

HOD & Associate Professor,  
Department of Physics,  
PSG College of Arts and Science,  
Coimbatore- 641 014.  
Tamil Nadu, INDIA

## DECLARATION

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I **Prabhahari P**, do hereby confirm that the information given above is true to the best of my knowledge

**DATE:**

**SINCERELY**

**PLACE:**

**(PRABHAHARI.P)**