

Mrs. A. SAHANA FATHIMA

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**EDUCATIONAL QUALIFICATIONS**

Course	Institution	Percentage of Marks	Year of passing
Ph.D., (Thin Film Physics)	Karpagam Academy of Higher Education, Cbe-21	75	Pursuing
M.Phil., (Thin Film Physics)	Karpagam Academy of Higher Education, Cbe-21	75	2014
M.Sc., (Physics)	Karpagam Academy of Higher Education, Cbe-21	91	2012
B.Sc., (Physics)	Nallamuthu Gounder Mahalingam College, Pollachi	80	2010

WORK EXPERIENCE- [5 year and 6 months]

1. As a lecturer in Science and humanities, P.A. Polytechnic College, Pollachi since May 2012 to April 2013.
2. I was associated with Karpagam Academy of Higher Education, Coimbatore as Assistant Professor in Department of Physics, since May 2014 to May 2019

Number of conference and seminar attended/ presented: 12

SEMINAR PRESENTED AS A PART OF CURRICULUM**M.Sc.Physics**

Carbon Nanotubes

M.Phil Photonics

Optical and Electrical Properties Of Thickness Dependent Cus (Covellite) Thin Films

PROJECT DONE AS A PART OF CURRICULUM**M.Sc Physics**

Completed my six –month project at Department of Physics , KAHE, under guidance of **Dr. K. Viswanathan**, Head of the Department , Department of Physics as a part of curriculum.

The aim of this project was to analysis the Spectrum of surface enhance Raman signals.
Tools used : Origin 6.

M.Phil Physics

Completed my six –month project at Department of Physics, KAHE, under guidance of **Dr. V. Senthil Kumar**, Head of the Department, Department of Physics as a part of curriculum.

The aim of this project was to study the effect of deposition time on the property of the material under study.

Experiment method: Chemical Bath method.

Number of B.Sc Guided: 15

Number of M.Sc Guided: 12

Publication Details

- ✓ A. Sahana Fathima , N. Sivaguru , Dr. V. Senthil Kumar, Investigation on Optical Properties of CuS and Zn Doped CuS Thin Films by Chemical Bath Deposition Method , IOSR Journal of Applied Physics, vol 8,(4) 13-16, 2016
- ✓ A. Sahana Fathima , P. HarshaPriya, V. Lingeshkumar, V.SenthilKumar, J. Chandrasekaran, The Effect of Fe and Mn substitution on Structural and Electrical Properties of LaCoO₃ nanoparticles. International journal of engineering and advanced technology, vol 8, (16), 2019.

PERSONAL DETAILS	Husband's Name: S. SANTHOSH KUMAR Date of Birth : 14-04-90 Sex : Female Nationality : INDIAN Marital Status : Married Religion : Hindu
LANGUAGES	English, Tamil, Telugu
HOBBIES	Reading, cooking, Listen to music
ADDRESS FOR COMMUNICATION	No 2, Mariamman Kovil Street, Idigarai, Coimbatore-22