

RESUME

S.Karthiga Devi. M.Sc., M.Phil.

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Objective

To obtain a suitable position reflect my knowledge and skills, there by continuously growing and contributing to the objective of the organization.

Educational qualification

Major Subject: **Physics**

Degree	Institution	University	Year of Passing	Class
M.Phil	The M.D.T Hindu college, Tirunelveli	M.S. University Tirunelveli	2015-16	I Class
M.Sc	Sadakathulla Appa college, Tirunelveli	M.S. University Tirunelveli	2013-15	I Class with Distinction
B.Sc	Sarah Tucker College, Tirunelveli	M.S. University Tirunelveli	2010-13	I Class

Working Experience

- ❖ I have been Working as an Assistant Professor in Sri Sarada College for Women, Tirunelveli (from June 2016)

Software proficiency

- ❖ Operating System: Windows 2007, Windows XP, Windows 7
- ❖ Scientific software: Gauss view 03; Gauss view 05; Gaussian 09.Orgine
- ❖ Packages: MS-Office (Word, Excel, Power Point)
- ❖ Language: C++, HTML

Area of Interest

- ❖ Nano science.
- ❖ Solid state physics.

Project done

1. **B.Sc** (2013) Project on Automatic power meter reading system using Global System for Mobile (GSM) Communication network.
2. **M.Sc.** (2015) Project on Growth and characterization of Barium (Br) Tartrate and Barium (Br)-Strontium (Sr) Mixed Tartrate using Gaussian software.
3. **M.Phil.** (2016) Project on Synthesis and Structural Investigation of Zinc Selenide (ZnSe) Nano particles by Microwave Assisted Method.

Paper and poster presented

1. Presented a paper in the State level seminar (**RTMS-2015**) on Characterization Studies on Crystal Growth of Strontium Tart rate, Barium Tart rate and Mixed Tart rate at Sadakathullah Appa College, on 16-02-2015.
2. Presented a poster in the International Conference (**ICRAMRIA-15**) entitled Synthesis and Structural Investigation of Titanium Di Oxide (TiO₂) nanoparticles By Microwave-Assisted Method at St.Xavier's College (Autonomous), Palayamkottai held on 16 Dec 2015
3. Presented a paper in the National Conference (**NCAMS-2016**) on Growth and Characterization of Strontium Tart rate and Strontium-Barium Mixed Tart rate using Single Diffusion Method at M.V.Muthaiah Government Arts and Science College for women, Dindigul.
4. Presented a poster in the International Conference (ICFNN-2016) entitled Synthesis and Structural Investigation of Zinc Selenide (ZnSe) nanoparticles By Microwave-Assisted method at Sastra University, Thanjavur held on 26 Feb 2016.
5. Presented a poster in the Conference (**GAME's-2016**) entitled Synthesis and Characterization of Nickel Oxide (NiO) nanoparticles by Thermal Decomposition Method at M.Kumarasamy College of Engineering, Karur held on 3 March 2016.
6. Presented a paper in National Seminar (**NSMR-16**) entitled To Study the aquifer Characteristic and salt water intrusion by geo electrical and geochemical at Tuticorin, Tamilnadu, India at **The M.D.T. Hindu College**, Pettai, held on 4 March 2016.
7. Presented a paper in National Conference (NCAP-2017) on Synthesis and Structural investigation of Zinc Selenide (ZNSE) at Sri Sarada College for women, Tirunelveli.
8. Presented a paper in International Seminar in multidisciplinary Research in Chemistry held on 6th September 2017 entitled Environmental Chemistry at Sri Sarada College for women, Tirunelveli.
9. Presented a paper in National Seminar current Innovation in Pure and Applied Science on Nuclear Science held on 1st August 2017 at Sri Sarada College for women, Tirunelveli.

Seminars participated

1. Participated in the National level Seminar on Insights in Nonlinear Dynamics and Nano science (**NINONA'11**) held on 18-02-2011 at Sarah Tucker College Tirunelveli.
2. Participated in the National Level Seminar on Recent Trends in Material Science (**TRIMS'13**) held on 18-10-2013 at Department of physics, Sarah Tucker College (Autonomous), Tirunelveli.

3. Participated in the National Conference on Biomaterials in Medical Chemistry (**BMC-2015**) held on 21st & 22nd Dec 2015 at Department of Natural Products Chemistry, School of Chemistry, Madurai Kamaraj University, Madurai.
4. Participated the one day State level Seminar on Recent Trends in Material Science (**RTMS-2015**) held on 11th Jan 2016 at Department of Physics, Sadakathullah Appa College (Autonomous), Tirunelveli.
5. Participated in the National Conference on advanced Materials and their Applications (**NCAMA-2016**) held on 21st & 22nd Jan 2016 at PG & Research Department of Chemistry, V.O.Chidambaram College, Tuticorin.
6. Participated in the State Level Seminar on Nuclear Energy (**SSNE-2016**) held on 10th & 11th March 2016 at PG & Research Department of Physics, The M.D.T. Hindu College, Pettai, Tirunelveli.

Workshop attended

1. Participated in Workshop on Physics in Engineering (**PiE**) held on November 5-6, 2015 at Department of physics, Thiagarajar College of Engineering, Madurai.
2. Participated in the Workshop on Current Trends in Nanotechnology held on 5th & 6th Feb 2016 at Department of Mechanical Engineering, Centre for NanoScience and Technology, MepcoSchlenk Engineering College, Sivagasi.
3. Participated in the UGC Sponsored one day National level Workshop on Access to E-Resources through N-list and Other Sources held on 10-01-2014 at Department of Library and information Sadakathullah Appa College(Autonomous), Tirunelveli.
4. Participated the one day state level Workshop on Essential skills of Teachers Aspirants on the 21st Century held at KEINS College of Education, Asirnagar, Vallioor on 13-03-2013.

Paper publications

1. Synthesis and Structural Investigation of Titanium Di-Oxide (TiO₂) Nanoparticles by Microwave Assisted Method *International Research Journal of Engineering and Technology (IRJET)* Vol. 02, Issue:09, Dec- 2015
2. Synthesis and Characterization of NiO Nanoparticles by Thermal Decomposition Method *International Journal for Scientific Research & Development (IJSRD)* | Vol. 3, Issue: 11 2016 | ISSN (online): 2321-0613, Jan-2016.
3. Synthesis and Structural Investigation of Zinc Selenide (ZnSe) Nanoparticles by Microwave Assisted method *Hindco Research Journal (HRJ)* Vol. 01, Issue:23, June 2017.

Personal details

Name : S.Karthiga Devi

Father's Name : K.Sekar

Date of Birth & Age : 11.04.1993& 23

Sex : Female

Marital Status : Unmarried

Cast : BC-Yadav

Religion &Nationality : Hindu & Indian

Languages Known : Tamil, English (To read, write and speak)

Address : Plot No: 82,
899 F, Meenatchi Sundaram Nagar, (part-II)
K.T.C Nagar,
Palayamkottai,
Tirunelveli-627011.

Reference : 1. **Dr. D. Muthu Raj M.Sc., M.Phil., Ph.D.**
Associate Professor
The M.D.T Hindu College,
Pettai, Tirunelveli - 627004.
Cell No: 9842141421

2. **Mr. S. M. Abdul Kader M.Sc., M.Phil.**
Associate Professor
Sadakathullah Appa College
Rahmath nagar, Tirunelveli.
Cell No: 9443001819

Declaration:

I do hear by that the information provided in the above resume is true to the extent of my knowledge and belief.

Place: Tirunelveli
Date:

Yours faithfully,

(S.KARTHIGA DEVI)