

CURRICULUM VITAE

Dr. A.VENKATESAN

S/O M. Adhimoolam,
Melsengappadi (Vill),

T.Andiyur (Post),

Harur (Tk),

Dharmapuri (Dt). (Pin: 636 906)

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Objective

Seeking a position to utilize my skills and abilities in the related field that offers security and professional growth

Educational Qualifications:

Ph.D. (Physics)

Specialization	:	Nanomaterials and Spectroscopy
Area of interest	:	Synthesis and characterization of nanomaterials, Thermal, Structural, Optical properties and antibacterial activity.
Period of Course	:	2012 – 2015 (Awarded)
Department	:	Physics
University	:	Annamalai University, Chidambaram

M.Sc., (Physics)

Aggregate	:	68%
Class	:	1 st Class
Period of Course	:	2010 – 2012
University	:	Annamalai University, Chidambaram

B.Ed., (Physical science)

Aggregate	:	72.5%
Class	:	1 st Class
Period of Course	:	2009 – 2010
Institution	:	Annai College of Education, Nambipatti, Harur.
University	:	Tamilnadu Teachers Education University.

B.Sc. (Physics)

Aggregate	:	61%
Class	:	1 st Class
Period of Course	:	2006 – 2009
Institution	:	Govt. Arts College, Dharmapuri.
University	:	Periyar University, Salem – 636 011.

Project / Research work:

Ph.D thesis on “**Synthesis, characterizations and studies of antibacterial activity for pure and different types of metals (Ag, Ba, Ce & Sn) doped CdO nanoparticles through chemical precipitation method**”.

M.Sc project on “**Growth and characterization of urea doped calcium chloride single crystals**”.

Guided to Ten students for M.Sc project.

Computer Skill / Experience in packages:

- ✓ MS-Office and Origin 6.1
- ✓ Five years experience in teaching field: Assistant Professors in Physics, Annai College of Arts and Science, Kovilacheri, Kumbagonam - 612 503.

List of publication in International Journals:

1. S. Sivakumar, **A. Venkatesan**, P. Soundhirarajan, Chandra Prasad Khatiwada, “Synthesis, characterizations and anti-bacterial activities of pure and Ag doped CdO nanoparticles by chemical precipitation method”, ***Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy***, 136: (2015) 1751–1759.
2. S. Sivakumar, **A. Venkatesan**, P. Soundhirarajan, Chandra Prasad Khatiwada, “Thermal, structural, functional, optical and magnetic studies of pure and Ba doped CdO nanoparticles”, ***Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy***, 151: (2015) 760–772.
3. S. Sivakumar, P. Soundhirarajan, **A. Venkatesan**, Chandra Prasad Khatiwada, “Synthesis, characterization and anti-bacterial activities of pure and Co-doped BaSO₄ nanoparticles via chemical precipitation route”, ***Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy***, 137: (2015) 137–147.

4. S. Sivakumar, P. Soundhirarajan, **A. Venkatesan**, Chandra Prasad Khatiwada, "Spectroscopic studies and antibacterial activities of pure and various levels of Cu-doped BaSO₄ nanoparticles", *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 151: (2015) 895–907.
5. S. Sivakumar, D. Anusuya, Chandra Prasad Khatiwada, J. Sivasubramanian, **A. Venkatesan**, P. Soundhirarajan, "Characterizations of diverse mole of pure and Ni-doped α -Fe₂O₃ synthesized nanoparticles through chemical precipitation route", *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy*, 128: (2014) 69–75.
6. A.Venkatesan, Study the structural parameter and morphological of rare earth metal (Ce) doped CdO Nanoparticles, *AEGLAEUM JOURNAL*, 08: (2020) 0776-3808

Workshops and Conferences attended:

1. Second International Workshop on "Advanced Functional Nanomaterials" at centre for nanoscience and technology & centre for international affairs, Anna University, Chennai during 28th- 30th January, 2013.
2. Workshop on "Scientific applications of powder XRD", at Periyar University, Salem, during 4th February 2013.
3. Workshop on "Material characterization techniques", at SSN College of engineering, Kalavakkam, during 3rd - 4th January 2014.
4. UGC Sponsored "Research methodology workshop", at department of Economics, Annamalai University, during 24th-27th March 2014.
5. "National conference in advanced materials and its applications", at Engineering Physics, Annamalai University, during 4th and 5th April 2014.
6. "National conference on recent advances in molecular spectroscopy", at department of Physics, Kanchi mamunivar centre for post graduate studies & Tagore arts college, Puducherry, during 14th September 2014.
7. "International conference on herbal medicine and neuroendocrinology", at department of Zoology, Annamalai University, during 13th October 2014.
8. UGC-SAP & DST sponsored national seminar on "Recent advances on luminescent materials", at department of Chemistry, Annamalai University, during 23rd and 24th January 2015.
9. UGC sponsored national conference on "Spectroscopy", at department of Physics, S.T. Indu College, Nagercoil, during 30th and 31st January 2015.

10. User awareness programme on “SHODHGANGA: a repository of Indian theses and dissertations”, at Dr. Sir C.P.Ramaswami aiyar library, Annamalai University, during 2nd February 2015.
11. UGC sponsored national conference on “Recent trends in nano materials and thin films research”, at PG&Research department of Physics, AVVM sri pushpam college, Poondi, Thanjavur, during 3rd and 4th March 2015.

Extra-Curricular Activities:

- ✓ Sports and served as NSS volunteer
- ✓ NSS program officer

Languages known

Tamil and English

Personal Profile:

Name	:	A. Venkatesan
Date of Birth	:	22.04.1989
Sex	:	Male
Marital Status	:	Married
Father's Name	:	M. Adhimoolam
Nationality	:	Indian
Address for Communication	:	Melsengappadi (Vill), T.Andiyur (Post), Harur (Tk), Dharmapuri (Dt). (Pin: 636906) Mobile no.: 8508687260, 8072725138 E-mail: akvenkat1989@gmail.com

Reference:

1. Dr. S. Sivakumar

Assistant Professor of Physics

Annamalai University

Annamalai Nagar – 608 002

Mobile No: +91-9865043811

Email: girihari777@yahoo.com

2. Dr. Chandra Prasad Khatiwada,
Assistant professor,
Department of Physics,
Sikkim Government College –737 126,
Namchi south Sikkim, India.

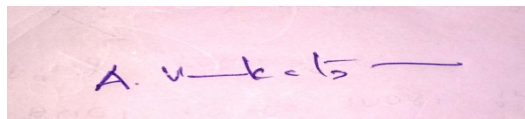
Email: cpspectroscopy@gmail.com.

Declaration

I hereby assure that all the above-furnished details are true to the best of my knowledge.

Date : 11/12/2020

Place : Melsengappadi.

A. Venkatesan

(A. VENKATESAN)