

CURRICULUM VITAE

M.ANITHA



D/O G.MANNARSAMY
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MEESALUR (PO)-626002
VIRUDHUNAGAR (DISTRICT)
TAMILNADU

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CAREER OBJECTIVE

Seeking a challenging environment where I can get the opportunity for continuous updates, exposure to new ideas with creativity and mutual sharing of the knowledge which stimulates my personal and professional growth.

EDUCATIONAL QUALIFICATIONS

Course	Name of the Institution	Year	Percentage of marks
Ph.D	V.H.N.S.N.College, Virudhunagar, Tamiladu, India	2015-2019	Awarded
M.Phil	V.H.N.S.N.College, Virudhunagar, Tamiladu, India	2013-2014	91 %
M.Sc.	V.H.N.S.N.College, Virudhunagar, Tamiladu, India	2011-2013	74 %
B.Ed	Sri Vidya Engineering and Technology, Tamilnadu, India.	2010-2011	81 %
B.Sc.	V.V.V.College for women, Virudhunagar, Tamilnadu, India	2007-2010	71 %
H.S.C	Sri V.V Higher Secondary School, Kullursandai, Tamilnadu, India	2002	75 %
S.S.L.C	T.A.S Government High School, Meesalur, Tamilnadu, India	2000	74 %

M.Phil Project:

Preparation and characterization of ZnS thin film grown by nebulized spray pyrolysis technique.

Ph.D Project:

Opto electronic properties of II-VI semiconductor thin films prepared by spray pyrolysis technique applicable for solar cells.

Workshop:

One day State level Workshop on Modern Trends in Physical Science on 24th February 2020, organized by Sri Vidhya College of Arts & Science, Virudhunagar.

Experience:

S.No	Institution	Designation	Duration	
			Years	Months
1.	S.R.N.M College of Arts & Sciene, Sattur.	Assistant professor		07
2.	Sri Vidhya College of Arts & Science, Virudhunagar	Head of the Department	3	06
3.	V.H.N.S.N College of Arts & Science, Virudhunagar	Assistant professor		05 (still)
	Total		4	08

1) Participation:

- International seminar on recent trends in materials on 22 february 2020, Devanga arts college, Aruppukottai.
- 2nd International conference on materials and technology synthesis, processing and application on 20 & 21th February, 2018, Sri. S. Ramasamy Naidu memorial college, Sattur.
- International conference on recent advances in materials for energy and environmental remediation on 28 & 29 june, 2018, V.H.N.S.N College, Virudhunagar.
- National seminar on Recent advances in chemical research on 24-25 January, 2017, Department of chemistry, V.H.N.S.N.College, virudhunagar, Tamilnadu, India.

- II International conference on recent trends in materials on 22& 23 January-2016, Department of physics, Devanga Arts College, Aruppukottai, Tamilnadu, India.
- Third international conference on recent innovations in engineering on 2 April, 2016, Sri subramanya college of engineering and technology, Palani, Tamilnadu, India.
- International conference on modern materials research on 19-20, December -2016, PG and Research department of physics, Sri Vidya mandir arts and science college, Uthangarai, Krishnagiri, Tamilnadu, India.
- National conference on advanced functional materials on 30-31, January, 2014, Bharathiyar University, Coimbatore, Tamilnadu, India.
- International lecture workshop on Advanced materials engineering on 26 September, 2016, Department of Physics, Thiagarajar college of engineering, Madurai, Tamilnadu, India.
- International conference on recent trends in materials on 22-23 December-2014, Devanga arts College, Aruppukottai, Tamilnadu, India.

2) Publication:

1. **M.Anitha**, K.Saravanakumar, N.Anitha, L.Amalraj Influence of fluorine doped CdO thin films by an simplified spray pyrolysis technique using nebulizer, Optical and quantum Electronics, 51(6) (2019). [**Impact Factor: 1.47**].
2. **M.Anitha**, K.Saravanakumar, N.Anitha, I.Kulandaisamy, L.Amalraj, Influence of annealing temperature on physical properties of Sn-doped CdO thin films by nebulized spray pyrolysis technique, Mater. Sci. Eng., B, 243 (2019) 54-64. [**Impact Factor: 3.507**].
3. **M.Anitha**, K.Saravanakumar, N.Anitha, L.Amalraj, Influence of a Novel co-doping (Zn+F) on the Physical Properties of Nano Structured (111) Oriented CdO Thin Film Applicable for Window Layer of Solar Cell, Applied surface science 443 (2018) 55-67 [**Impact Factor: 5.439**].
4. **M.Anitha**, V Tamilnayagam, N. Anitha, D.Tamiloli, K.Keerthika , T.Vasudevan, D.Kannagi, L Amalraj, Influence of carrier gas pressure on the physical properties of CdO thin films, Zeitschrift fur Physikalische Chemie, 2018. [**Impact Factor: 1.356**].
5. **M Anitha**, N Anitha, K.Saravanakumar, I Kulandaisamy, L Amalraj, Effect of zinc doping on structural, morphological, optical and electrical properties of nebulized spray deposited CdO thin films, Applied physics A, 124 (2018) 561-569. [**Impact Factor: 1.784**].
6. N.Anitha, **M.Anitha**, K.Saravanakumar, S.Valanarasu, L.Amalraj, Fabrication of antimony doped tin disulfide thin films by an inexpensive, modified spray pyrolysis technique using nebulizer, Journal of Physics and Chemistry of Solids 119 (2018) 9-18 [**Impact Factor: 2.059**].

7. **M. Anitha**, V. Tamilnayagam, N. Anitha, L. Amalraj, S. Gokul Raj, Investigations on the structural, electrical and optical properties of thin films of CdO₍₁₁₁₎, J Mater Sci: Mater Electron 28 (2017) 17297–17307 [**Impact Factor: 2.324**].
8. **M.Anitha**, N.Anitha, L.Amalraj, Influence of Precursor Concentration on Physical Properties of CdO Thin Films Prepared by Spray Pyrolysis Technique using Nebulizer, Applied physics A 123 (2017) 764-779 [**Impact Factor: 1.784**].
9. N.Anitha, **M.Anitha**, L.Amalraj, Influence of precursor solution volume on the properties of tin-disulphide (SnS₂) thin films prepared by nebulized spray pyrolysis technique, Optik 148 (2017) 28-38 [**Impact Factor: 0.835**].

STRENGTHS

- ☆ Good communication skill
- ☆ Hard working and effective team performer
- ☆ Passion to learn new things and adaptability to new environment
- ☆ Skills in performing literature review to perform innovative research

ADDITIONAL COURSES

- Proficient in all versions of MS- office package.
- Post graduate diploma in computer application.
- Type writing in Tamil has passed with distinction junior and senior grade.
- Type writing in English has passed with distinction junior and senior grade.

PERSONAL DATA

Name : M. Anitha
Father's Name : G. Mannarsamy
Mother's Name : G. Renganayaki
Date of Birth : 26-05-1985
Sex : Female
Marital Status : Married
Nationality : Indian
Religion : Hindu
Caste : Vadugan
Language Known: To Speak: Tamil, English, Telungu.
To Write: Tamil, English
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