


## CURRICULUM VITAE

**G.PRAGADEESWARI**

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### **CAREER OBJECTIVES**

To undertake a challenging research position and to be a part of a progressive educational institution that gives scope to enhance my knowledge, skills and reach the apex in the scientific field with sheer dedication and hard work.

### **TEACHING EXPERIENCE**

- Worked as a lecturer in Department of Physics at Marudhu Pandiyar College of Arts and Science, Vallam, Thanjavur during the year of Aug 2009 to June 2011.
- Worked as an Assistant Professor in Department of Physics at Mahalakshmi Engineering College, Thudaiyur, Trichy during the year of July 2011 to June 2012.
- Worked as an Assistant Professor Dept. of Physics at National College (Autonomous) Trichy during the year of Aug 2013 to April 2016.
- Worked as an Assistant Professor Dept. of Physics at MIET arts and science college Trichy during the year of July 2017 to June 2018
- Worked as an Assistant Professor Dept. of Physics at Jamal Mohamed College (Autonomous) Trichy during the year of June 2018 to till

### **EDUCATIONAL QUALIFICATIONS**

<b>2021</b>	<b>Pursuing PhD</b>
<b>2016</b>	<b>SET QUALIFIED</b>
<b>2009</b>	<b>A.V.V.M.Shri Pushpam College Poondi, Thanjavur. Degree: Master of Philosophy in Physics 75 % (First Class A<sup>++</sup>)</b>

<b>2008</b>	<b>Tamilavel Umamaheshwaranar Arts and Science College, Thanjavur. Degree: Master of Science in Physics 75 % (First Class A<sup>++</sup>)</b>
<b>2006</b>	<b>Kunthavai Nachhiyar Govt. Arts and Science College Thanjavur. Degree: Bachelor of Science in Physics, 69 % (First Class)</b>
<b>2003</b>	<b>H.S.C from Kalyana sundaram Higher Secondary School, Thanjavur. with Marks of 74 % (First Class)</b>
<b>2001</b>	<b>S.S.L.C from Kalyana sundaram Higher Secondary School, Thanjavur, with Marks of 89 % (First Class)</b>

### ***SUBJECTS HANDLED***

- Electromagnetic Theory
- Atomic and molecular Physics
- Properties of Matter.
- Thermal physics

### ***PAPERS PRESENTED IN INTERNATIONAL/NATIONAL CONFERENCES***

- **“Deposition and annealing effect of ZnS thinfilm”** paper was presented on “National Conference on Advanced Materials and Applications-NCAMA-2013”, by **G.Pragadeeswari**, Dr.A.T.Ravichandran held at Department of Physics, National Institute of Technology (NIT) Tiruchirappalli, Tamilnadu on 4th and 5th April 2013

- **Studies and Annealing effect of ZnS thinfilm by Chemical Bath Deposition Method**” paper was presented on “National Conference on Crystal Growth and Nano Materials NSCGNM-2013”, by **G.Pragadeeswari**, Dr.A.T.Ravichandran held at Department of Physics, National college (Autonomous) Tiruchirappalli, Tamilnadu on 13 to 15 March 2013
- **“Fabrication of CdS thin Films by Spray Pyrolysis Method”** paper was presented on “National Conference on Crystal Growth and Nano Materials NSCGNM-2013”, by **G.Pragadeeswari**, Dr.A.T.Ravichandran held at Department of Physics, National college (Autonomous) Tiruchirappalli, Tamilnadu on 13 to 15 March 2012
- **“Growth and characterization of NLO crystal by Gel method”** paper was presented on “National Seminar On Polymers: Synthesis, Characterisation And Applications” by **G.Pragadeeswari**, Dr.A.T.Ravichandran , S.Dhanapal, held at Department of Physics, MTN, Madurai on 21-22 October 2011
- **Green synthesis of ZnO nanoparticles using Senna Auriculate flower extract and their antimicrobial activities ”** paper was presented on “ UGC sponsored National Conference on Advance Functional materials NCAFM 2020, by **G.Pragadeeswari**, held at Department of Physics, National college (Autonomous) Tiruchirappalli, Tamilnadu on 13 Feb 2020
- **“Nucleation, dielectric and ferro electric study of Potassium Succinate Succinic Acid (KSSA) crystal ”** paper was presented on Interanational Conference On Futuristic Research In Enginnering Smart Materials by **G. Pragadeeswari**, A.Arunkumar, on 23 -24 April 2021

## ***Awards***

- Awarded “First prize” in NSCGNM-2013 at National College, Trichy.

## ***MEMBERSHIP IN PROFESSIONAL BODIES***

- ❖ Luminescence Society of India Karnataka Chapter (LSIKC- Life member)
- ❖ Indian Association for Crystal Growth (IGCG- Life Member)

## ***Lab Visit***

- IUAC (Inter University Accelerator Center)
- Visitor’s program at Crystal Growth Center, Anna University, Chennai
- SSN Research Center, SSN College of Engineering at Chennai.
- Loyola college, Chennai
- Bharathidasan University Tiruchirappalli.

## **ACADEMIC PROJECTS**

- Fabrication of Iron Oxide Thin films prepared by spray pyrolysis method suitable for magnetic recording (2009) (M.Phil)
- Comparison of optical and structural properties of CdS thin films fabricated by CBD and Spray pyrolysis method (2008) (M.Sc)

## **PG PROJECT GUIDANCE**

- From 2009 to Till

## **AREA OF INTEREST**

- Nanomaterials
- Thin film Technology

## **COMPUTER KNOWLEDGE**

- ✓ CLP (Computer Literacy Programme),
- ✓ HDCA (Honours Diploma in Computer Application),
- ✓ ADDP (Advanced Diploma in Digital Prepress)

## **PERSONAL DETAILS**

Father's Name : R.Govindaraj  
Mother's Name : G.Nagamani  
DOB : 18-02-1986  
Gender : Female  
Nationality : Indian  
Marital Status : Married  
Languages known : Tamil and English

## **REFERENCES**

1. **Dr. K. Ravichandran**  
Associate Professor,  
PG & Research Dept of Physics,  
AVVM Sri Pushpam College, Poondi.  
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**2. Dr. A. Arunkumar**

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**3. Dr. Muthu Senthil Pandian**

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***DECLARATION***

I hereby declare that particulars and facts stated here in above are true, correct and complete to the best of my knowledge and belief.

Sincerely

Place: Trichy

Date:

**[G.PRAGADEESWARI]**