RESUME

GUNACHITRA THIAGARAJAN

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CAREER OBJECTIVE

To apply my passion for Physics and teaching expertise in a learning environment that improves academic growth, encourages curiosity and to be a part of an organization which helps in enhancing my knowledge.

ACADEMIC QUALIFICATION

S.No	Course/Degree	Institution	Board/university	Year of Passing	Percentage of marks
1	Ph.D (Physics)	The New College, Chennai	University of Madras	Expected completion by Dec'2025	-
2	M.Sc. (Physics)	Sathyabama Institute Of Science And Technology, Chennai.	Sathyabama University	May 2020	79%
3	B.Sc. (Physics)	A.V.C College of Arts and college, Mayiladuthurai.	Bharathidasan University	May 2018	67%
4	HSC	Vivekanandha Matric Hr Sec School, Sirkali	State Board	May 2015	80%
5	SSLC	Vivekanandha Matric Hr Sec School, Sirkali	State Board	May 2013	96%

ACADEMIC PROJECT

Ph.D

Project Title: Bio-synthesis of AgO nanoparticles

Overview : Green synthesis was utilized to create AgO nanoparticles for a range of biomedical uses.

M.Sc

Project Title: Deposition and Characterization of CdS thin films for Solar cell applications.

Description : CdS thin films by using CdS nanoparticles were fabricated by thermal evaporation and their characterization studies were analysed by XRD

JOURNAL PUBLICATIONS

- G. Joesna , P. Saravanan , R. Zema Ferin, T. Gunachitra , D. Sankar, S. Tamilselvan , M. Meena, K. SenthilKannan, M. Vimalan, and M. Gulam Mohamed, Domestic microwave supported green synthesis of ZnO nanoparticles for electronic, mechano, rheological and frequency intensifying applications J Mater Sci: Mater Electron (2022) 33:14144–14158

CONFERENCE PUBLICATIONS

- T.Gunachitra, G.Joesna, R.Zemaferin, D.Sankar, K.Senthilkannan, M.Gulam Mohamed, Antibacterial and antifungal activities of ZnO nanoparticles prepared by Tamarindus indica fruit mediated facile green synthesis solvothermal method Conference: ICAOMSAT22 - 2022

- R.Zemaferin, G.Joesna, T.Gunachitra, M.Gulam Mohamed, K.Senthilkannan, Dielectric properties of zinc oxide nanoparticles using Coriandrum sativum leaves extract Conference: ICAOMSAT22 - 2022

PAPER PRESENTATIONS

- Participated and presented paper in **National Level Conference on "Functional materials and application aspects (NCFMAA 2020)"** at Saveetha School of Engineering, Chennai
- Participated in "**International conference on Nanobiosensors (NBS 2022)**" at University of Madras Guindy campus, Chennai.
- Participated in the **National Seminar on "Innovative Nanomaterials and its Recent Applications" (NSINMRA - 2022)**
- Participated and presented paper in **International Conference on "Advances in Science, Humanities and Technology" (ICASHT -2023)** at Saveetha School of Engineering, Chennai.

- Participated and presented a Poster in **International Conference on "Innovative Green Materials for Sustainable Engineering" (IGMSE - 2023)** Saveetha School of Engineering, Chennai.

INTERNSHIP

- Completed online internship on **CSIR SUMMER RESEARCH TRAINING PROGRAM (CSIR –SRTP) 2020** under the category of "**GEOTHERMAL AIR CONDITIONING**" for a period of 3 months which was conducted by **The Central Building Research Institute (CBRI) – ROORKEE**
- Completed internship on "**EMBEDDED SYSTEMS**" which was conducted by **UNIQ TECHNOLOGIES – CHENNAI** for the period of one week (10.06.2019 - 18.06.2019)

PERSONAL DETAILS

Father's Name **:** K.Thiagarajan

Date of Birth **:** 12-10-1997

Marital Status **:** Married

Nationality **:** Indian

Languages Known **:** Tamil, English

Religion **:** Hindu

Address **:** No.B2, SSV Flats,
Near Sri Sendur motors,
Kootapalli, Tiruchengode,
Namakkal – 637214.

DECLARATION

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

Place: Tiruchengode **Signature**

Date: 01.06.2025 **(T. GUNACHITRA)**