

CURRICULUM VITAE

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Paper publish – 1

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Research Experience and Published project paper

- **Post-Graduation Project: May – 2022**

1. Synthesis of copper nanoparticles and its composite by chemical reduction method for antimicrobial activity, characterized using Ultraviolet visible spectroscopy (UV), Fourier-transform infrared spectroscopy (FTIR), X-ray powder diffraction (XRD). Under the guidance of Dr.S.Aram Department of physics, Sri GVG visalakshi college for women, Udumalpet.

- **Under-Graduation project: November- 2019**

1. Fabrication of Dye Sensitized Solar Cell using Natural dyes as Photosensitizer for I-V Characteristics of voltage and current, Thickness of the FTO plate, Solar Conversion Efficiency measurements, Specification of Dye Sensitizer Solar Cell's(DSSC'S) with different natural dyes, Fourier-transform infrared spectroscopy (FTIR). Under the guidance of Dr.M.Nirmala Department of physics, Sri GVG visalakshi college for women, Udumalpet.

NOTE: Successfully published at World Scientific News (EISSN 2392-2192) [WSN 149 (2020) 128-129].

Conference Participated and physics Meet

- Participated in one day inter collegiate meet “SPECTRA” organized by the Department of Physics at P.K.R Arts College for women on December 2018.
- Participated in the workshop on “FUN WITH PHYSICS- Experimental physics” organized by department of physics under DBT star college scheme at Sri GVG Visalakshi College for women, Udumalpet on December 2018.

- Participated in one day workshop on **“LEARNIG PHSICS CONCEPT THROUGH EXPERIMENTS”** organized by the Department of Physics Sri GVG Visalakshi College for women, Udumalpet on February 2020.
- Successfully presented a paper entitled **“Fabrication of Dye Sensitized Solar Cell using Natural dyes as Photosensitizer”** in International conference on **“Recent Innovation in Nanoscience and Technology”** organized by department of physics Arulmigu Palaniandvar Arts (APA) College for women palani on January 2020.
- Participated in two days Hands-on-training on **“MOBILE GADGET FIX”** organized by department of physics in association with New Technology Mobile Service & Training Institute, Coimbatore under DBT star college scheme at Sri GVG Visalakshi College for women, Udumalpet on October 2021.
- Participated in the 7th Annual residential summer camp held from **“10.05.2023-54.05.2023”** at **TEMPLE OF CONSCIOUSNESS**, Aliyar.

Internship Courses

- **IBM IOT Application** development.
- **IBM Software Foundation** course.
- **IBM Mobile Application** development.
- Attended internship on **Medical Instrumentation** at Sri Chakara Hospital for 10 days.
- Attended internship on instrumentation at Roots Company, Coimbatore.

