



## CONTACT INFO

 Alzulfi – Almajmaah, Saudi Arabia



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## LANGUAGE

Arabic

English

## EXPERTISE

- Experimental physics and biomedical optics

Undergraduate teaching and laboratory supervision

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# Budur Ibrahim S. Althuyayb



## EXECUTIVE SUMMARY

- My name is Budur Ibrahim S. Althuyayb, a postgraduate in General Physics from the University of Exeter (2024). I have a strong academic background combined with hands-on teaching and lab supervision experience. I am committed to fostering scientific understanding through education and practical application.

## WORK EXPERIENCE

- 1. Physics Lecturer and Laboratory Instructor**
- 2.** - Teaching general physics courses to undergraduate students
- 3.** - Supervising physics laboratories in subjects such as Solid-State Physics, Electricity and Magnetism, Laser, and Nuclear Physics
- 4.** - Preparing lab experiments and ensuring safety measures
- 5.** - Assisting students in applying theoretical knowledge through experiments

## ACADEMIC BACKGROUND

Postgraduate Research Training in Physics  
University of Exeter, United Kingdom (2023–2024)

Conducted a research project titled “Investigation of Thermal Effects Induced by Near-Infrared Light on Skin Phantoms.”

Constructed multilayer tissue-mimicking phantoms and performed optical and thermal experiments using diode lasers.

Utilized FLIR A35 thermal imaging and MATLAB data analysis.

Contributed to safety assessments in photothermal therapy and research in biomedical optics.

## MORE ABOUT ME

- Biomedical optics and laser–tissue interactions
- Photothermal therapy research