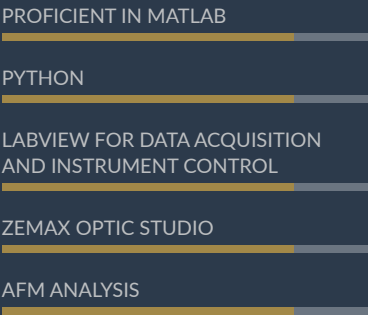


ABOUT ME

As a dedicated and results-oriented Master's student at the prestigious Abbe School of Photonics in Jena, I possess a profound passion for laser design and optical systems development. My commitment and innovative approach in these specialized fields in photonics projects.

SKILLS



LINKS


LinkedIn:  
<https://www.linkedin.com/in/anitta-jose-9865a2174/>


LANGUAGES




ANITTA  
JOSE

MASTER'S STUDENT

 Karl Marx-Alle 3-803, Jena, Thuringia 07747, Jena, 07747, Germany

 1783018805

 anuanittajosek@gmail.com

WORK EXPERIENCE

INNOLAS LASER  
GMBH, MUNICH  
Munich  
Nov 2023 - Present

Research Lab

- Optimized lasers using Zemax Optical Studio.
- Measured the ringing effect in various Pockel cells to identify the ideal one for customer-specific laser requirements.
- Conducted trigger pulse characterization in the triggerbox to determine limits and enhance the laser system.
- Developed an advanced laser system with a modified triggerbox.

ELECTRON  
MICROSCOPY  
GROUP (EM), JENA  
CENTER FOR SOFT  
MATTER (JCSM)  
Jena  
Mar 2023 - Aug 2023

Working student

AFM (contact and tapping modes) Atomic Force microscopy (AFM) tip-based nanomachining technique under the guidance of Dr Stephanie Höppener.

PRODUCTION FBGS  
TECHNOLOGIES  
GMBH JENA  
Jena  
May 2022 - Dec 2022

Student Assistant

Characterization of Fiber Bragg gratings, Characterization of draw tower gratings - (DTG) in PM 80 micrometer single mode and PM125-micrometermulticore fibers.

INDIAN INSTITUTE  
OF SPACE-SCIENCE  
AND TECHNOLOGY  
(IIST), TRIVANDRUM,  
INDIA  
Trivandrum  
Jun 2019 - Oct 2019

Internship

Pulsed laser deposition Fe doped ZnO, worked mainly on the fabrication and characterization of Iron-doped ZnO (Fe: ZnO) thin films using Pulsed Laser Deposition (PLD)and the evaluation of the films using absorption and photoluminescence spectroscopy.

EDUCATION

ABBE SCHOOL OF  
PHOTONICS  
FRIEDRICH SCHILLER  
UNIVERSITY, JENA,  
THURINGIA  
Jena

M.Sc. Photonics

Status: Present

COCHIN UNIVERSITY  
OF SCIENCE AND  
TECHNOLOGY  
(CUSAT), INDIA

M.Sc. Physics

- Quantum Mechanics
- Electrodynamics
- Mathematical Physics
- Solid State Physics

Kochi  
2020

- Classical Mechanics
- Optics

## COURSE

---

UNIVERSITY OF  
COLORADO ON  
COURSERA



Design of High-Performance Optical Systems