

RASEEM ALI V

Contact

International School of Photonics,
<https://www.linkedin.com/in/raseem-ali-v-37478b147/>
+91 8086917801
raseempngd@gmail.com
raseem@cusat.ac.in

Education

5 Year Integrated M.Sc. in Photonics,
International School of Photonics,
Cochin University of Science And Technology, Cochin, Kerala

Skills

Optical System Softwares : Zemax
Image Processing : Matlab
Signal Processing : Labview
Optical Characterization
Spectroscopy
OCT Imaging
Image Processing

Objective

Seeking employment in a professional environment where I can diversify and improve the skills in optical engineering.

Research Experience

[Dec 2019 – April 2020, 5 months]

Masters Project, Biomedical Optics Lab, IIT Hyderabad

“Development of Line Scan OCT System For Biomedical Imaging”,
Guided by Dr Renu John, Professor and HOD, Dep. Of Biomedical Engineering, IIT Hyderabad.

[Dec 2017 – April 2018]

Bachelors Project, ISP, CUSAT

“Structural, Thermal and Optical Characterization Of GeAsS Chalcogenide Glass” Guided by Dr Sheenu Thomas, Professor, ISP, CUSAT

Publications

“Tunable optical bandgap in ternary Ge-As-S chalcogenide glass”
AIP Conference Proceedings 2082,030024(2019)

Conference Contribution

Poster titled “Structural, thermal and optical characterization of GeAsS amorphous chalcogenide glass for infrared photonics” was presented at NPS-2019 held at International School of Photonics

Education

Pursuing Integrated M.Sc. in Photonics (Currently in 10th semester)
CGPA: 7.73/10

Senior Secondary (April 2014, W O H S S Pinangode)
Score: 86%

Secondary (April 2012, W O H S S Pinangode)

CGPA: 9.5/10

Relevant Courses

Fiber Optics, Optoelectronics, Laser Physics, Nano Photonics, Bio Photonics, Nonlinear Optics, Solid State Physics, Applied Optics, Atomic and Molecular Spectroscopy, Digital And Optical Signal Processing

Additional Activities

Member and Auditor of OSA student chapter (Optical Society of America).

Organizing committee of IONS KOCHI 2017 (International OSA Network of Students).

Attended annual photonics workshop (APW) and National Photonics Symposium (NPS) conducted at International School of Photonics, Cusat.

Active participation in Optics Fair 2016 and 2017 organized by OSA student chapter, International School of Photonics.

References

Dr Renu John

Professor and HOD,

Dept. of Biomedical Engineering,

IIT Hyderabad

renujohn@iith.ac.in

Dr Sheenu Thomas

Professor,

International School of Photonics,

CUSAT,

st@cusat.ac.in