

# Geethika Muralidharan

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Nationality: Indian

## Academic Qualification

- 2011-2016                    **Masters in Photonics:** Five year integrated M.Sc degree in photonics, International School of Photonics, Cochin University of Science and Technology (CUSAT), India.
- 2014-2015:                    **Certificate course in Italian:** Department of foreign languages, CUSAT, India

## Work Experience

- Master project at RRCAT Indore, India on ***Design and Development of Q-Switched microchip laser*** under the guidance of ***Dr. Jogy George*** from ***December 2015- May 2016***
- ***Silicon Microring Resonator Characterization and Analysis*** under the guidance of ***Dr. Shankar Kumar Selvaraja***, Centre for Nano Science and Engineering (CeNSE), Indian Institute of Science Bangalore, India from ***May-July 2015***
- ***Low Dimensional Structures, Preparation and Characterization Techniques*** under the guidance of ***Prof. Purushottam Chakraborty***, Saha Institute of Nuclear Physics Kolkata, India from ***May -July 2014.***
- ***Optical and Structural Characterization of Chalcogenide Glasses*** under the guidance of ***Dr. Sheenu Thomas***, International School of Photonics, Cochin, India from ***December-May 2014.***
- ***Fabrication and Characterization of Graded Index Polymer Optical Fibers and Studies on Optical Fiber Based Sensors*** under the guidance of ***Dr. M Kailasnath***, International School of Photonics, Cochin, India from ***May- July 2013.***

## Computer Skills

- Programming in C++, Python.
- Matlab, Origin, Mathematica

## Languages Known

- Malayalam, English, Italian: (Elementary proficiency)

## Achievements

- Summer Research Fellowship by Indian Academy of Sciences, 2014.
- Summer Research Fellowship by Center for Nano Science and Engineering (CeNSE), Indian Institute of Science, Bangalore, 2015