

Farhat Abbas is currently studying for his PhD in Electrical Engineering at the University of Texas at Dallas, where he also earned his MS degree in Electrical Engineering.

He completed his MSc and M.Phil degrees in Electronics at Quaid-i-Azam University.

During his PhD studies, he has been actively involved in research projects collaborating with Texas instruments on reflectarray antenna design and fabrication for imaging applications as well as working with Thorlabs on thermal monitoring of quantum cascade laser.

Moreover, he gained industry experience by interning as an Antenna Engineer at Ericsson and as an RF/Microwave Circuits Development and Testing Engineer at NASA Jet Propulsion Laboratory. These experiences exposed him to real-world engineering challenges and allowed him to develop valuable problem-solving skills.

He has a wide range of research interests, including antenna design (especially phased array and reflectarray antennas), thermal distribution of quantum cascade laser, nanophotonics, and optical/chemical sensing. These diverse research interests enable him to explore different aspects of technology and make valuable contributions to various fields. He published the work in several prestigious conferences and journals, demonstrating his expertise in these fields.

