Dr. Hesham Enshasy is a faculty member in the Electrical Engineering department at King Faisal University. Dr. Enshasy has more than 15 years of North American and Middle-Eastern experience in electronics, optoelectronics and semiconductor teaching, research, and manufacturing. His technical and research interest includes developing MOCVD and MBE Photonic devices including wide tunable **Fabry-Perot** diode lasers, Laser Integrated Modulators (LIM) and

Photonic sensors. He has a prominent career progression from process development engineer to leadership of product launch team in diode laser design and manufacturing. He has a proven success of solving product reliability issues and conducting failure analysis during his industrial work. Dr. Enshasy worked in USA in two electronic manufacturing companies T-Networks Inc. in Pennsylvania later known as Cyoptics where he developed next generation photonic devices for high-speed communications. Earlier he worked in CTS Corporation previously Motorola Inc. developing modern filter IC’s for mobile phone industry. He also has a proven ability to research, design and deliver successful and profitable products to telecommunication market.

Dr. Enshasy has published his research work in major international journals and conferences. Dr. Enshasy completed his BS in Physics (Solid State) and his Masters in Electrical Engineering from the University of Nebraska in USA, and his PhD degree in Engineering Physics from McMaster University in Hamilton, Canada.