

## **Brief Profile: Dr. Tanvir Ahmad**

Dr Tanvir Ahmad joined SAARC Energy Center (SEC) Islamabad in June 2019 as Programme Leader (Technology Transfer). He received PhD degree in new and renewable energy from the School of Engineering & Computing Sciences, Durham University in March, 2017. He was awarded the prestigious **commonwealth scholarship** for his PhD research work. During this PhD, he worked with different organizations in the EU including Engie Green France, Electricity Supply Board (ESB) Ireland and Durham Energy Institute (DEI), UK. He also worked as Durham University student ambassador for Pakistan. Tanvir received his **BSc** undergraduate and **MSc** degree in Computer Systems Engineering from the University of Engineering & Technology (UET) Peshawar, Pakistan. He also has **MBA** degree from the Institute of Management Sciences Peshawar, Pakistan. He has authored more than 20 publications in reputable journals and conferences. Dr Tanvir has worked on different projects with USAID, UNIDO, PCRET and HEC worth USD 400,000/-.

Prior to joining SEC, Dr Tanvir was working as Assistant Professor and Head of Energy Management and Sustainability at the US Pakistan Center for Advanced Studies in Energy (USPCAS-E), UET Peshawar. He was involved in different energy related projects mainly in the areas of Smart Control of power system based on Artificial Intelligence (AI) and heuristic based optimization techniques, Energy Management Systems, Energy Auditing, Socio-Technical models for Energy Systems, Data Analytics for efficient utilization of Renewable Energy, Wake Flow Models and Wind Deficit Models. Tanvir also served as Information Technology (IT) Implementation Officer in Regional Data Center Peshawar of National Bank of Pakistan.