

Prof. Shaikh Fattah (IEEE Senior Member, # 41444399)



Shaikh Fattah received Ph.D. degree in ECE from Concordia University, Canada and later he was a visiting Postdoc at Princeton University, USA. He received B.Sc. and M.Sc. degrees from BUET, Bangladesh, where he is currently serving as Professor, Department of EEE and Director, INPE. In his 20 years of professional career, he has been extensively involved in several humanitarian technology projects. He is the Education Chair of IEEE Humanitarian Activity Committee (HAC) (2018-2020). Under his leadership for the first time a structured HAC education curriculum was developed along with five online modules and an online education forum with more than 325 active participants in the areas of sustainable development, community engagement, humanitarian technology and its social impact. He himself conducted more than 30 trainings/talks on these topics in nine different countries, which impacted more than 3000 volunteers.

Shaikh is the Founding Chair of SSIT and RAS Bangladesh Chapters (2018-2020) and under his leadership a very successful international symposium SYMPSIST 2019 was organized. He was IEEE Bangladesh Section Chair (2015-2016) and EMBC Bangladesh Chapter Chair (2017-2019) and also served SDHT committee of IEEE SSIT. He published more than 200 international journal/conference papers. He was the General Chair of IEEE R10-HTC 2017 and is the TPC Chair of IEEE TENSYPMP 2020. He is the Editor of IEEE PES Enews and Editorial Board Member of IEEE Access. He has been serving in various committees of IEEE PES, R10 and served EAB. In IEEE PES, he is the founder Chair of IEEE PES-HAC that has now 288 ambassadors. He received numerous IEEE awards, e.g. 2016 IEEE MGA Achievement Award, 2018 IEEE R10 Outstanding Volunteer Award and 2017 IEEE R10 HTA Outstanding Volunteer Award and many other awards, e.g. Concordia University's Distinguished Doctoral Dissertation Prize (ENS, 2009), URSI Canadian Young Scientist Award (2007) and BAS-TWAS Young Scientists Prize (2014). He is a Senior Member of IEEE and Fellow of IEB.

Shaikh's main focus will be to contribute SSIT Education by preparing structured materials on five pillars of SSIT (sustainable development, ethics/human values, universal access to technology, societal impacts and protecting the planet) with the help of SSIT DLs, experts, and relevant volunteers. His vision is to develop SSIT Education as a unique platform for members/non-members to know more about societal impacts of technologies and necessary guidelines from policy makers and technology developers. He can also utilize his long-term experience to support SSIT conferences and newsletter. His plan is to ensure more visible engagement of SSIT members in local and global levels by empowering the chapters to conduct events/projects/outreach in collaboration with other society chapters, section, conferences, and local organizations/industries.