

## Biography of Dr. Abu Yousuf



ABU YOUSUF holds PhD in Chemical Engineering from the University of Naples Federico II, Italy. His primary research interests include Biorefinery, Bioenergy, Bioremediation and Waste-to-energy. He published more than 60 papers in reputed ISI and Scopus indexed journals, 19 conference papers and 13 book chapters. He is the Editor of five books- "*Lignocellulosic biomass to Liquid biofuels*", "*Microalgae Cultivation for Biofuels Production*", "*Bioreactors*" and "*Sustainable Alternatives for Aviation Fuels*" published by Elsevier; and "*Microbiology of Green Fuels*" published by CRC Press. He also has been serving as an editorial board member of several reputed Journals.

For his research excellence, Dr. Yousuf achieved 'Dean's Award 2019 and 2021' from Shahjalal University of Science and Technology, Bangladesh. He won 'International invention of the year award' from British Invention Show 2017, London, UK for his work on Hybrid Energy Generation for Highway Lighting System. He attended the 'BIOVISION.Next Fellowship Programme 2013' at Lyon, France, after a selection based on scientific excellence, mobility, involvement in civil society. Dr. Yousuf won UNESCO Prize on E-learning course of 'Energy for sustainable development in Asia', Jakarta, Indonesia, 2011.

He successfully accomplished 12 research projects including the grants provided by Global Challenges Research Fund (GCRF), UK; The World Academy of Science (TWAS), Italy; Ministry of Higher Education, Malaysia and Ministry of Science and Technology, Bangladesh. He also worked in R&D project with industrial collaboration.

Dr. Yousuf is an Associate Fellow of Bangladesh Academy of Science (BAS) and Life Member of Bangladesh Chemical Society (BCS) and member of American Chemical Society (ACS). He was also the member of Institution of Chemical Engineers (IChemE), American Institute of Chemical Engineers (AIChE), American Association for Science and Technology (AASCIT) and American Oil Chemists' Society (AOCS).

He has 16 years' experience of teaching in undergraduate and postgraduate levels having very good remarks from the student. Currently, Dr. Yousuf is serving as a Professor in Chemical Engineering and Polymer Science, Shahjalal University of Science and Technology (SUST), Bangladesh. Previously he held the position of Senior Lecturer at Faculty of Engineering Technology, Universiti Malaysia Pahang, Malaysia. He started his academic career in 2004 as a Lecturer in SUST. He earned Bachelor and Master's degree from Applied Chemistry and Chemical Engineering, University of Rajshahi. In Higher Secondary level, he was a student at Dhaka College. His aspiration of research is to handover the benefits of research to the end users. And he presented his research work in Germany, France, Italy, India, Vietnam and Malaysia. He can be contacted at [ayousufcep@yahoo.com](mailto:ayousufcep@yahoo.com)/ [ayousufcep@sust.edu](mailto:ayousufcep@sust.edu)