

## **Dr. Saba Ashraf**

**Assistant Professor,  
SA-CIRBS, Faculty of Basic & Applied Sciences, IIU Islamabad**



Dr. Saba Ashraf has joined Sulaiman Bin Abdullah Aba Al-Khail-Centre for Interdisciplinary Research in Basic Sciences (SA-CIRBS), International Islamic University Islamabad in February 2019. She completed her PhD in Organic Chemistry from Quaid-i-Azam University, Pakistan and North Carolina State University (NCSU), USA under International Research Support Initiative Program, HEC for doctorate studies. During her academic career she won various Scholarships such as PhD fellowship by Quaid-i-Azam University, Pakistan and IRSIP fellowship at North Carolina State University, USA by HEC Pakistan.

Dr. Ashraf carried out her PhD research work at the Wilson College of Textiles, Textile Engineering, Chemistry and Science (TECS) Department, North Carolina State University (NCSU), USA in Prof. Dr. Ahmed El-Shafei's research group. In NCSU, she worked on "Molecular Engineering and Photophysical Characterizations of Heteroleptic Ru(II) Sensitizers for Dye-Sensitized Solar Cells." The main focus of her PhD research work was to develop new synthetic methods to synthesize Ru (II) polypyridyl dyes for energy applications in dye-sensitized solar cells. She has authored/co-authored research papers in high impact peer reviewed international journals. She also has presented her research work in various national and international conferences/symposia. Currently she is going to establish a well-equipped lab for the synthesis and fabrication of solar devices using various light-harvesting materials.

### **Contact Information:**

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