

**Dr. Shakil Ahmed**

*Senior Research Officer*

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**Field:** In-charge of Industrial Analytical Center



Dr. Shakil Ahmed is in charge of the Industrial Analytical center at the International Center for Chemicals and Biological Sciences (ICCBS) since 2000. He undertook his Ph.D. in Organic Chemistry under the supervision of Prof. Dr. Atta –ur- Rahman at H.E.J. Research Institute of Chemistry, ICCBS. Furthermore, he did his Post-Doctoral Fellowship at the Thad Cochran Research Center, University of Mississippi followed by a second Post-Doc fellowship under the supervision of Prof. Gunther Bonn, University of Innsbruck, Austria. His research interests include: Petrochemical industrial troubleshooting, Pharmaceutical industrial troubleshooting and Residual pesticide analysis.

Dr. Shakil has 45 publications and a US Patent on 'Process for the preparation of Quinolone based ionic fluoride salts (QUFS)'. Furthermore, he has contributed at various national and international conferences.

Some of his technical skills include: Industrial scale production of Chitin and Chitosan from Bio-waste of seafood processing industry; command over HPLC and Gas chromatograph. In addition, Dr. Shakil has experience in the use of different instruments such as UV spectrometer and FTIR spectrometer along with extensive experience in the use of different types of separation techniques like HPTLC, Flash chromatography and so on.

Dr. Shakil is a member of the International Union of Pure and Applied Chemistry (IUPAC) and Chemical Society of Pakistan. Moreover, his certifications include: Training Course on Method Validation; Training Course on Internal & External Quality Control and Traceability Conducted by Pakistan National Accreditation Council (PNAC) in collaboration with Norwegian Accreditation.

Further Information: <https://iccs.edu/page-hej-faculty?faculty-page=157>