

## **Project Fellow and Ph.D. Position in the Department of Chemistry, Kazi Nazrul University**

Motivated student **with or without** own CSIR, DST-INSPIRE or other national fellowship from Organic/Inorganic Chemistry background is encouraged to apply for Ph. D. or Project Fellow position.

**Scholarship:** The respective project/Ph.D. student (who does not have fellowship) will be remunerated as per norm up to 5 years.

**Number of Position Available:** Up to 2 (two)

**Project Details:** The successful candidate/s will work on the research field of Supramolecular Chemistry. We seek applications from motivated students with a passion for research. Preference will be given to those who are experienced in synthesis, column chromatography and characterization techniques including NMR, FT-IR, PXRD, SEM, TEM, single crystal XRD, etc. Specifically, the candidate will work under the supervision of Dr. Rajat Saha and Dr. Subham Bhattacharjee on the following joint collaborative projects as mentioned below:

- (a) Nano-porous supramolecular membrane for sea water desalination and purification of industrial waste water.
- (b) Exploring nascent potential of arene-perfluoroarene interaction induced supramolecular gels.
- (c) Donor-acceptor based molecular co-crystals for optoelectronics
- (d) Pharmaceutical co-crystals to design new medicine

**How to Apply:** Send the following items by email to [sbpb2012@gmail.com](mailto:sbpb2012@gmail.com) or [rajatinorg1@gmail.com](mailto:rajatinorg1@gmail.com): CV with your photo; summary of your research interest (1-2 Page); brief summary of your M. Sc. project; contact address of two referees.

**Deadline:** The position is open immediately and the search will continue until the position is filled.

**Selection procedure:** The suitable fellow will be selected by face-to-face interview from the shortlisted candidates at the Chemistry Department of Kazi Nazrul University.