



হায়ার এডুকেশন এক্সিলারেশন এন্ড ট্রান্সফরমেশন (হিট)

পিন: ১৩৭৪২, রসায়ন বিভাগ
বেগম রোকেয়া বিশ্ববিদ্যালয়, রংপুর



Memo. no: HEAT/ATF/13742/Chemistry/BRUR/Advertisement/26-23

Date: 21-07-2026

Advertisement of Research Associate/M.Sc. (Thesis) Student Appointment

Department of Chemistry
Begum Rokeya University, Rangpur

Call for Applications

Research Associate (RA) and M.Sc. (Thesis) Positions

Applications are invited from qualified and motivated candidates for one (01) Research Associate and four (04) M.Sc. (Thesis) research positions under the Higher Education Acceleration and Transformation (HEAT) Project (PIN 13742), funded by the University Grants Commission (UGC), Bangladesh, and being implemented at the Department of Chemistry, Begum Rokeya University, Rangpur.

The sub-project focuses on developing Schiff-base modified nanomaterials (MNPs) for removal of heavy metal ions, organic dyes CO_2 and N_2O from industrial waste and conversion into eco-friendly substances in Bangladesh.

Areas of Research

- Synthesis of novel Schiff bases (SBs) and nanomaterials (NMs);
- Characterization of synthesized SBs and NMs using UV-Vis, ATR-IR, NMR, SEM, XRD, XPS etc;
- Investigation of NMs performance for the removal or conversion of heavy metal ions, organic dyes, CO_2 and N_2O into sustainable substances;
- Catalytic activity evaluation and water quality improvement assessment;
- Prepare for effective technology transfer from R & D to manufacturing site;

Eligibility Requirements

- RA/Postdoctoral: PhD, in Synthetic Chemistry/Material Synthesis or related field.
- MSc (Thesis): Bachelor's degree in Chemistry or Applied Chemistry.
- Prior research experience in organic and inorganic synthesis is preferred.
- Strong computer skills.
- Applicants must meet the PhD/MSc admission requirements of the Begum Rokeya University, Rangpur.

Funding & Support

- Monthly stipend and research support as per HEAT Project guidelines.
- Opportunities for training, collaboration and publication in peer-reviewed journals.

Application Procedure

Interested candidates should submit:

- Cover letter CV with photo, academic transcripts/certificates, and one reference letter (for Research Associate).
- Employed candidates must apply through the proper authority with a leave approval letter.
- Send a hard copy to **Prof. Dr. Bijan Mohon Chaki**, SPM of HEAT SP13742, Department of Chemistry, Begum Rokeya University, Rangpur, and a soft copy (single PDF) to drbijan.chem@brur.ac.bd by 30 July 2026
- Mention the applied position on the envelope and email subject line.


21.07.26

Dr. M. Abdul Latif
Head of the Department
Department of Chemistry
Begum Rokeya University, Rangpur


21.07.2026
Prof. Dr. Bijan Mohon Chaki
Sub-Project Manager
HEAT-W 3(a)-13742
Department of Chemistry
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