

Resume of Dr. Md. Rafiqul Islam



DR. MD. RAFIQUUL ISLAM

Member/ Additional Secretary (ID-20336, 18 Batch)
Bangladesh Energy & Power Research Council (BEPRC)

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Google scholar: <https://scholar.google.com/citations?user=lk7pXn8AAAAJ&hl=en>

Career Highlights

Education:

- ✚ Postdoc/ Research Professor in Nanotechnology, PKNU, South Korea, 2013
- ✚ Ph.D. in Materials Engineering, Iwate University, Japan, 2004
- ✚ M.Phil. in Chemistry, BUET, 2000
- ✚ B.Sc & M.Sc. in Applied Chemistry & Chemical Engineering, DU, 1994 & 1996

(Secured all 1st class in academic degrees)

Professional Experiences/ Posting:

- ✚ **Member (Additional Secretary)** in Bangladesh Energy & Power Research Council (BEPRC) since October 2024 till date (Leading 4 wings of BEPRC since October, 2024)
- ✚ **Additional Secretary** in Energy & Mineral Resources Division since April, 2024 to September 2024 (Lead Planning, & Coordination wings of EMRD)
- ✚ **Joint Secretary (Planning)** in Energy & Mineral Resources Division since September, 2020 to March 2024
- ✚ **Director General** of Hydrocarbon Unit (Additional Charge for 6 months);
- ✚ **Deputy Secretary/Deputy Chief (Planning-2)** in Energy & Mineral Resources Division since March, 2013 to August 2020
- ✚ **Senior Assistant Chief** in Power Division since October 2008 to September 2010
- ✚ **Assistant Chief** in Power Division since April 2004 to September 2008
- ✚ **Assistant Director** in IMED since January 1999 to September 2000

Other Distinguished Services:

- ✚ **Syndicate Member**, Shahjalal University of Science & Technology since April 2024 till date;
- ✚ **Associate Editor**, American Journal of Modern Energy since March 2024 till date;
- ✚ Served as **Energy Expert (Secondee)** in International Energy Charter, **Belgium** for 3 months;
- ✚ Served as **Chairman of the Board of Directors**, Sundorban Gas Company Ltd.;
- ✚ Served as member of **Governing Body of BEPRC** as EMRD representative;
- ✚ **Director of Board of directors** of several SOEs: *RPGCL, KGDCL, PGCL*;

- ✚ **Co-author** of *Methane Abatement Handbook for Policymakers*, published by US Department of Commerce, Sponsored by US Department of State, published in 2023;
- ✚ **Advisor**: Bangladesh Nano Society (Scientific professional body);
- ✚ Serving as **Member Board of Governance (BoG) of IEE, DUET**;
- ✚ Serving as **Member Board of Governance (BoG) of IEES, RUET**;
- ✚ Served as **Member of Syllabus Committee, EEE, JUST**;
- ✚ Served as **Deputy National Project Director**, SED, GIZ, Germany;|
- ✚ Served as **Assistant Project Director** for Power Sector Capacity Development Program;
- ✚ Served as **Assistant Project Director** for Private Sector Participation in Power Sector Project;
- ✚ Served as **Member of Tender/ Proposal Evaluation Committees** of SOEs;
- ✚ Served as **Member of Recruitment & Promotion Committees** for SOEs;
- ✚ Served as **Team Leader**: Technical Working Group of Master Plan- *Integrated Energy & Power Master Plan - 2023*;
- ✚ **Chairman**: Technical Board Committees (RPGCL, PGCL);
- ✚ **Reviewer** of International Scientific Journals;
- ✚ No of International Scientific **Publications**: More than 60 (Peer reviewed research article);
- ✚ **Google Scholar Citation**: 734, h-index: 15, i10-index: 22;

Received Major Training:

- ✚ Foundation Training for Bangladesh Civil Service (4 months) at BPATC;
- ✚ Professional Training Economic Management (2 months) at NAPD;
- ✚ Legal Framework Training on Public Private Partnership (3 weeks), IP3, USA;
- ✚ Senior Staff Course Training at BPATC;
- ✚ General Trainings on Public Procurement, Project Management, Finance Management, Human Resource Management, Good Governance, etc.
- ✚ Technical Training on Design, Procurement, Installation, Testing & commissioning of Power & Energy Infrastructures Projects;
- ✚ Technical Training on LNG Value Chain, Coal Mining, Coal Bed Methane (CBM) exploration, etc. from different countries like Japan, USA, Australia, Germany, China, Thailand, Korea, Russia, Malaysia, etc.

Trainer: Take sessions on Power & Energy, Technologies, Climate, Good Governance, Policies, Legal Issues, Human Resources Management, Project Management, Financial Management, etc. in different renowned organizations.

Honors: Postdoctoral Fellowship, Korean Government, Pre-Doctoral Scholarship, Japan Government, Teaching Assistantship, Iwate University, Teaching Assistantship, BUET.

Personal Information:

- ✚ Date of Birth : January 23, 1972.
- ✚ Father's Name : Md. Abdur Rahman
- ✚ Mother's Name : Rabeya Akhter Khatun
- ✚ Permanent Address : Vill: Guroi, Upazila: Nikli, District: Kishoregonj
- ✚ Present Address : House-301/1, Block-A, Road-6, Khilgaon, Tilpapara, Dhaka.