

# A Seminar

on

## “Introduction to Nuclear Power Reactors”

Will be held as the schedule given below. All faculty members, researchers, graduate students and senior students of all the Faculties Institutes and Centers of BUET and others interested in nuclear power are cordially invited to attend the seminar.

**Speaker:** Dr. Abdul Matin, Dr. Rashid Professor, BUET

**Venue:** Seminar Room, 2<sup>nd</sup> Floor, Civil Engineering Building, BUET

**Date:** 16<sup>th</sup> September, 2015.

**Time:** 5.00 pm

### About the speaker:

Dr. Abdul Matin graduated in Electrical Engineering from the erstwhile Ahsanullah Engineering College, Dhaka, in 1961. He obtained a D.I.C. in Nuclear Power from Imperial College, London, in 1963 and a Ph.D. in Nuclear Engineering from Liverpool University, England, in 1965.

He served at the Pakistan/Bangladesh Atomic Energy Commission in various capacities. He held the positions of Director of the Nuclear Power Division of Pakistan Atomic Energy Commission, Karachi, and was the Chief Engineer and the first Project Director of the Atomic Energy Research Establishment (AERE), Savar. He also taught at King Abdulaziz University in Jeddah, Saudi Arabia, as Associate Professor. He joined BUET as Dr. Rashid Professor in July 2015.

He has a large number of technical publications. He writes popular articles for national newspapers and published six books including “Nuclear Power & Rooppur.”

### A summary of the topic:

Starting with fission, fission chain reaction and fission energy, the presentation explains the basic components of a nuclear power reactor with reference to the materials used. The different nuclear power reactors like the pressurized water reactors (PWR), the boiling water reactors (BWR), heavy water reactors (HWR), gas-cooled reactors (AGR) and the fast breeder reactors (FBR) are described with a brief reference to their safety and to the conceptual designs of the advanced nuclear reactors.

## বাংলাদেশ প্রকৌশল বিশ্ববিদ্যালয়, ঢাকা

নং সংস্থা/এস-১৩/রে- ২২০৮(৬০)

তারিখঃ ২২/০৯/১৫

সদয় অবগতি ও সংশ্লিষ্ট সকলকে অবহিতকরণ ও নোটিশ বোর্ডে টানানোর অনুরোধসহ :-

- ১। সকল বিভাগ প্রধান, বাঃ প্রঃ বিঃ, ঢাকা।
- ২। সকল ইনস্টিটিউট/সেন্টার-এর পরিচালক, বাঃ প্রঃ বিঃ, ঢাকা।
- ৩। ছাত্রকল্যাণ পরিচালক, বাঃ প্রঃ বিঃ, ঢাকা।
- ৪। সকল হল প্রভোস্টবৃন্দ, বাঃ প্রঃ বিঃ, ঢাকা।
- ৫। গার্ড ফাইল/ব-৬।

Teachers

