



The Institution of Engineers, Bangladesh

Headquarters: RAMNA, DHAKA - 1000, Bangladesh

Tel : 88-02-9573343,, 9556112, 9559485, Fax : 88-02-9562447

E-mail : info.iebhq@gmail.com, Web site : <http://www.iebbd.org>

Ref. No. HQ/IEB/G/Con-56/2016/150

বাংলাদেশ প্রকৌশল বিশ্ববিদ্যালয়, ঢাকা Date: 10/01/2016
ডায়েরী নং/অফিস

Prof. Khaleda Ekram
Vice-Chancellor
Bangladesh University of Engineering &
Technology (BUET)
Dhaka-1000

প্রাপ্তি সংখ্যা.....

তারিখ..... ১৮/০১/১৬

স্বাক্ষর
স্বাক্ষর

Subject : Call for Papers

Dear Sir,

We have the pleasure to inform you that the 56th Convention of The Institution of Engineers, Bangladesh (IEB) is going to be held during 5-7 February, 2016 in IEB, HQ, Ramna, Dhaka. About 5000 Engineers from home and abroad are expected to participate in the convention program. Leading Engineers, Technologist, Professors will also join in the convention and take part in the National Seminar as well as Technical Discussion Sessions.

Sheikh Hasina, Hon'ble Prime Minister, Government of the People's Republic of Bangladesh has kindly consented to inaugurate this grand engineering convention on 6th February 2016 at 10:00 am. **Begum Rowshon Ershad**, Hon'ble Leader of the Opposition in the Parliament has likely to present as Chief Guest in the Closing Ceremony on 7th February 2016 at 03:00 pm.

The main theme of this Convention is "Engineers for Sustainable Development" while the theme of the National Seminar is "Excellence in Engineering for Sustainable Development".

On this occasion, we are delighted to wishing you and your organization to present a paper on the above theme in the National Seminar of the Convention.

Please find herewith attached a brochure for your kind information and necessary action.

Thanking you,

Engr. Md. Abdus Sabur
Honorary General Secretary

স্বাক্ষর
স্বাক্ষর
১৮/০১/১৬

Registrar
DR/1

Encl : As stated above.

বাংলাদেশ প্রকৌশল বিশ্ববিদ্যালয়, ঢাকা

নং সংস্থা/আই-৫/রে- ৪৫০৭ (৪০)

তারিখঃ ২৪/১/১৬

অবগতি ও প্রয়োজনীয় ব্যবস্থা গ্রহণের জন্য অনুলিপি :-

১। ডীন, সকল অনুষদ, বাঃ প্রঃ বিঃ, ঢাকা।

২। প্রধান, সকল বিভাগ, বাঃ প্রঃ বিঃ, ঢাকা।

VENUE

The Institution of Engineers, Bangladesh
Headquarters : Ramna, Dhaka 1000, Bangladesh.

ABOUT THE VENUE

Dhaka, the venue selected for the 48th Annual Convention and the National Seminar is the capital of Bangladesh. The city has an exciting history and rich culture and is known to the world as the city of mosques and muslin.

It has history dating back to earliest time. However, the exact date of its foundation is not known. However, according to recorded history it was founded in 1608 A.D. as the seat of the imperial Mughal Viceroy of Bengal.

Dhaka as the capital of Bangladesh has grown into a busy city of about seven million people with an area of about 815 sq. km. Having a happy blending of old and new architectural trends, Dhaka has been developing fast as a modern city and is throbbing with activities in all spheres of life. It is the centre of industrial, commercial, cultural, educational and political activities for Bangladesh. At Tongi Teigaon, Demra, Pagla, Kanchpur the industrial establishments turn-out daily necessities. Motijheel is the main commercial area of the city. Dhaka's major waterfront Sadarghat is on the bank of the river Buriganga and is crowded with all kinds of river craft, yachts, country boats, motor launches, paddle - steamers, fishermen's boats all bustling with activity. Colourful rickshaws (tricycle) on the city streets are common attractions for the visitors.

GENERAL INFORMATION

Area: 815.85 Sq. kilometres (approx.), Population: Seven million (approx.), Climate: Tropical, with heavy rainfall and bright sunshine in the monsoon and warm for the greater part of the year. The winter months, from November to March, are however, most likeable, cool and pleasant. The maximum and the minimum temperatures during summer and 36.7°C and 21.1°C respectively. In winter it these are around 31.7°C and 10.5°C, respectively. The annual rainfall is 2540 mm. The voltage of electricity throughout Bangladesh is 220 volts.

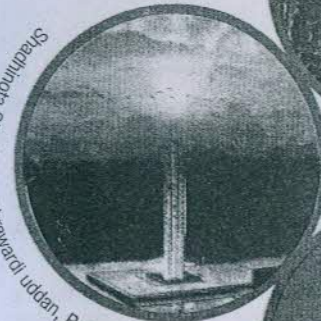
FIELD TRIPS

A series of tour program covers different tourist attractions and engineering installations located in and around Dhaka City. Pre-registration to the Annual Convention is a pre-requisite for attending these field trips.

Oporajeyo Bangla, Dhaka University, Dhaka



Karjon hall, Dhaka University, Dhaka



Shadhinota Stambha, Sohrawardi Uddan, Ramna, Dhaka



Shohid Minar, Dhaka University, Dhaka

ENGINEERS for SUSTAINABLE DEVELOPMENT



CONVENTION
THE INSTITUTION OF ENGINEERS BANGLADESH

National Seminar
on
Excellence in Engineering for
Sustainable Development

February 07, 2016, Dhaka, Bangladesh



The Institution of Engineers, Bangladesh
Headquarters : Ramna, Dhaka 1000.

INVITATION

It is our pleasure to introduce the Institution of Engineers, Bangladesh (IEB) as the lone professional organization for the engineers in Bangladesh that represents the engineering community of the country. Since its inception on 7th May, 1948, the Institution is serving the nation through the practice of engineering science and continuously improving the professional standards of its members. The institution has specialised divisions in civil engineering, mechanical engineering, electrical engineering, chemical engineering and agricultural engineering. The institution has 18 centres, 31 sub-centres across the country along with 11 overseas chapters. To promote the profession all over the world, the Institution has bilateral agreements of professional cooperation with various brotherly professional associations across the globe. To pursue the continuing education and also to establish a recognised professional standard, the Institution has established Engineering Staff College and the Bangladesh Professional Engineers Registration Board. Over the decades, the Institution is organising the Annual Convention and National Seminars once in every year to strengthen the ties between the professionals all over the world.

We have the pleasure to inform you that the 56th Convention of the Institution of Engineers, Bangladesh (IEB) is going to be held from 04-07 February, 2016 in the capital city, Dhaka. About 4000 Engineers from home and abroad are expected to join in the convention program. Leading Engineers, Technologist, Professors will also join in the convention and will take part in the Memorial Lectures, National Seminar and Technical Discussion Sessions.

Sheikh Hasina, Hon'ble Prime Minister, Government of the People's Republic of Bangladesh has kindly consented to inaugurate this grand engineering convention of the country on 06 February, 2016.

Begum Rowshan Ershad, Hon'ble Leader of the Opposition has also consented to be the Chief Guest in the Closing Ceremony.

The main theme of this Convention is "Engineers for Sustainable Development" while the theme of the National Seminar is "Excellence in Engineering for Sustainable Development".

On this occasion, we are delighted to wishing you to present a paper on the above theme in the National Seminar of the Convention.

We hope that you will accept our invitation and join us in this grand occasion. Your kind co-operation and contribution to the seminar will encourage us to achieve our goal.

Engr. Md. Abdus Sabur
Honorary General Secretary

CALL FOR PAPERS

Papers are invited for the National Seminar. Papers should be based on practical study, experience or research in actual working environment and should be prepared as per Guidelines for Preparation of Papers. Practicing engineers and technologists are especially encouraged to participate.

Papers are solicited in the broader areas of Environment, Water Sharing, Industrialization, Energy, Communication, Infrastructure, Construction Materials, Disaster Management, Quality Management, Quality Assurance and Agriculture. The authors must have an explicit discussion on the role and coherence of sustainable development through excellence in advancing the knowledge, professionalism and social benefits in these broad areas. Thus, the contents and conclusions of the presentation must depict the role of the area of your interest/specialization in materializing the goal of achieving the sustainability. On other way, the paper must represent the theme of the Seminar.

GUIDE LINES FOR PREPARATION OF PAPER

1. The language of the National Seminar shall be English.
2. Type papers single spaced on A-4 size paper using MS Word 2003 or higher version leaving margins of 40 mm on top and left side and 30 mm on the right and bottom. Total length of the paper should not exceed 10 pages including figures etc. A soft copy of the paper shall be submitted to Institution of Engineers at iebnews48@gmail.com.
3. Title of the paper should be in capital letters and centred. This should be followed by four spaces and then by the names and addresses of the authors. The text should be divided into major sections.
4. References cited in the text may be listed alphabetically at the end of papers. The word 'REFERENCES' should be capitalized and centred above the list of references.
5. Multimedia Projector will be available during the presentation.

ESSENTIAL DEADLINES

January 10, 2016
Deadline for receipt of full paper as per prescribed format with soft and hard copy

January 15, 2016
Deadline for information about acceptance of papers: (Only unaccepted papers)

January 25, 2016
Deadline for information about attendance as a delegate.

PUBLICATION

Only the accepted papers will be published in the proceedings. For publication, submission of papers in prescribed format is essential. The papers must represent the main theme of the National Seminar.

ADVISORY COMMITTEE

Engr. Md. Kabir Ahmed Bhuiyan, F/2700, President, IEB	Chairman
Dr. Engr. Jamilur Reza Choudhury, F/1005, VC, IAP	Member
Dr. Engr. A. M. M. Saifullah, F/1319, VC, AUST	Member
Dr. Engr. S. M. Nazrul Islam, F/1431, Ex-VC, BUET	Member
Dr. Engr. Ain-Un-Nishat, F/1526, Brac University	Member
Engr. Md. Nuruzzaman, F/2255, Vice-President (HRD), IEB	Member
Engr. Md. Shahadat Hossain (Shelly), F/3000, Vice-President (A&F), IEB	Member
Engr. Khandker Manjur Morshed, F/4000, Vice-President (A&I), IEB	Member
Engr. Md. Ataul Mahmud, F/7778, Vice-President (S&W), IEB	Member
Engr. Md. Abdus Sabur, F/6100, HGS, IEB	Member Secretary
Engr. Md. Mamunur Rashid, F/6699, HGS (HRD), IEB	Joint Member-Secretary

SEMINAR COMMITTEE / EDITORIAL BOARD

Engr. Md. Nuruzzaman, F/2255, Vice-President (HRD), IEB	Chairman
Engr. Mohammad Ali Masud Haider, F/2900, Chairman, CED, IEB	Member
Engr. Md. Hamidul Hoque, PEng., F/2959, Chairman, EED, IEB	Member
Dr. Engr. Mohammad Ali, F/7759, Chairman, MED, IEB	Member
Engr. Md. Mossaddeque Hossain, F/3994, Chairman, ChED, IEB	Member
Engr. Kazi Muzammel Hoque, F/2137, Chairman, AED, IEB	Member
Engr. Md. Shafiqur Rahman, F/6732, Chairman, TED, IEB	Member
Dr. Engr. Mohammad Mahfuzul Islam, F/9339, Chairman, ComED, IEB	Member
Engr. Saumitra Kumar Mutsuddi, F/4576, Central Council Member, IEB	Member
Engr. Shekhar Bhattacharjee, F/4823, Central Council Member, IEB	Member
Engr. Md. Abdus Sabur, F/6100, HGS, IEB	Member Secretary
Engr. Md. Mamunur Rashid, F/6699, HGS (HRD), IEB	Joint Member-Secretary
Dr. Engr. A. F. M. Saiful Amin, F/7212	Member

SUBMISSION OF MANUSCRIPT

Dr. Engr. A.F.M. Saiful Amin

Professor, Department of Civil Engineering, BUET
Email : iebnews48@gmail.com
Phone : +88-02-9665650 Ext. 7944, Fax: +88-02- 9665639

CORRESPONDENCE AND INFORMATION

Engr. Md. Abdus Sabur

Honorary General Secretary

The Institution of Engineers, Bangladesh
Headquarters, Ramna, Dhaka 1000.

Telephone : +880-2-9559485, 9566336
Fax : +880-2-9562447
E-mail : iebnews48@gmail.com