

Test run train through Jamuna Railway Bridge



Bangladesh Railway (BR) conducted a trail-run through Jamuna Railway bridge on Tuesday, 25 November, 2024 at 10:00am at speed of 120km per hour. Starting from the east side of Tangail-Bhuapur par, the train crossed the bridge and arrived at Sirajganj west part of the route. The bridge has the provision for crossing of both meter gage and broad gage train. As gathered from the concerned Project Director, the 4.80 km long bridge is scheduled to be inaugurated formally on mid-January, 2025. He further stated that ECNEC approved the project on 6th December, 2016 at a cost of Tk 16,780 crore and 7 lac of which Tk 12,149 crore 2 lac will be financed by JAICA. He also informed that in total 88 nos. passenger and goods train can pass through the bridge in every day.

LGED Constructs PSC Girder Bridge



Under the Greater Dhaka Rural Infrastructure Development Project-3(1st Revised) in Gazipur district, construction work of a 90-meter Pre Stressed Girder bridge has been completed over the Matikata River in Sreepur Upazila of Gazipur district. Before the bridge was built, people from both banks used to travel by boat. Now as the construction of the bridge is completed, people on both side of alpukurpar Bazar via Shimultala Bazar in

Sreepur upazila of Gazipur district can travel easily. By using the bridge as a connecting road, it is possible to transport rice, corn, vegetables and fish to different parts of the country including the capital at a low cost. Thus LGED is a major contributor for providing connectivity facility throughout the country, rural areas in particular.

DUET ASCE Students Chapter's Program

The 12th anniversary of DUET ASCE Students Chapter was celebrated in a befitting manner on October 5, 2024 at



DUET campus. The occasion included warm send-off for the departing senior members of the Chapter including variety of programs and activities that showcased the Chapter's accomplishment and progress over the years. Chaired by Sayed Al Rahat, President of DUET ASCE Student Chapter, the grand occasion was attended by Prof. M. Alauddin, Head, Dept. of Civil Engg, Engr. Abu Saleh M. Nuruzzaman, F.ASCE, Secretary, ASCE Bangladesh Section Prof. Md. Khosru Miah, Coordinator of the DUET Student Chapter and a large number of Student members.

The day-long programs also included with the items like – T-shirt distribution, rally and tree planting, seminar on “Thermal Comfort in Buildings Using Atmospheric Windows”, including farewell reception & award ceremony, declaration of new executive committee etc. After more than ten years of success, the Chapter has developed into a thriving community of aspiring engineers that upports excellence in both extracurricular and academic pursuits.

New President of IEB

Engr. Mohammad Reazul Islam (Rezu)



F/3198 took over the position of the president of Engineers Institution, Bangladesh (IEB) in October, 2024. Graduated in Civil

Engineering from KUET in 1981, he has acquired commendable experience working in private sector and obtained enviable reputation. He gathered valuable experience working previously in IEB as the VP (Admn. & Fin.) (2006, 2008), Chairman, Dhaka Center(2004-2005) & Honorary Secretary, Dhaka Center(2002-2003). Mr. Islam possesses exceptional managerial capability with immense creativity in efficient discharging of the responsibilities reposed on him. As a sound and committed professional, he earned enviable reputation for his high professional excellence with tremendous insight into the objectives combined with the rare quality of vigorous dynamic leadership. During the tenure of his service in IEB, he demonstrated exceptional dynamic leadership quality for mitigation of intricate problems pertinent to engineering profession. Mr. Islam's dedication for the cause of development of engineering community is worth mentioning.

IEB Observed Victory Day



Institution of Engineers, Bangladesh (IEB) observed Victory Day on December 16, 2024 in a befitting manner. On this very day of 1971, Pakistani occupation army surrendered to the joint command of Indian Army and Freedom Fighters and Bangladesh emerged as an

independent and sovereign country. Monday, in the morning of the victory day, IEB office bearers along with a large number of engineers gathered at IEB Headquarters campus, Ramna at 9:00 am to join the flag hoisting (National and IEB) ceremony. Thereafter, they left for National Martyrs Memorial, Savar and placed flower wreaths at the alter of the monument to show respect to three million martyrs of our freedom struggle. The IEB office bearers accompanied the occasion includes amongst others Md. Reazul Islam Rezu, President, Khan Maknjur Murshed VP, Sheikh Al-Amin, VP, Nizamuddin Bhuyan, VP, Prof. Dr. Md. Sabbir Mustofa Khan, HGS and all AHGSS.

PWD Constucts 500-bed Hospital



Public Works Department(PWD) has constructed a massive 500- bed Genral Hospital at Mugda within the capital city of Dhaka. The aim of the project is to provide facility for modern and comparatively cheaper treatment among the poor section of the city dwellers of eastern part of Dhaka city in particular. With the implementation of the project, basic need for health care facility will be extended to cater to the need of the poorer section of the people of the city.

The hospital stands on a plot of 9.52 acres land in Mugda area comprises of a picturesque massive 13-storied main hospital building provided with all kind of modern treatment facilities. The hospital building has a total floor area of 50,8471 sftoccupying almost40,000 sft per floor, provided with 360 bed, 140 cabin, 8 nos. OT, 2 nos. Minor OT and 22 nos. post- operative bed. Cost of the GoB funded project is Tk 105.26 crores only. Poorer section of the city dwellers will be immensely benifitted out of the health care facility provded from the hospital.

47th ECM of ACECC Held



Executive Committee Meeting (ECM) of Asian Civil Engineering Coordinating Council (ACECC) was held recently in

Wellington, capital city of New Zealand. Engineers New Zealand (ENZ), a Member Society of ACECC hosted the occasion on 20-22 October, 2024 in a befitting manner. Out of the 17 member societies, most of the societies except a few attended virtually, took part in the meeting. The lone member from IEB Engr. Malek Shikder, the Chairman, Award Sub-committee attended the meeting virtually.

The 47th ECM was held on Tuesday, 22 October, 2024 after confirmation of official representatives and establishment of the quorum including a brief review of the minutes of the 46th ECM held in Manila, Philippines which was approved after IEP motioned and seconded by NEA. The TCCM and PCM commenced in orderly manner before the ECM where decision were taken in the light of the meeting outcome of the TCCM and PCM. Following were the recommended items from TCCM and PCM and their approval.

TCCM items : i)TC34: New TC named as Research & Development of offshore wind Technology , ii) TC34: renamed of title as Green Energy in Wind Engineering in , iii) Endorsement of ASCE 73 for sustainable infrastructure (73-23); PCM items; i) approval of PCM minutes, ii) acceptance of membership application of RSCE, iii) approval of ACECC Awards result as presented by Engr. Malek Shikder of IEB, Awards-



Sub-Committee Chair, iv) The SG and Awards Sub-Committee Chair will make recommendation to amend the rules that may be considered at the 48th ECM, to be hosted in Yangon, and likely voted upon at the 49th ECM to be hosted in Jelu, S. Korea. v) consideration of one time subsidy from ACECC reserve, to assist with the CECEAR 10 corporate contribution either of the 2 option A(50%) and B(75%) whereby option B was recommended. Thereafter, Secretariat Report on ACECC Activities and Finance Committee Report were approved after those were presented. Then threadbare discussion on plans for the 48th ECM were made and after sequential presentation by ICE(I), PICE and CICHE, CICHE's proposal was accepted for hosting CECAR 11 in

Taiwan as being the highest vote receiver. As there being no other transaction for discussion, the meeting ended with thanks to the chair.

Since ACECC's mission has always been to foster collaboration, share knowledge and promote sustainable development across diverse engineering communities in Asia, ENZ's sincere efforts and initiative as a host was very successful including its impeccable hospitality. The meeting expressed sincere thanks to ENZ for managing a remarkable and entertaining ECM. The meeting ended with thanks to the chair and wishing all the participants of all Member Societies meeting again at the 48th ECM in April, 2025 in Yangon, Myanmar.

ESCB Training Courses

1139. Fire Fighter System (FFS), Fire Detection System(FDS)& Fire Safety Assessment (FSA) (38th Batch):

Duration: 7 Dec to 12 Dec, 2024; Time: Every Day 6:00pm to 9:00pm, 12 hours, 4 classes; Registration Fee: Tk 4000/- per participant; Last Date of Receiving Nomination: 3 Dec, 2024; Venue: Training Lab, ESCB City Campus, IEB Headquarters.

1140. Plumbing Technology (47th Batch) :

Duration: 09 Dec, 2024 to 12 July, 2024; Everyday : Dec 09,2024 to 12 Jul 2024; Time: Every Day :06:00 pm to 09 pm;12 hours, 4 classes; Registration Fee: Tk 4000/-per participant, Last Date of Receiving Nomination: 5 Dec , 2024; Venue: : ESCB City Campus, IEB Headquarters.

1141. Electrical Services Design for Building and Industries(47thBatch)

: Duration: Dec 08, 2024 to 11 Jul, 2024; Time: Everyday: 6:00 pm - 9 pm,12 hours, 4 classes; Registration Fee: Tk 4500/-per participant, Tk 4500 for IEB members; Last Date of Receiving Nomination: 4 Dec, 2024: Venue: ESCB City Campus, IEB Headquarters .

EDITORS' NOTE

The issue contains a number of news on implementation of various projects pertinent to civil engineering field. This include test-run of a train through railway bridge recently built over the Jamuna river, DUET student chapter program observing Victory Day by IEB and 500-bed hospital built by PWD and etc. It also speaks in details on the commencement of 47th ECM of ACECC held recently in Wellington, the capital city of New Zealand. Besides, the issue contains programs of ESCB courses including the news of the new IEB President.

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