

BUETEN NEWSLETTER



61 ST CONVENTION DHAKA 2024

"Engineering and Technology for Smart Bangladesh"



61st Convention of The Institution of Engineers, Bangladesh was held in Dhaka from 9 to 14 May 2024.

Sheikh Hasina MP, Hon'ble Prime Minister, Government of the People's Republic of Bangladesh has kindly consented to inaugurate the Convention as the Chief Guest on Saturday, 11 May 2024 at 10:00 a.m. at the premises of IEB Headquarters, Ramna, Dhaka.

On behalf of the President and the Central Council of The Institution of Engineers, Bangladesh, **Md. Shahadat Hossain, CEO & Managing Director of O.CREEDS Ltd.** attended the Inaugural Ceremony.

Newsletter Highlights

- O.CREEDS Ltd
- D8 CONSULTANTS Ltd
(D8CL)



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"ONUSHANDHANI CREEDS LIMITED (O.CREEDS LTD.) COLLABORATES ON DHAKA SANITATION IMPROVEMENT PROJECT (DSIP) WITH DWASA"

TEAM O.CREEDS Ltd.

Onushandhani Creeds Limited (O.Creeds Ltd.) is proud to be involved in the Dhaka Sanitation Improvement Project (DSIP) with Dhaka Water Supply And Sewerage Authority (DWASA).

This project aims to significantly improve the community's well-being and environmental sustainability by:

- Upgrading sanitation infrastructure
- Implementing effective waste management systems
- Promoting good hygiene practices

O.Creeds Ltd. is conducting a comprehensive household survey to assess the community's current sanitation situation. Detailed survey plans cover various aspects, including:

- Housing types and occupancy
- Road conditions
- Septic tank or service pit informations
- Sewer discharge methods
- Existing connection pipes and willingness to connect to new systems
- Potential challenges with connecting to new systems
- Detail design & modelling (Hydraulic Modelling for Final sewer design)



O.Creeds Ltd. is conducting the on-site visits for all households, not just a sample, to gather the most accurate data. This includes information on:

- Outdoor plumbing (kitchen, bathroom, toilet, etc.)
- Rainwater drainage systems

The survey results will be provided to DWASA in a digital format. Additionally, O.Creeds Ltd. will update DWASA's existing customer database for this specific area based on our findings.



INFRASTRUCTURE DESIGN FOR 100 MW SOLAR POWER PLANT

CONSULTING FIRM: D8 CONSULTANTS LTD. (D8CL)

To meet the goals outlined in the Power System Master Plan-2016 and the Renewable Energy Policy 2008, Rural Power Company Ltd. (RPCL) has decided to build a 100 MW solar power plant in Jamalpur, Bangladesh. The location was chosen after a thorough feasibility study that considered all potential social and environmental effects. The projected Solar PV Power Plant will occupy about 326 acres of land in total.

Sterling and Wilson Renewable Energy (S & W), a global leader in offering a complete range of Solar EPC solutions, partnered with multidisciplinary infrastructure design consulting firm - D8 Consultants Limited (D8CL) of Bangladesh for providing consultancy services for the Detailed Design of different infrastructures like bridge, embankment, helipad, machine foundation & other components of this 100 MW Power Plant project. We are pleased to continue advancing this important infrastructure work at Jamalpur, Bangladesh with our partners at the S & W," said D8CL CEO, MD & Principal Engineer - Jaher Wasim, SEng.



After a long and rigorous competitive process, we have selected D8 Consultants Limited (D8CL), as our preferred design partner," said Sterling and Wilson Renewable Energy (S & W) Chairman, Khurshed Daruvala.

The D8CL engineering team creates innovative, all-encompassing, and long-lasting technical solutions for a world where people may prosper. With top-notch personnel, pro-active leadership, and a deep awareness of local nuances, D8CL can plan, create, manage, and engineer durable, significant solutions to very challenging issues.

Clients of D8CL Design benefit from close, long-term relationships with excellent delivery teams that are knowledgeable about the issues they encounter and supported by a team of experts, all thanks to the team. As a result, D8CL can provide every project with the most creative solutions possible in addition to the greatest levels of experience, technological know-how, and in-depth understanding of customs, norms, and laws.



ABOUT ONUSHANDHANI CREEDS LTD.

O.CREEDS aims to be a Centre of young Research & Design professionals on Open source Modeling and sustainable development research base in Bangladesh, where Environment has a significant impact. As a youth Centre of Excellence, O.CREEDS wants to build a sustainable experts network of different similar partner institutes, together servicing the Nation about Open source Modeling and Design with Engineering & Architecture activities increasing youth capacity in Bangladesh with all around the world.

MISSION

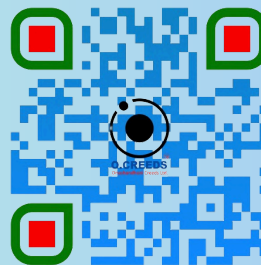
O.CREEDS aims to be a Centre of young Research & Design professionals on Water, Environment, and sustainable development research base in Bangladesh, where Environment has a significant impact. As a youth Centre of Excellence, O.CREEDS wants to build a sustainable experts network of different similar partner institutes, together with servicing the Nation about sustainable Design with Engineering & Architecture activities increasing youth capacity in Bangladesh with all around the world.

VISION

Looking at the future, we are highly confident that O.CREEDS has a strong background and the appropriate vision, as well as the flexibility that will allow it to continue its development and face the challenges of the new era. We are a homogeneous group of solution-centric Engineers and Architectures. Our energy is generally directed to problem-solving, optimization, and creativity.

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