

TECHNICAL ACTIVITY CARRIED OUT BY CENTRES / OVERSEAS CHAPTERS

Name of Centre / Overseas Chapter:		North Bengal Local Centre(IE)	
Title of Activity:		Observation of Energy Conservation Day-2018 on the theme “Recent Advances in Energy -Water - Food Nexus”	
Activity under Divisional Board (delete which are not applicable):		N/A	
Date:	14/12/2018	Venue:	Office of the Institution of Engineers(India), NBLC, Jalpaiguri Govt. Engineering College, Jalpaiguri-735102



Title of photo: **Er. Sandipan Ganguly** at his presentation



Title of photo: **Programme is going on.**



Title of photo: **Programme is going on.**



Title of photo: **Er. N.C. Sadhukhan**, member, NBLC(IE) presenting memento to **Er. Sandipan Ganguly**

Brief Report (not exceeding 4000 characters)

Energy Conservation Day, 2018 was observed by the Institution of Engineers (India), North Bengal Local Centre on **14th December, 2018 at 12.00 Noon at the office of the Institution of Engineers (India) , NBLC, within the premises of Jalpaiguri Govt. Engineering College, Jalpaiguri-735102 on the theme of “Recent Advances in Energy -Water - Food Nexus”**. Er. Sandipan Ganguly , Assistant Professor, Department of Civil Engineering , Jalpaiguri Govt. Engg. College , Jalpaiguri-735102 was the theme speaker of the day.

While giving the presentation the speaker Er. Sandipan Ganguly says that energy is required for extraction, production and treatment of water. Water is needed for production of energy. Water and energy are both required to produce food. This interdependency of these resources is called energy-water-food (EWF) nexus. Balanced utilization of these resources is required to resolve global issues of hunger, poverty, improving health and economical and physical sustainable development. And we have also discussed about three case studies on how rapid population increase, urbanization and climate change are effecting this EWF nexus.

Altogether 22 members were present in the programme. All the members present shared their views on the proposed theme of the day. Finally, Er. Santanu Das, Honorary Secretary, North Bengal Local Centre (IEI) proposed the vote of thanks.