

कार्यालय प्रमुख अभियन्ता एवं विभागाध्यक्ष
(प्रशिक्षण प्रकोष्ठ वर्ग)
लोक निर्माण विभाग उत्तराखण्ड, देहरादून।



Office of Engineer in Chief, PWD, Dehradun Uttarakhand

Website- www.pwd.uk.gov.in

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पत्रांक- 759 /183प्रशिक्षण/21

दिनांक- 05/09/2022

"कार्यालय ज्ञाप"

Uttarakhand Renewable Energy Development Agency (UREDA) के द्वारा दिनांक-5th September, 2022 को " Envelop optimization for ECBC & ENS Awareness " से सम्बन्धित One Day on-line training में प्रतिभाग करने हेतु लोक निर्माण विभाग से निम्न अभियन्ताओं को एतद्वारा नामित किया जाता है।

क्र० सं०	नाम	पदनाम	कार्यालय का नाम	ई-मेल	फोन नं०
1	श्री प्रमोद पाठक	अधीक्षण अभियन्ता (वि०/यॉ०)	5वां वि०/यॉ० वृत्त, लो०नि०वि० हल्द्वानी	Ppathak39@yahoo.com	9412085474
2	श्री पंकज बर्वाल	अधिशाली अभियन्ता (वि०/यॉ०)	वि०/यॉ० खण्ड, लो०नि०वि० गोपेश्वर	Pbartwal1988@gmail.com	7895057625
3	श्री गोविन्द कुमार	सहायक अभियन्ता (वि०/यॉ०)	वि०/यॉ० खण्ड, लो०नि०वि० पिथौरागढ़	Kmgovind485@gmail.com	9997233704

एन.ए.
(अशोक कुमार)
मुख्य अभियन्ता (अधिष्ठान)

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्य ही हेतु प्रेषित:-

- 1- प्रमुख अभियन्ता एवं विभागाध्यक्ष, लो०नि०वि०, देहरादून के संज्ञानार्थ।
- 2- श्री प्रमोद पाठक, अधीक्षण अभियन्ता, 5वां वि०/यॉ० वृत्त, लो०नि०वि० हल्द्वानी।
- 3- श्री पंकज बर्वाल, अधिशाली अभियन्ता, वि०/यॉ० खण्ड, लो०नि०वि० गोपेश्वर।
- 4- अधिशाली अभियन्ता, आई०टी० सेल, विभागाध्यक्ष कार्यालय, लो०नि०वि०, देहरादून को उक्त पत्र विभागीय वेबसाईट पर अपलोड किये जाने एवं सम्बन्धितों को ई-मेल किये जाने हेतु।
- 5- श्री गोविन्द कुमार, सहायक अभियन्ता, वि०/यॉ० खण्ड, लो०नि०वि०, पिथौरागढ़।
- 6- Neeraj Kr Garg, Chief Project Officer, Uttarakhand Renewable Energy Development Agency (UREDA), Urja Park Campus, Industrial Area, Patel Nagar Dehradun .

संलग्न:- (UREDA) का पत्र दिनांक-24.08.22 ।

मुख्य अभियन्ता (अधिष्ठान)
31/9/22



Uttarakhand Renewable Energy Development Agency (UREDA)

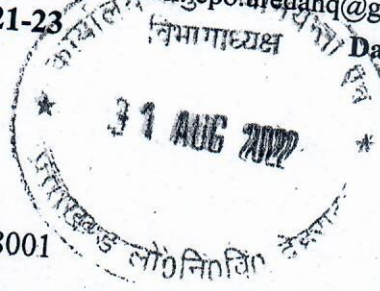
(Department of Renewable Source of Energy, Govt. of Uttarakhand)
Urja Park Campus, Industrial Area, Patel Nagar, Dehradun 248001

Ph: 0135-2521553, 2521387, Fax: 0135-2521386, E-mail: uredahq@gmail.com
No. 12/UREDA/EC/283/ECBC CELL/2021-23

Date: 24 Aug, 2022

To,

The Chief Engineer in Chief
Public Works Department
29, Yamuna Colony Road, Yamuna Colony
Khurbura Mohalla, Dehradun, Uttarakhand-248001



Subject: Invitation for a One day on-line training on Envelop optimization for ECBC & ENS on 5th of September, 2022.

Dear Sir,

Uttarakhand Renewable Energy Development Agency (UREDA) as per the clause 15(d) of the Energy Conservation Act 2001 has been designated as the State Designated Agency (SDA) to coordinate, regulate and enforce provisions of the Act within the State of Uttarakhand. Under section 14(p) of the Energy Conservation Act, 2001, Central Government has powers to prescribe ECBC norms for non-residential buildings. The state government has the flexibility to modify ECBC to suit local or regional needs. All the commercial buildings having conditioned area 500m² and above are liable to comply Uttarakhand Energy Conservation Building Code (ECBC).

The Energy Conservation Building Code (ECBC) set minimum energy performance standards for design and construction of commercial buildings. The adoption of ECBC will save around 30-40% of energy demand of the building that will not only save the monetary energy of the buildings but also reduce the electricity demand – supply gap of the state and carbon emission to the environment. For implementation of this, a fair knowledge on ECBC (Energy conservation building code) & ENS (Eco Niwas Samhita) and its compliance is required for concerned Government officials, Engineers, Architects, building design professionals etc.

To achieve the objective of capacity building amongst concerned Government officials and professionals, UREDA with the support of **Bureau of Energy Efficiency (BEE), Government of India**, is organizing series of capacity building programs for the concerned Government officials, practicing Engineers, Architects and building design professionals of the state. In view of above, UREDA is organizing a **One day on-line training on Envelop optimization for ECBC & ENS in Google Meet on 5th of September, 2022.**

You are kindly requested to participate in this webinar and also nominate 3 concerned officials from your department.

Further you are requested to provide the confirmation of the nominated official's to eeb.ureda@gmail.com by **3rd of September, 2022**. For any details regarding webinar feel free to contact Shri Rahul Kumar, Project Officer, EEB Cell UREDA (Contact no -9889697786)

Enclosed: Agenda & Nomination list

Yours Sincerely,
(Neeraj Kr Garg)
Chief Project Officer



SP-180

AGENDA

Energy Efficient Buildings Training Program

On

Envelope Optimization for ECBC & ENS

(5 th September 2022) : (12:00 – 04:00 PM)	
12:00 – 12:05 PM	Welcome of Master Trainer & SDA officials (EEB Cell)
12:05 – 12:10 PM	Inaugural Address (SDA Officials)
12:10 – 12:15 PM	Introduction of EEB Cell team & Master Trainer (EEB Cell)
12:15 – 12:30 PM	EEB Cell activities & Status in State/UT (EEB Cell)
12:30 – 12:40 PM	Interactive Session (EEB Cell)
12:40 – 01:50 PM	Technical Session-I: Introduction to Building Physics & ECBC/ENS, Energy Efficient Building Envelope: Wall, roof and fenestration, U value calculation, SHGC, VLT, daylight requirements (Master Trainer)
01:50 – 02:00 PM	Interactive Session (EEB Cell)
02:00 – 02:20 PM	Lunch Break
02:20 – 02:30 PM	Interactive Session (EEB Cell)
02:30 – 03:40 PM	Technical Session-II: ECBC/ENS requirements for Building Envelope, Energy Efficient materials & Case study with Cost Analysis (Master Trainer)
03:40 – 03:55 PM	Interactive Session, Q&A (EEB Cell)
03:55 – 04:00 PM	Thank you Note (EEB Cell)

***Note:** Certificates will be provided after successfully attending the complete session.

NOMINATION LIST

Sr. No.	Name	Designation	Contact No.	E- mail	Signature
1					
2					
3					