



दूरसंचार विभाग  
DEPARTMENT OF  
**TELECOMMUNICATIONS**



**National Telecommunications Institute**  
For Policy Research, Innovation and Training  
(NTIPRIT)

## Webinar on Green Buildings & Energy Efficiency (22.02.2023; Wednesday)

**Date:** 22<sup>nd</sup> February, 2023  
**Time:** 11:00 Hrs to 13:30 Hrs  
**Platform:** Microsoft Teams

For Registration- Scan QR Code

or

Click <https://tinyurl.com/GreenBldgEnergyEff>



*Once you register, Microsoft Team joining link for the webinar will be sent in your email*

### About the Webinar

Buildings have major environmental impacts over their entire life cycle. Resources such as ground cover, forests, water, and energy are depleted to give way to buildings. As per *UNEP*, a 30% improvement in global average building energy intensity is necessary by 2030 in order to meet ambition set forth in the Paris Agreement to limit global average temperature rise to 2°C or below. Various Green Building rating systems are in practice now a days to measure greenness of the building and their deployment results in improving the overall Energy Efficiency of the building. This webinar deliberates on green building concept, green building rating systems for energy efficiency, role of building automation for energy efficiency and methods for energy performance assessment in buildings.

### Webinar Agenda




S N	Session	Duration	Name of Topic and Presenter
1	Inaugural Session	11:00 -11:15 Hrs	<b>Welcome Address-</b> Sh Atul Sinha, DDG(ICT), NTIPRIT <b>Inaugural Address-</b> Sh Raju Sinha, Director General, NTIPRIT
2	Technical Session-I	11:15 -11:45 Hrs	<b>GRIHA Ratings for Green Buildings</b> <i>By Ms Shabnam Bassi , Deputy CEO-cum-Secretary &amp; Treasurer, Green Rating for Integrated Habitat Assessment (GRIHA) Council</i>
		11:45 -11:50 Hrs	Question & Answer for Technical Session -I
3	Technical Session-II	11:50 -12:20 Hrs	<b>Energy Efficiency in Buildings- BEE Star Ratings</b> <i>By Sh. Saurabh Diddi, Director, Bureau of Energy Efficiency (BEE)</i>
		12:20 -12:25 Hrs	Question & Answer for Technical Session -II
4	Technical Session-III	12:25 -13:00 Hrs	<b>Building Automation for Energy Efficiency</b> <i>By Sh Harmeek Singh , Director Sales operations for North &amp; Sh Sanjeev Kumar Sharma, Digital Building Sales Leader in the Digital Energy business, Schneider Electric</i>
		13:00 -13:05 Hrs	Question & Answer for Technical Session -III
5	Technical Session-IV	13:05 -13:25 Hrs	<b>Energy performance Assessment of Office Buildings</b> <i>By Dr C S Azad, Ph. D. ( Power Management), Certified Energy Auditor &amp; Green Building Professional</i>
		13:25 -13:30 Hrs	Question & Answer for Technical Session -IV
6	Closing Session	13:30 -13:35 Hrs	<b>Closing Session &amp; Vote of Thanks</b>

## Distinguished Dignitaries and Speakers of Webinar

	<p><b>Shri Raju Sinha</b>, is a senior Indian Telecom Service officer of 1985 batch and presently posted as Director General of NTIPRIT, DoT Government of India. He has worked in various capacities in both the state-owned Telecom PSUs i.e. MTNL and BSNL. He has vast experience of planning of Metro District Network, installation and maintenance. He had planned state of the art FTTH network and WiFi for Hon'ble MPs residences. He has also worked for Smart City project in association with NDMC.</p>
	<p><b>Shri Atul Sinha</b> is an officer of Indian Telecom Service of the Govt. of India and presently serving as DDG (ICT) in NTIPRIT. He has over 27 years of varied &amp; rich experience in handling almost all aspects of Telecom business/ operations including project management (I&amp;C), O &amp; M, planning/ engineering, TDM-IP migration, technical evaluation, vendor interaction &amp; selection, business case analysis, commercial negotiations &amp; so on. While working on deputation in Bihar State Electronics Development Corporation, he has turned the organization around to profit after it running into losses for 37 years since its inception.</p>
	<p><b>Ms Shabnam Bassi</b> is a Fellow and Associate Director with TERI. She is also handling GRIHA Council activities which administers the Green Rating for Integrated Habitat Assessment. Prior to joining TERI, she has worked with the United Nations Development Programme and has been engaged to implement strategies to overcome barriers related to energy efficiency in buildings sector in the country. She has worked in closed cooperation with the Central, State and Municipal bodies to facilitate ECBC integration, developed a framework to strengthen enforcement of ECBC Implementation and compliance. While working with Bureau of energy efficiency, she has been the key person in developing rules and regulation for ECBC implementation and demonstration projects for ECBC compliance.</p> <p>She has worked in close cooperation with various international agencies / experts in developing programmes related to enhancement of government policies for promoting energy efficiency in buildings. She was the lead person for scanning of the developments in the Indian construction sector, particularly those related with building energy/green building.</p>
	<p><b>Shri Saurabh Diddi</b> is working as Director in Bureau of Energy Efficiency. He is Mechanical Engineer with Masters in Business Administration in Finance. In Bureau of Energy Efficiency, he is in-charge of Energy Efficiency in Buildings and Transport Sector. Earlier, he was in-charge of Standard &amp; Labeling programme, Awareness, International Cooperation and also he was instrumental in development of Perform, Achieve and Trade (PAT) mechanism in Bureau. He is having fifteen years of professional experience combining intellectual and managerial experience in the field of energy efficiency, climate change, green growth and global carbon market.</p> <p>As Director in Bureau of Energy Efficiency, India, his primary responsibilities are to provide strategic, technical, and operational guidance for the Bureau's knowledge and policy program in the energy sector. He formulated and managed "National Mission for Enhanced Energy Efficiency (NMEEE)" under National Action Plan for Climate Change, India. The NMEEE plan targeted to unleash investment worth US\$12 billion on Energy Efficiency in India.</p>

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	<p><b>Shri Harmeek Singh</b> is currently working as a Director Sales operations for North at Schneider Electric and based at Gurgaon. He is an Electrical Engineer and a Management Professional. He is having three decades of exhaustive experience in Sales, Marketing, Business Development, Profit Centre Operations, Service Operations, Project Management &amp; CRM with profit accountability in Central, East and North India.</p>
	<p><b>Shri Sanjeev Kumar Sharma</b> is currently working as a Digital Building Sales Leader in the Digital Energy business at Schneider Electric. He is based out of Gurgaon and leads the entire national Sales team, both direct solution sales and channel partner. He holds an Electrical Engineering degree from Mumbai University. He has over 25 years of experience working with Schneider Electric in various profiles like offer marketing, Segment sales, Solution architect etc.</p>
	<p><b>Dr C S Azad</b> is B Tech, MBA (Operations) and has done Ph. D. (Power Management) from University of Petroleum and Energy Studies. He has three decades of experience in electrical service projects, energy audit, renewable energy, training &amp; project management. He is Ministry of Power certified Energy Auditor, certified solar installation Inspector and certified green building professional. He is Chief Editor of Energy Manager Journal. He is also Secretary of the Society of Energy Engineers and Energy Managers.</p>