

MBS SCHOOL OF PLANNING AND ARCHITECTURE

SECTOR-9, DWARKA, NEW DELHI

GGSIU University

REPORT ON WEBINAR

"Green Buildings - Green Rating for Integrated Habitat Assessment (GRIHA)"

Date: 9th June 2020

Faculty Person: Ar. Sahil Singh Kapoor, Assistant Professor, MBS School of Planning and Architecture, Dwarka, New Delhi

Time: 11:00 am – 1:00 pm

Venue: Online Webinar

An online Webinar on “Green Rating for Integrated Habitat Assessment (GRIHA) Rating System” had been organized for Architecture Students of all years, from first year till fifth year and faculty members of MBS School of Planning and Architecture on Tuesday, 9th June 2020 from 11:00 am to 1:00 pm.

Ar. Sahil Singh Kapoor, Assistant Professor at MBS School of Planning and Architecture, Dwarka, New Delhi conducted the Webinar session as an active member of WEBINAR - ACADEMICS & CO-CURRICULAR committee. He holds B.Arch., M. Tech (Urban Development and Management) from TERI University and Post-Graduate Diploma in Urban Environmental Management & Law (PGDUEML) from WWF India and National Law University, New Delhi.

The poster features a central illustration divided into two halves. The left half shows a grey, industrial landscape with smokestacks, factories, and bare trees. The right half shows a vibrant green landscape with modern buildings, solar panels, and lush vegetation. Text is arranged in colored boxes: a red box at the top, a pink box for the title, a light green box for the date and time, and a brown box for logos at the bottom.

FREE ONLINE WEBINAR
MBS School of Planning and Architecture
(Affiliated to Guru Gobind Singh Indraprastha University, Delhi
and approved by CoA & AICTE)

Green Buildings - Green Rating for Integrated Habitat Assessment (GRIHA)
by
Ar. Sahil Singh Kapoor, B.Arch., M. Tech. (TERI University, New Delhi)
Assistant Professor, MBS School of Planning and Architecture, New Delhi

June 9, 2020 (Tuesday)
11 am to 1 pm
(Include Live chat and Q & A Session) Register now

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SCHOOL OF PLANNING & ARCHITECTURE

Webinar Poster

Sahil Singh Kapoor is an experienced Architect, academician and Urban Practitioner with more than 6 years of diverse industry and research experience in Urban Planning, Sustainable Urban Transport, and Energy Efficient Built Environment. He has worked with several research institutes which includes School of Planning and Architecture (SPA), New Delhi, Council on Energy, Environment and Water (CEEW), New Delhi, and other reputed

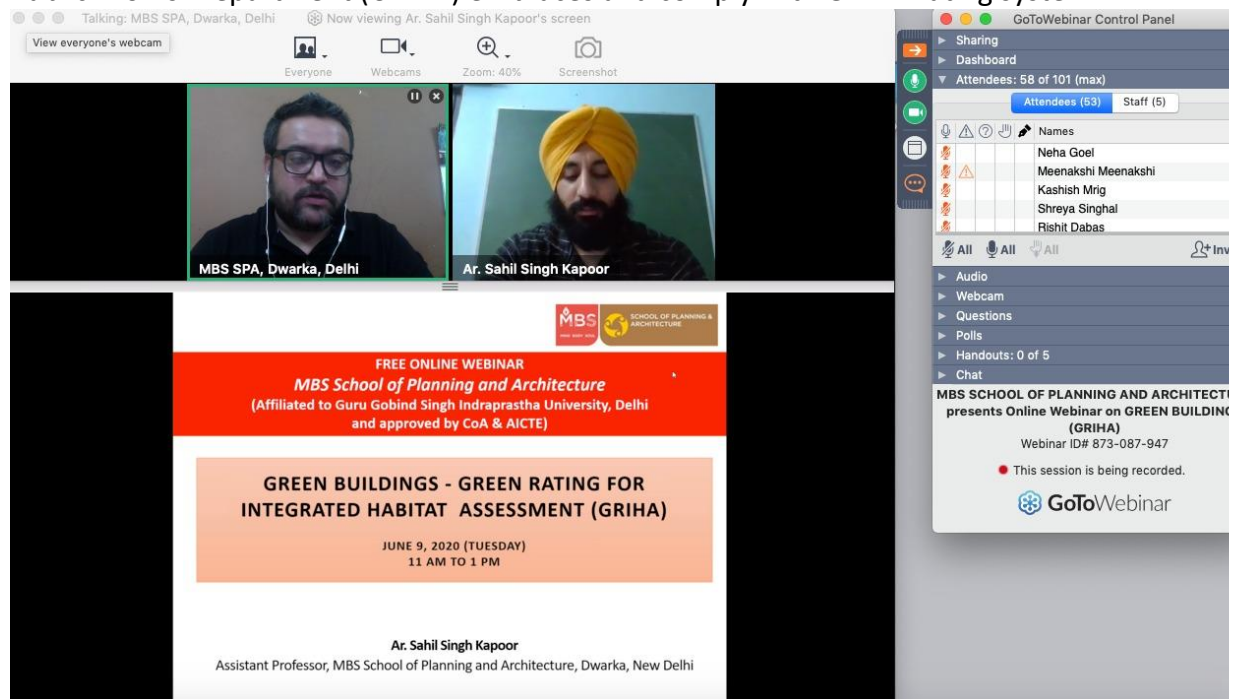
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Infrastructure consultancies Intercontinental Consultants and Technocrats Pvt. Ltd. (ICT), New Delhi on the Government of India national schemes for HRIDAY, Smart Cities and AMRUT. He has presented several research papers at National and International conferences, which are published in reputed journals like Taylor and Francis Group.

During his online lecture he started with an overview and objectives of GRIHA, its history and evolution since 2000 till present, understanding Green Buildings, various Indian Ministries like Ministry of New and Renewable Energy (MNRE), Ministry of Housing and Urban Affairs (MoHUA), Bureau of Energy Efficiency at the Ministry of Power and Central Public Works Department (CPWD) embraces and comply with GRIHA rating system.



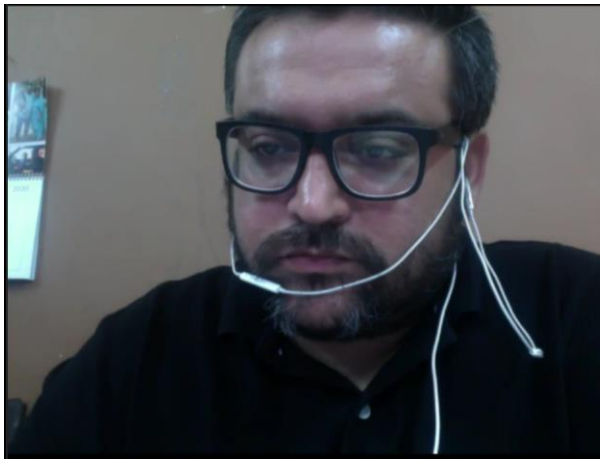
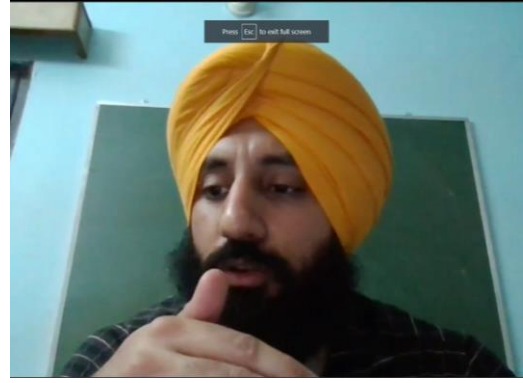
Screenshot of ongoing Webinar

A set of 34 criterion focusing on Site Planning, Building Design, Energy Efficiency, Water and waste management, Sustainable Building Materials and Occupant Health and comfort were discussed individually. Architecture students were explained in-detail how points are awarded for each criterion on a scale of 100, to qualify for GRIHA certification. Discussion about ADaRSH (Association for Development and Research of Sustainable Habitats) which is responsible to examine project documents and help building project clients to become eligible for GRIHA rating and render requisite assistance for registration. GRIHA procedure which includes Registration and evaluation process was explained along with an overview of Evaluation report which has to be submitted to an evaluation committee.

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Responding to Queries

Cases studies of 5-star GRIHA buildings including the HAREDA (Haryana Renewable Energy Development Agency), Panchkula; Suzlon One Earth, Pune and Centre for Environmental Science and Engineering (CESE) at IIT Kanpur were discussed.

Report Prepared by: *Ar. Sahil Singh Kapoor*, Assistant Professor, MBS School of Planning and Architecture, Dwarka, New Delhi.