



KKR&KSR Institute of Technology and Sciences Vinjanampadu, Guntur, Andhra Pradesh-522017

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WEBINAR 2K20 REPORT

EVENT: Webinar

DATE: 19th June, 2020,

TIME: 10.30 AM to 12:00 PM Morning, IST.

VENUE: Go to webinar (ONLINE)

TITLE: "WEBINAR ON GREEN BUILDINGS"

ORGANISED BY: Civil Engineering Department.

CONVENOR: J.V.Suresh Babu, Associate Professor.

CO-CONVENOR: K.V.R Karthikeyan, Asst Professor.

DETAILS OF RESOURCE PERSONS:

- Working as Green Building Engineer in ECO360 Holistic Sustainable Solutions from 1.5 years till date
- Projects done: - Green Rating of Chennai Metro Rail Limited (CMRL) Chennai (underground & Elevated) which attained IGBC Platinum rated from IGBC MRTS Rating system Hyderabad. CMRL L&T package U004 & U005.
- Ongoing project – IIT-Alumni building, Bengaluru.

4 years' experience in Teaching.

- Assistant Professor – currently working in VidyaVardhaka College of Engineering, Mysuru-570002.
- 2 years' experience as Assistant Professor in Atria Institute of Technology, Bengaluru-560024.
- 1year experience as Assistant Professor in City Engineering College, Bengaluru-560061.
- Subjects Handled – Sustainability Concepts in Engineering, Alternate Building Materials & Technology, Fluid Mechanics, Building Materials and Construction Technology, Solid waste management, Concrete Technology & Design concepts of Building Services.

KEY POINTS:

- What are green buildings.
- Why we need to build green buildings.
- How these green buildings are designed and built.
- Why green building is needed.
- How do green buildings help the environment.

KITS



FREE WEBINAR ON

SUSTAINABLE CONSTRUCTION & NET ZERO ENERGY BUILDINGS

SPEAKER

Organized by
Department of Civil Engineering
KKR & KSR Institute of Technology & Sciences(KITS)
Vinjanampadu, Guntur,A.P.



ABHILASH B.L.
GREEN BUILDING
ENGINEER

REGISTER THROUGH BELOW LINK:

www.kits/civil/registration.com

Coordinator :

Dr. M. Ravindra Krishna, Professor and HOD

Convenor: J .V.Suresh Babu Associate professor

Co-convenor: K.V.R.Karthikeyan Assistant professor

Participants Will be
Issued an
E-CERTIFICATE



19th June 2020



10:30 to 12:00

EVENT DESCRIPTION:

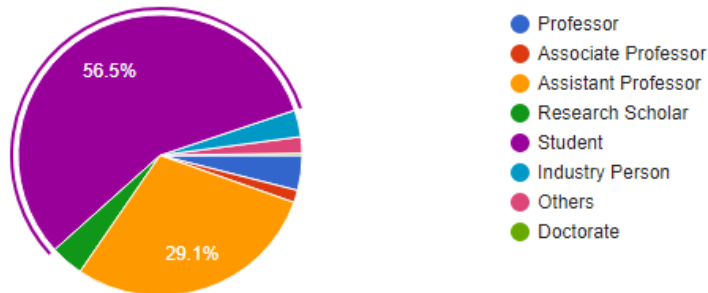
- A 'green' building is a building that, in its design, construction or operation, reduces or eliminates negative impacts, and can create positive impacts, on our climate and natural environment.
- **Green building** is the practice of creating structures and using processes that are environmentally responsible and resource-efficient throughout a **building's** life-cycle from siting to design, **construction**, operation, maintenance, renovation and deconstruction.
- **Green building** materials include wood from responsibly managed and certified forests, rapidly renewable plants like bamboo and straw, recycled stone or metal, and materials that are non-toxic and recyclable or that have been reclaimed from other construction projects.
- **Green buildings** positively affect public health. Improving indoor air quality can reduce absenteeism and work hours affected by asthma, respiratory allergies, depression and stress and self-reported improvements in productivity.



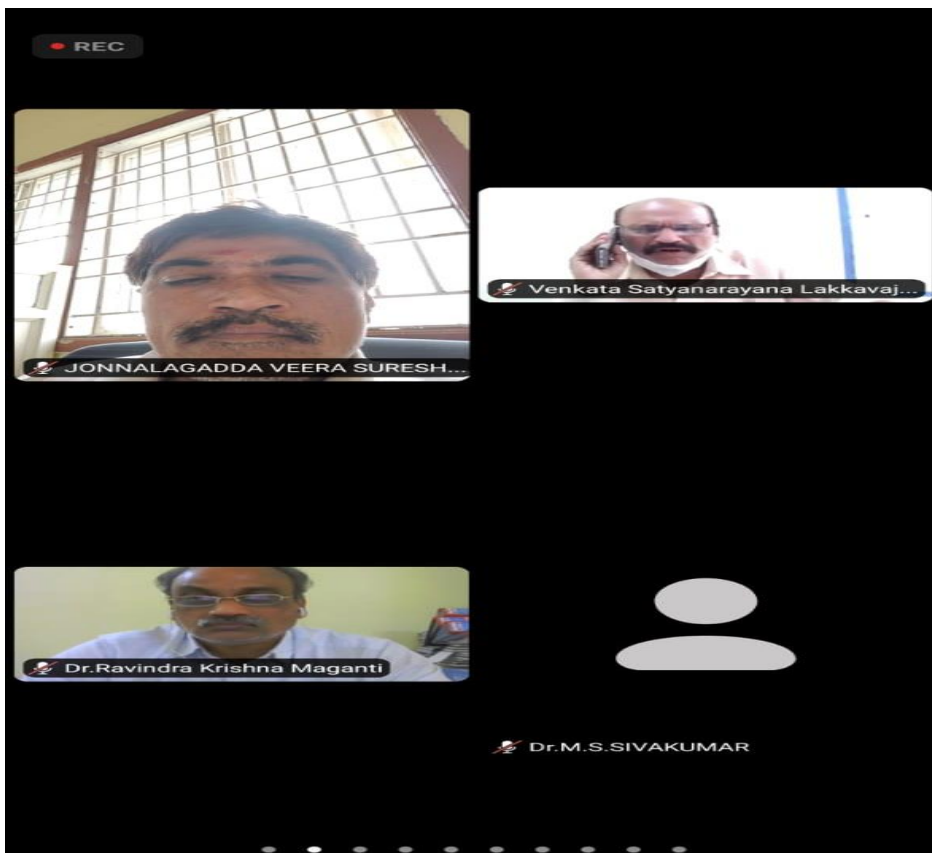
Number of responses: 477 responses.

Designation

423 responses



- Reducing water consumption and protecting water quality are key objectives in sustainable building. One critical issue of water consumption is that in many areas, the demands on the supplying aquifer exceed its ability to replenish itself. To the maximum extent feasible, facilities should increase their dependence on water that is collected, used, purified, and reused on-site.
- Building materials typically considered to be 'green' include lumber from forests that have been certified to a third-party forest standard, rapidly renewable plant materials like bamboo and straw, [dimension stone](#), recycled stone, recycled metal .
- No matter how sustainable a building may have been in its design and construction, it can only remain so if it is operated responsibly and maintained properly. Ensuring operations and maintenance(O&M) personnel are part of the project's planning and development process will help retain the green criteria designed at the onset of the project.



At the end of the session resource persons clarified the doubts questioned by the participants and vote of thanks was delivered by Kvr.Kartikeyan Asst professor.