

D. Y. Patil College of Engineering and Technology, KasabaBawada, Kolhapur
School of Architecture

Activity Report

IGBC AP (ASSOCIATE PROFESSIONAL) ONLINE CERTIFICATION COURSE

Name of activity	IGBC AP (Associate Professional) Online Certification Course
Course	-
Year	2023
Academic Year	2023-24
Date	(10:00 AM to 1:00 PM)
Category	Co-Curricular
Name of resource person/s	30 th June to 9 th July-2023
Faculty coordinator/s	Prof. Neela Jirge, Prof. Pooja Jirge, Prof. Gouri Mhetar
No. of beneficiaries	55 Students and 5 Faculty of D.Y. Patil College of Engineering & Technology (DYPCET), Kolhapur
Class & Division	Fifth Year Architecture & Fourth Year Civil Engineering
CO mapped	-
PO mapped	PO1, PO7, PO12
PO gap identified as per previous year	-
PSO mapped	PSO 1

Brief description of the activity -The IGBC AP Online Certification Course was conducted from 30th June to 9th July-2023, aimed exclusively at the students and faculty members of DYPCET. The program was designed as an intensive and structured learning experience to prepare participants for the IGBC AP (Associate Professional) Exam, a prestigious credential offered by the Indian Green Building Council. This certification empowers architecture, civil, and environmental engineering professionals with the knowledge and tools necessary to support green building practices.

Course Objectives

- To equip participants with a strong foundation in green building principles.
- To familiarize students and faculty with the official IGBC AP syllabus.
- To provide strategies and tips for exam preparation.
- To share study materials, worksheets, and mock question banks.
- To promote awareness of sustainable architecture and environmental design.

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Course Structure

The course was divided into modules aligned with the IGBC syllabus. Each session was conducted by accredited professionals & IGBC Faculty Trainers with hands-on knowledge of green buildings and certification procedures.

Date	Topic
30-May	Introduction to IGBC and AP Certification Overview
31-May	Green Building Concepts and Terminologies
1-June	IGBC Green Rating Systems
2-June	Site Selection & Planning Strategies
3-June	Water Efficiency & Energy Efficiency
5-June	Sustainable Materials and Resources
6-June	Indoor Environmental Quality
7-June	Innovation and Design Process
8-June	Exam Strategy, Practice Tips, Mock Tests
9-June	Final Q&A, Revision & Confidence Building

Resources Provided

- Lecture Slides & Notes for each unit
- IGBC AP Syllabus Handbook
- Worksheets based on units and mock tests
- Sample Questions & Practice Papers
- Preparation Guide & Study Plan

Outcomes

Upon successful completion of the course, participants:

- Gained in-depth knowledge of green building concepts and IGBC standards.
- Understood the importance of sustainable design and energy efficiency.
- Became familiar with real-time project applications related to IGBC criteria.
- Were able to confidently attempt the IGBC AP certification exam.
- Built awareness of environmental stewardship and professional ethics in design.

Feedback and Impact-

- Over 60 participants, including faculty and final-year students, enrolled.
- Participants appreciated the structured syllabus alignment and mock sessions.

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- Many expressed increased confidence in attempting the IGBC AP exam.
- Faculty members are planning to integrate green building concepts into regular studio projects and design subjects.

8. Conclusion

The IGBC AP Online Course was a valuable initiative that encouraged sustainable thinking among the academic community of DYPCET. It empowered participants to contribute effectively to India's green building movement and pursue certification as IGBC Accredited Professionals, furthering their academic and professional growth.

Photograph



Activity Coordinator
School of Architecture


 Head,
School of Architecture