



JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY
WAKNAGHAT, P.O. - WAKNAGHAT,
TEHSIL - KANDAGHAT, DISTRICT - SOLAN (H.P.)
PIN - 173234 (INDIA) Phone Number- +91-1792-257999
(Established by H.P. State Legislature vide Act No. 14 of 2002)

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Report on the Training of Master Trainers for Hazard Resistant Safe Construction Practices

Organized by: Civil Engineering Department, JUIT, Wagnaghat in collaboration with the District Disaster Management Authority (DDMA), Shimla

Phase 1: October 14–16, 2024

The Civil Engineering Department at JUIT Wagnaghat, in collaboration with DDMA Shimla, organized the *Training of Master Trainers for Hazard Resistant Safe Construction Practices*. This program aimed to equip Assistant Engineers (AEs) and Junior Engineers (JEs) with skills to build disaster-resilient structures, addressing the needs of disaster-prone regions like Himachal Pradesh. The first phase was conducted from October 14 to 16, 2024.

The training sought to create master trainers capable of disseminating knowledge to grassroots-level workers, particularly masons and construction personnel. It focused on disaster risk awareness, adherence to safety codes, practical construction techniques, and integrating traditional materials with modern methods.

The program commenced with an inaugural session attended by distinguished dignitaries, including **Prof. RK Sharma**, Vice-Chancellor of JUIT, who emphasized the importance of hazard-resistant construction and the participants' responsibility to train others. **Dr. Tanmay Gupta**, Program Coordinator, highlighted the vision of celebrating the International Day for Disaster Risk Reduction (IDRR) through this initiative. **Prof. Ashok Gupta**, Dean of Academics and Research, stressed the need for adherence to construction codes for safety, while **Prof. Ashish Kumar**, HOD Civil Engineering, welcomed the participants and thanked them for their commitment. A total of 26 AEs and JEs nominated by DDMA Shimla participated in the three-day event, which covered both theoretical concepts and hands-on training.

Key Highlights

The training featured expert lectures by renowned speakers, including Dr. Debduitta Ghosh from CBRI Roorkee, who spoke on heritage conservation, and Dr. Ajay Kumar from NIT Delhi, who addressed disaster risk mitigation. Prof. Naveen Kwatra from TIET Patiala shared insights on structural repair and retrofitting, while Prof. Ashok Kumar Gupta from JUIT discussed disaster risk reduction. Dr. Tanmay Gupta and Dr. Saurav from JUIT led sessions on earthquake-resistant construction and RCC ductile detailing, respectively, along with hands-on training. Practical sessions included earthquake-resistant masonry techniques, RCC ductile detailing for foundations, beams, and columns, and demonstrations of non-destructive testing methods and concrete mix design. These sessions were highly appreciated by participants for their practical relevance and applicability.



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The training equipped participants with in-depth knowledge and practical skills in disaster-resistant construction. JUIT students also benefited by assisting in hands-on sessions and interacting with experts. The trained engineers are expected to act as master trainers, spreading knowledge to masons and workers, thereby contributing to safer communities in disaster-prone areas.

This transformative program was made possible by the visionary leadership of **Mr. Anupam Kashyap**, Deputy Commissioner-cum-Chairman, DDMA Shimla. His dedication to disaster preparedness was instrumental in ensuring the program's success.

Phase 1 of the training was a resounding success, empowering participants with valuable skills and laying the foundation for safer construction practices in Himachal Pradesh. The Civil Engineering Department at JUIT remains committed to fostering resilient construction and disaster risk reduction.





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दैनिक सवेरा

अंधेरे से उजाले की ओर...

टाइम्स

जेयूआईटी में आपदा प्रतिरोधी सुरक्षित निर्माण प्रथाओं पर मास्टर ट्रेनर प्रशिक्षण शुरू



सवेरा न्यूज

नई दिल्ली, 15 अक्टूबर : सिविल इंजीनियरिंग विभाग जेयूआईटी द्वारा जिला आपदा प्रबंधन प्राधिकरण शिमला के सहयोग से आयोजित आपदा प्रतिरोधी सुरक्षित निर्माण प्रथाओं पर मास्टर ट्रेनर प्रशिक्षण का शुभारंभ आज जेपी यूनिवर्सिटी ऑफ इंफॉर्मेशन टेक्नोलॉजी (जेयूआईटी) वाकनाघाट में हुआ। इस कार्यक्रम का शुभारंभ कुलपति प्रो. आर.के. शर्मा द्वारा किया गया, जिन्होंने आपदा संभावित क्षेत्रों में आपदा प्रतिरोधी भवन निर्माण की महत्ता पर बल दिया। उन्होंने जोर दिया कि इस महत्वपूर्ण प्रशिक्षण को जमीनी स्तर तक पहुंचाना

हमारी प्राथमिकता होनी चाहिए। यह प्रशिक्षण उपायुक्त एवं अध्यक्ष, जिला आपदा प्रबंधन प्राधिकरण शिमला अनुपम कश्यप की दूरदर्शिता और आपदा तैयारी के प्रति उनकी प्रतिबद्धता के कारण संभव हुआ है। इस पहल को शुरू करने में उनके योगदान और नेतृत्व के लिए विशेष धन्यवाद दिया गया। कार्यक्रम की शुरुआत सिविल इंजीनियरिंग विभाग के सहायक प्रोफेसर एवं समन्वयक डॉ. तन्मय गुप्ता के संबोधन से हुई, जिन्होंने अंतर्राष्ट्रीय आपदा जोखिम न्यूनीकरण दिवस पर प्रशिक्षण के महत्व और इसमें शामिल सैद्धांतिक एवं व्यावहारिक पहलुओं को रेखांकित किया।

Training of Master Trainers for Hazard Resistant Construction Practices Begins at JUIT



A view of training session.

EARLY TIMES REPORT

JAMMU, Oct 15: A specialized training program for Master Trainers on Hazard Resistant Safe Construction Practices commenced today at the Jaypee University of Information Technology (JUIT), Wagnaghat. Organized by the Civil Engineering Department of JUIT in collaboration with the District Disaster Management Authority (DDMA), Shimla, the program is aimed at promoting disaster-resilient construction techniques.

Vice Chancellor Prof. RK Sharma inaugurated the event, emphasizing the importance of constructing hazard-resistant buildings in disaster-prone regions. He highlighted the need to

extend this crucial training to professionals at the grassroots level to ensure widespread adoption of safe construction practices.

The training program was initiated under the leadership of Deputy Commissioner-cum-Chairman of DDMA Shimla, Anupam Kashyap, whose dedication to enhancing disaster preparedness was pivotal in launching this initiative.

Dr. Tanmay Gupta, Assistant Professor in the Civil Engineering Department and coordinator of the event, addressed the participants, linking the program to the celebration of International Day for Disaster Risk Reduction (IDRR). He explained the program's blend of practical and theoretical components, which

aim to equip engineers with essential skills for safer construction.

Dean of Academics and Research, Prof. Ashok Gupta, stressed the importance of adhering to building codes and regulations to ensure the safety and resilience of structures. Prof. Ashish Kumar, Head of the Civil Engineering Department, expressed his gratitude to the participants and extended his best wishes for a successful three-day training.

The event saw the participation of 26 Assistant Engineers (AE) and Junior Engineers (JE) from Shimla District. These participants will become master trainers, passing on vital knowledge about safe construction practices to ensure disaster preparedness at the grassroots level. The training will run until October 16, focusing on heritage preservation and codal provisions for disaster-resilient

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