



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)



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

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

Date: January 22–24, 2025

Venue: Jaypee University of Information Technology, Wagnaghat

Total Nominations: 38

Total Participants Attended: 34

Introduction

The *Training of Master Trainers for Hazard-Resistant Construction Practices*, jointly organized by the Civil Engineering Department, JUIT Wagnaghat, and DDMA Solan, was successfully conducted from January 22 to 24, 2025. The program aimed to equip junior engineers and technical assistants with practical knowledge of disaster-resistant construction techniques. Out of 38 nominated engineers, 34 actively participated.

We extend our gratitude to **Shri Manmohan Sharma**, Deputy Commissioner cum Chairman DDMA Solan, for his unwavering support, and to **Prof. R.K. Sharma**, Vice Chancellor of JUIT, for inspiring this initiative. The training emphasized hands-on learning, ensuring participants not only understood theoretical concepts but also gained practical experience.

In his opening remarks, **Dr. Tanmay Gupta**, Program Coordinator, highlighted the importance of disaster-resistant construction and the need to empower master trainers to disseminate knowledge to grassroots workers. He emphasized, “This program is a critical step toward building resilience in disaster-prone regions, where the quality of construction can save countless lives.” Dr. Gupta initiated the training with a session on earthquake-resistant building design, followed by hands-on material testing demonstrations supported by **Dr. Saurav**.

Brigadier R.K. Sharma, Registrar and Dean of Students, reiterated JUIT’s commitment to fostering disaster-resilient infrastructure and applauded the collaboration with DDMA Solan. He stressed the long-term benefits of such skill-development programs.

Key Takeaways

Participants gained practical exposure to earthquake-resistant construction methods, including ductile detailing, confined brick masonry, and RCC frame design. Hands-on sessions helped them understand real-world challenges and material testing methodologies. Discussions on heritage structure conservation highlighted the importance of disaster resilience in preserving traditional buildings. The training provided a strong foundation for knowledge dissemination, enabling participants to train local masons and workers effectively. Participants acknowledged that disaster

risk often stems from human negligence, reinforcing the importance of proper site selection, material quality, and adherence to engineering codes.

Feedback & Conclusion

The program received overwhelmingly positive feedback. Participants appreciated the practical approach, expert guidance, and real-life case studies. Many expressed that the training enhanced their ability to guide construction workers at the grassroots level, improving hazard-resistant construction quality in disaster-prone areas.

During the valedictory session, **Prof. Ashok Kumar Gupta** emphasized that disasters are increasingly man-made due to avoidable construction errors. He urged participants to prioritize site selection and high-quality materials in future projects. **Prof. Ashish Kumar**, HOD Civil Engineering, thanked DDMA Solan, the District Administration, and all attendees for their active participation, reaffirming JUIT's commitment to promoting safer construction practices.

This successful collaboration between JUIT Waknaghat and DDMA Solan has set a benchmark for future initiatives aimed at strengthening disaster resilience at the grassroots level.

सामुदायिक सशक्तिकरण: जेयूआईटी और डीडीएमए सोलन ने आपदा-प्रतिरोधी निर्माण पर मास्टर ट्रेनर्स कार्यक्रम का शुभारंभ किया

सोला। जिला इंजीनियरिंग विभाग, जेयूआईटी, वाकनाघाट ने डीडीएमए सोलन के सहयोग से 22 से 24 जनवरी, 2025 तक आपदा-प्रतिरोधी निर्माण के लिए मास्टर ट्रेनर्स प्रशिक्षण कार्यक्रम का आयोजन किया। इस कार्यक्रम का उद्देश्य जमीनी स्तर पर मास्टर ट्रेनर्स को प्रशिक्षित करना है, जो भविष्य में राजस्वविभागीय और अन्य अधिकारियों को सुरक्षित और आपदा-प्रतिरोधी निर्माण तकनीकों के लिए प्रशिक्षण देंगे। इस कार्यक्रम में 30 सहभागीक प्रशासक हुए, जिसमें जूजियर इंजीनियरिंग (जेई) और तकनीकी सहयोग शामिल थे। कार्यक्रम का उद्देश्य ही संपन्न हुआ है कि जेयूआईटी के मास्टर ट्रेनर्स को आपदा-प्रतिरोधी निर्माण के महत्व पर प्रकाश डाले और कहा कि यह प्रशिक्षण जमीनी स्तर पर आवश्यक है। उन्होंने बताया कि मास्टर ट्रेनर्स इस भविष्य में स्थानीय स्तर पर निर्माण अधिकारियों को प्रशिक्षित किया जाएगा, जिससे सुरक्षित निर्माण सुनिश्चित किया जा सके। कार्यक्रम और इस कार्यक्रम अतिथिगत विभागीय अवर के। हमें जेयूआईटी को इस तरह की ट्रेनिंग में प्रतिक्रिया पर और दिया। उन्होंने बताया कि इस प्रकार की पहलियाँ आपदा प्रबंधन को लेकर जेयूआईटी को सक्रिय भूमिका का प्रतीक है। डीडीएमए सोलन के सहयोग से, जेयूआईटी के मास्टर ट्रेनर्स को प्रशिक्षित करने के माध्यम से आपदा-प्रतिरोधी निर्माण को बढ़ावा देने के लिए जेयूआईटी को प्रोत्साहित किया गया है।



Annexure-A

Sr. No.	Name	Designation	Qualification	Official Address	Mobile No.
1.	Sh. Rajesh Arora	Junior Engineer	Diploma in Civil Engineer	BDO Office Solan	9418078958
2.	Sh. Naresh Sharma	-Do-	Diploma in Civil Engineer	-Do-	8219758177
3.	Sh. Ramesh Dutt Sharma	-Do-	Diploma in Civil Engineer	BDO Office Kandaghat	9816064805
4.	Sh. Manoj Pundir	-Do-	Diploma in Civil Engineer	BDO Office Patta	9816340336
5.	Sh. Naresh Verma	-Do-	Diploma in Civil Engineer	-Do-	9418075454
6.	Sh. Desh Raj Verma	-Do-	Diploma in Civil Engineer	BDO Office Dharampur	9418372297
7.	Sh. Manoj Kumar	Design Engineer	B.Tech(Civil)	-Do-	9816665551
8.	Sh. Kamlesh Kumar	Junior Engineer	B.E.civil Engineer	BDO Office Kunihar	8219658030
9.	Sh. Rakesh Kaushal	-Do-	B.Tech(Civil)	-Do-	8219705025
10.	Smt. Mamta Devi	Technical Assistant	Diploma D/Man Civil	Zila Parishad Office	98053-67125
11.	Smt. Manju	-Do-	Diploma in D/Man	BDO Office Solan	88946-75641
12.	Sh. Devinder Kumar	-Do-	Diploma in D/Man	-Do-	98162-67443
13.	Sh. Giridhar	-Do-	Diploma in D/Man	-Do-	98168-97196
14.	Sh. Rajesh Kumar	-Do-	Diploma in D/Man	-Do-	98576-20130
15.	Sh. Prem Chand	-Do-	Diploma in D/Man	-Do-	82193&40450
16.	Smt Neelam	-Do-	Diploma in D/Man/Civil Engineer	-Do-	94181-48882
17.	Deepakumkar Sharma	-Do-	B.Tech(Civil)	-Do-	98576-20130
18.	Sh. Kuldeep Singh	-Do-	Diploma in D/Man Civil	BDO Office Kunihar	8580740648
19.	Sh. Sanjeev Kumar	-Do-	Diploma in D/Man Civil	-Do-	7018528478
20.	Sh. Madan Lal	-Do-	Diploma in D/Man Civil	-Do-	8580553809
21.	Sh. Kram Chand	-Do-	Diploma in D/Man Civil	-Do-	9805128126

22.	Sh. Balbir Singh	-Do-	Diploma in Surveyor civil	-Do-	9816351178
23.	Sh. Yashpal	-Do-	Diploma in D/Man Civil	-Do-	9805840321
24.	Sh. Hitender Kumar	-Do-	Diploma in Civil Engineer	-Do-	9817709870
25.	Sh. Dev Raj(M)	-Do-	Diploma in D/Man Civil	-Do-	9418632246
26.	Sh. Dev raj (S)	-Do-	Surveyor Civil	-Do-	9459793855
27.	Sh. Ramesh chand	-Do-	Diploma in D/Man Civil	-Do-	9459029722
28.	Sh. Rakesh Kumar	-Do-	Surveyor/Amic E(1) Degree in civil Engineering	BDO Office Dharampur	9418467969
29.	Sh. Daya Nand	-Do-	Diploma in civil Engineer	-Do-	9418269393
30.	Smt. Sanju Devi	-Do-	Draughtsman civil	-Do-	9459916748
31.	Sh. Kamal Kishor	-Do-	Draughtsman civil	-Do-	9816129462
32.	Sh. Marshal	-Do-	Draughtsman civil	-Do-	9857284996
33.	Sh. Upender	-Do-	Draughtsman civil	-Do-	7018108572
34.	Sh. Vikram	-Do-	Draughtsman civil	-Do-	9459871966
35.	Shivani	-Do-	Draughtsman civil	-Do-	8894507348
36.	Sh. Devender Singh	-Do-	Draughtsman civil	-Do-	9418356917
37.	Sh. Vijay Kumar	-Do-	Draughtsman civil	-Do-	9418196963
38.	Sh Beer Singh	-Do-	Draftsman	-Do-	8219633278



Training of Master Trainers for Hazard Resistant Safe Construction Practices

in collaboration with

District Disaster Management Authority, Solan

22nd - 24th January 2025

Organized by

Civil Engineering Department

Jaypee University of Information Technology, Waknaghat (H.P)

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