

Report on the International Conference on Civil, Materials, and Environment for Sustainability (ICCMES 2024)

The International Conference on Civil, Materials, and Environment for Sustainability (ICCMES 2024), hosted by the Department of Civil Engineering at Jaypee University of Information Technology, Wagnaghat, Solan, H.P, successfully took place from 4th and 5th Oct, 2024. The conference served as a premier platform for global researchers, academics, and industry experts to share their knowledge and ideas on sustainable solutions in civil engineering, materials science, and environmental management.

Key Highlights:

Theme:

The theme of ICCMES 2024, “Innovation and Collaboration for a Sustainable Future,” focused on addressing the most pressing challenges in sustainability through cutting-edge research and collaborative efforts. The conference emphasized the need for sustainable construction practices, eco-friendly materials, and resilient infrastructure to meet the demands of a rapidly changing world.

Inauguration Ceremony:

The conference commenced with an Inauguration Ceremony, attended by prominent dignitaries, keynote speakers, and participants from around the globe. Dr. Saurav Conference Chair delivered the opening remarks, highlighting the importance of sustainability in modern infrastructure development. This was followed by a welcome address from Shri Manu Bhaskar Gaur ji, the Chief Executive Officer of JUIT, emphasizing the role of academia and research in driving global sustainability initiatives. Prof. Dr. Ashsih Kumar Head of the Civil Engineering Department Concluded by highlighting the importance of sustainability in modern infrastructure development.

Keynote Speakers:

ICCMES 2024 featured renowned keynote speakers who shared their insights on emerging trends and future challenges in civil engineering and environmental sustainability. Esteemed experts delivered thought-provoking presentations, addressing topics such as smart cities, green construction technologies, climate-resilient infrastructure, and sustainable materials. Some notable keynote speakers included:

1. Dr. Sushil Kumar Himanshu Delivered Lecture on “Modern Technologies for Smart and Sustainable Irrigation Management”
2. Dr. Rohit Tiwari Delivered Lecture on “Physical Model Testings in Geotechnical Earthquake Engineering”.
3. Dr. Harinarayan Tiwari Delivered Lecture on “Risk-Informed Dam Safety Management”

Paper Presentations:

A significant highlight of the conference was the paper presentation sessions, where researchers and scholars presented their work. With over 140 papers submitted from different countries, the sessions offered diverse perspectives on sustainable materials, advanced construction techniques, environmental protection, and resource management. These presentations fostered meaningful discussions and exchanges between participants, leading to potential future collaborations.

Book of Abstracts:

The Book of Abstracts was released during the event, compiling the innovative research and ideas presented at the conference. This compilation reflects the depth and diversity of topics discussed, offering valuable insights into the latest advancements in civil engineering, materials science, and environmental sustainability.

Technical Sessions:

The technical sessions were chaired by experienced faculty members from the Department of Civil Engineering, ensuring smooth conduction and engagement during the paper presentations. Their role in moderating the sessions and guiding discussions was key to maintaining the quality and professionalism of the event.

Hybrid Mode:

In response to the global circumstances, ICCMES 2024 was held in hybrid mode, allowing participants to join both online and offline. This enabled a wider reach, with participants attending from different parts of the world, engaging in live discussions, and viewing presentations through the online platform.

Conclusion:

ICCMES 2024 concluded with a closing ceremony, where the organizing committee expressed their appreciation to all the speakers, participants, sponsors, and volunteers who made the event a success. The conference highlighted the critical role of civil engineering and environmental sustainability in addressing global challenges, and it fostered new partnerships for future research and innovation.

Acknowledgments:

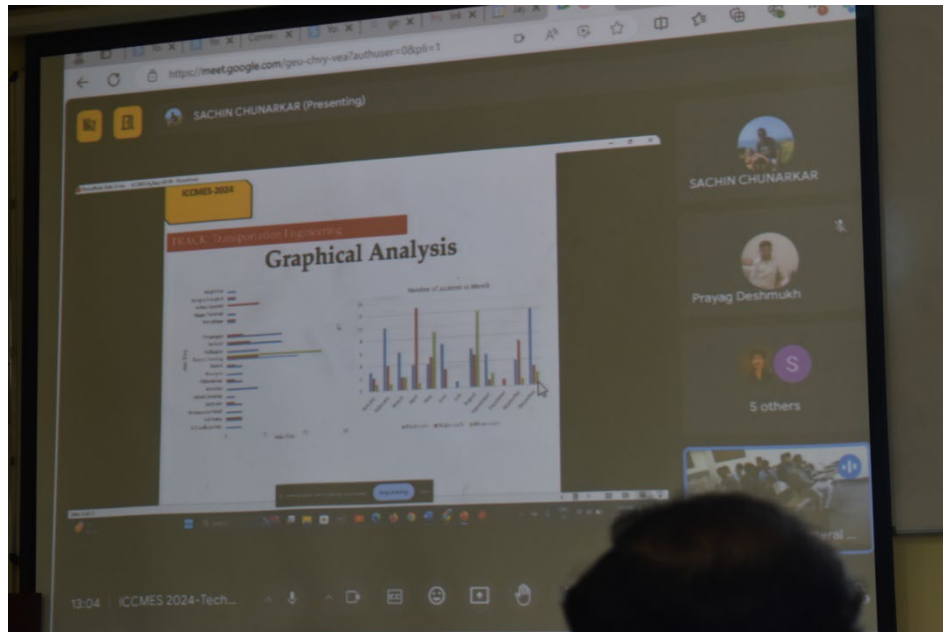
We extend our gratitude to our sponsors, faculty members, and the technical committee for their invaluable contributions. Their support and dedication were instrumental in the success of ICCMES 2024. Special thanks to the organizing committee for their meticulous planning and execution of the event.

Glimpses of The Event





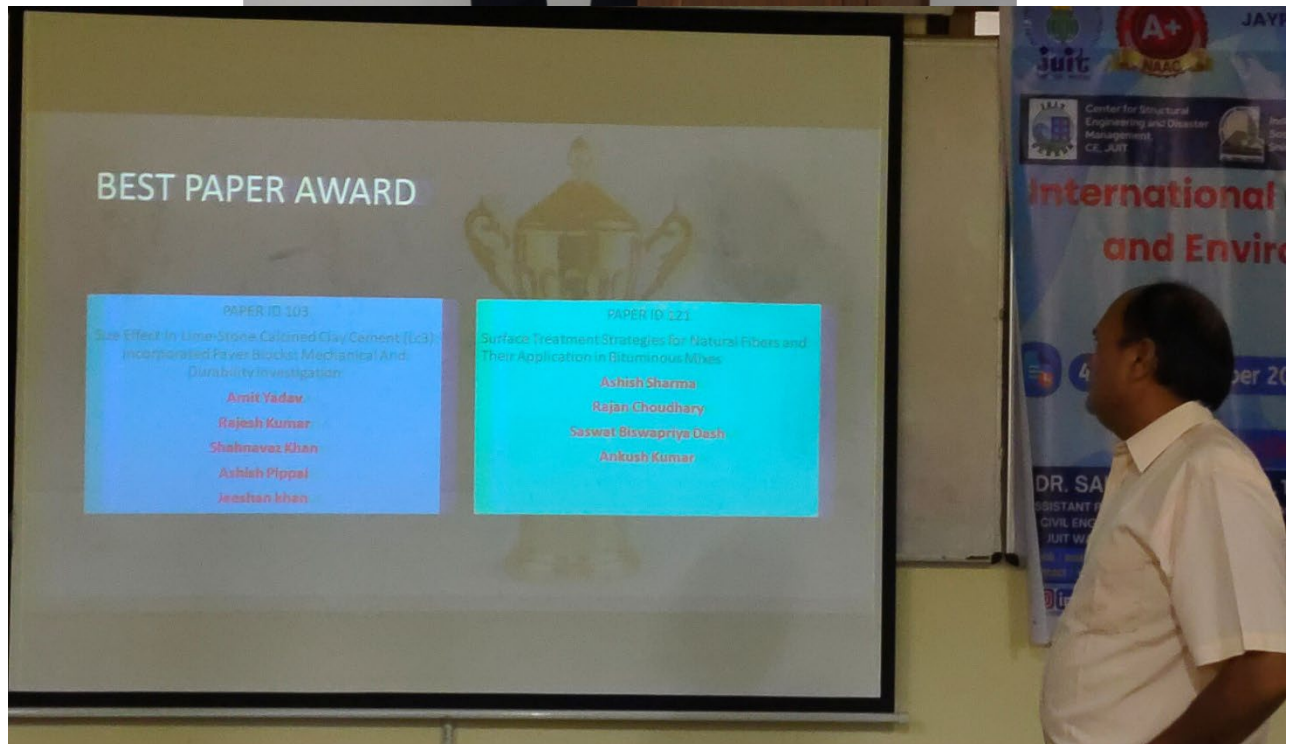














लुधियाना भास्कर 08-10-2024

ICCMES-2024 का सफलतापूर्वक उद्घाटन



नई दिल्ली | “अंतर्राष्ट्रीय सम्मेलन ICCMES-2024 (इंटरनेशनल कॉन्फ्रेंस ऑन सिविल, मटेरियल्स, और एनवायरमेंटल सस्टेनेबिलिटी) का बहुप्रतीक्षित उद्घाटन 4 अक्टूबर 2024 को जेपी यूनिवर्सिटी ऑफ इंफॉर्मेशन टेक्नोलॉजी, वाकनघाट, सोलन, हिमाचल प्रदेश में सफलतापूर्वक संपन्न हुआ। यह प्रतिष्ठित आयोजन सिविल इंजीनियरिंग, मटेरियल साइंस और पर्यावरणीय स्थिरता के क्षेत्रों में वैश्विक विशेषज्ञों को एक साथ लाकर, शोधकर्ताओं, वैज्ञानिकों और उद्योग के पेशेवरों के लिए एक महत्वपूर्ण मंच साबित हो रहा है। इस सम्मेलन का आयोजन जेयूआईटी के सिविल इंजीनियरिंग विभाग द्वारा किया गया है।

इंटरनेशनल कॉन्फ्रेंस में सस्टेनेबिलिटी पर हुई चर्चा



● बुक ऑफ एब्स्ट्रेक्ट्स की हुई लॉन्चिंग.

एक्सपर्ट्स, रिसर्चर्स और इंडस्ट्री प्रोफेशनल्स हुए शामिल

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DEHRADUN (5 Oct): जेपी यूनिवर्सिटी ऑफ इंफॉर्मेशन टेक्नोलॉजी (जेयूआईटी), सोलन में आईसीसीएमईएस -2024 (इंटरनेशनल कॉन्फ्रेंस ऑन सिविल, मेटेरियल्स और एन्वायरमेंटल सस्टेनेबिलिटी) का उद्घाटन हुआ. इस कॉन्फ्रेंस में दुनिया भर के एक्सपर्ट्स, रिसर्चर्स और इंडस्ट्री प्रोफेशनल्स शामिल हुए, जिन्होंने सिविल इंजीनियरिंग, मेटेरियल साइंस और पर्यावरण की सस्टेनेबिलिटी पर मंचन किया.

सस्टेनेबिलिटी पर चर्चा

ड्रॉेंट जेयूआईटी के सिविल इंजीनियरिंग डिपार्टमेंट ने ऑगिनाइज किया और इसकी शुरुआत प्रोफेसर डॉ. सीरज की स्पीच से हुई. इस साल का थीम सस्टेनेबिलिटी है, जिसमें रिसर्चर्स और प्रोफेशनल्स ने अपने-अपने विचार रखे. इस कॉन्फ्रेंस को हाइब्रिड मोड में रखा गया है. चीफ गेस्ट मनु भाम्बर गौर, जो जेयूआईटी के सीईओ हैं,

उन्होंने अपनी स्पीच में सस्टेनेबिलिटी की जरूरत और इसकी अहमियत के बारे में बताया. उन्होंने कहा कि कैसे आज के दौर में इंजीनियरिंग और विकास में सस्टेनेबिलिटी को ध्यान में रखना बहुत जरूरी है. उन्होंने कहा कि रिसर्च और इनोवेशन ही वो रास्ते हैं जो पर्यावरण की चुनौतियों से निपटने में हमारी मदद करेंगे.

बुक ऑफ एब्स्ट्रेक्ट्स लॉन्च

इस मौके पर बुक ऑफ एब्स्ट्रेक्ट्स को भी लॉन्च किया गया, जिसमें इस कॉन्फ्रेंस में पेश किए गए सारे रिसर्च वर्क्स का कंपाइलेशन है. ये बुक सिविल इंजीनियरिंग, मेटेरियल साइंस और एन्वायरमेंटल सस्टेनेबिलिटी के नए रिसर्च को दिखाती है और इस फोल्ड में हो रहे ग्लोबल इनोवेशन को सामने लाती है. सिविल इंजीनियरिंग डिपार्टमेंट के हेड, डॉ. आशीष कुमार ने सभी को धन्यवाद देते हुए कहा कि इस कॉन्फ्रेंस का माकसद है कि जो रिसर्च यहां पेश किए जा रहे हैं, वो दुनिया भर तक पहुंचें. कॉन्फ्रेंस के को-चेयर डॉ. तनय गुप्ता ने भी सभी स्पीकर्स, रिसर्चर्स, स्पॉन्सर और पब्लिशर्स की धन्यवाद दिया और उनकी मेहनत को सराहा, जिसकी वजह से ये कॉन्फ्रेंस इतनी सानदार तरीके से हो पाया.

Successful inauguration of international conference held

EARLY TIMES REPORT

JAMMU, Oct 5: The highly anticipated International Conference on Civil, Materials, and Environmental Sustainability (ICCMES-2024) was successfully inaugurated today on 4th Oct 2024 at Jaypee University of Information Technology, Wanknaghat, Solan, H.P. This prestigious event, bringing together global experts in the fields of civil engineering, materials science, and environmental sustainability, promises to be a landmark gathering for researchers, scientists, and industry professionals. The event was organized by Department of Civil Engineering, JUIT.

The conference commenced with an inaugural address by Dr. Saurav, Conference Chair and Assistant Professor in the Civil Engineering Department. Organized in a hybrid mode, the event brought together researchers, academicians, and industry professionals to discuss the crucial theme of sustainability. The Chief Guest, Manu Bhaskar Gaur, CEO of JUIT, shared his valuable industry insights on the importance of sustainability, emphasizing its relevance in today's global context. In his keynote address, he shared his extensive industry experience, highlighting the growing importance of sustainability in engineering and development.

He also underscored the critical role that innovation and research play in addressing environmen-



Dignitaries pose for group photograph.

tal challenges. Prof. Dr. Ashish Kumar, Head of the Civil Engineering Department, expressed sincere gratitude to all partners, with special recognition for the publishers.

He highlighted their crucial role in ensuring that the research presented in this conference reaches a global audience. He emphasized that knowledge dissemination is fundamental to academic progress, and their unwavering support in upholding the highest publication standards is deeply appreciated. Dr. Tanmay Gupta, Conference Co-Chair, delivered the Vote of Thanks, expressing his deep gratitude to all who contributed to the success of the event. He extended heartfelt appreciation to the esteemed speakers and reviewers for their dedication and hard work in making the conference a success.

Dr. Gupta also acknowledged the invaluable support from sponsors, partners, and especially the publishers for their role in

ensuring the research presented at the conference would reach a wider audience. With numerous collaborations in the works and groundbreaking research to be unveiled, the ICCMES promises to leave a lasting impact on the field of Civil, materials and Environment for sustainability. At the inauguration of ICCMES-2024, the official Book of Abstracts was unveiled, serving as a major highlight of the event. This publication compiles research contributions from participants worldwide, showcasing groundbreaking studies in civil engineering, materials science, and environmental sustainability. It reflects the innovative work being presented and underscores the global scope of collaboration in addressing critical challenges in these fields. The event will continue until 5th Oct, 2024 and participants are eagerly anticipating the productive discussions and developments that will emerge from this landmark gathering.