



**1ST INTERNATIONAL CONFERENCE ON  
NEW TRENDS IN  
CIVIL ENGINEERING**  
University of Central Punjab-NESPAK

**Conference Schedule**

**Conference Day One 20-Mar-2023**

**# A World of New Ideas**

8:30 AM – 9:45 AM Registration and Reception

**Inaugural Session (Venue: Auditorium Hall)**

10:00 – 10:05	Recitation of the Holy Quran and National Anthem
10:05 – 10:15	Welcome Address by Conference Chairman: Prof. Dr. Muhammad Rizwan Shad
10:15 – 10:20	Address by Conference Co-Chairman: Engr. Sohail Kibria
10:20 – 10:25	Address by Conference Vice-Chairman: Prof. Dr. Kafeel Ahmad
10:25 – 10:40	Inaugural Address by Chief Guest: Dr. Tahir Masood, MD NESPAK
10:40 – 10:55	Keynote Speaker: Dr. Sana Amir, University of Wollongong
10:55 – 11:05	Address by Pro-Rector UCP: Prof. Dr. Nassar Ikram, HI(M) SI(M)
11:05 – 11:15	Distribution of Shields
11:15 – 11:45	<b>Tea Break and Group Photo</b>

**Technical Session 1 (Venue: Auditorium Hall)**

Session Chair:	Prof. Dr. Zahid Ahmad Siddiqi	Session Co-chair:	Dr. M. Awais Shafique
11:45 – 12:05	Keynote Speaker: Dr. Sergi Saurí Marchán, Director CENIT, Spain		
12:05 – 12:20	Paper Presentation: <i>“Cracks in structures due to Geotechnical reasons identification, causes and mitigation”</i> by Engr. Sohail Kibria		
12:20 – 12:35	Paper Presentation: <i>“Development, Investigation, and upscaling of Construction Composites incorporating Cement Replacement Material”</i> by Dr. Irfan ul Hassan.		
12:35 – 12:50	Industrial Field Talk: <i>“Di Amer-Bhasha Dam: Game Changer for Pakistan”</i> by Dr. Tahir Hayat		
12:50 – 01:05	Paper Presentation: <i>“Development of One-Part and Two-Part slag based Geopolymer Brick”</i> by Dr. Khurram Rashid		



- 12:15 – 12:30 Paper Presentation: *“Evaluation of mechanical behavior of concrete with partial replacement of coarse aggregate by recycled coarse aggregate with and without SBR latex.”* by Engr. Usman Ali
- 12:30 – 12:45 Industrial Field Talk: *“Modern trends of construction materials in Pakistan”* by Dr. Wajahat Mirza
- 12:45 – 01:00 Paper Presentation: *“Attribution analysis of runoff change by using SWAT model a case study of Khanpur dam catchment”* by Dr. Muhammad Shahid
- 01:00 – 01:30 Industrial Field Talk: *“External developers or When different developers have interests in the same area”* by Engr. Olena Alizi, with *“Effect of Early Contractor Involvement in Statens Vegvesen Projects”* by Engr. Syed Hamza Tariq Bukhari with *“Changes in road technology to contribute to sustainability goals”* by Engr. Beenash Shahzadi : Viken County Municipality, Norway
- 01:30 – 01:45 Question and Answer Session
- 01:45 – 02:00 Concluding Remarks and Distribution of Shields
- 02:00 – 03:00 Lunch and Prayer Break**

### **Parallel Session (Venue: Transportation & Highway Lab)**

- Session Chair: Prof. Dr. Muhammad Saeed Shah                      Session Co-chair: Engr. Muhammad Arshad
- 12:00 – 12:10 Paper Presentation: *“Energy Efficiency Potential of Natural Fiber based Composite Building Material.”* by Engr. Khadija Mawara.
- 12:10 – 12:20 Paper Presentation: *“Investigation of clay-based Geo-polymers with industrial wastes”* by Engr. Noor Yaseen
- 12:20 – 12:30 Paper Presentation: *“Investigating Performance of Asphalt Concrete Using Waste Material as Bitumen Modifier”* by Engr. Arfa Tariq
- 12:30 – 12:40 Paper Presentation: *“Sustainable Construction by Using Steel Chips as a Partial Replacement of Cement”* by Engr. Asad ur Rehman
- 12:40 – 12:50 Paper Presentation: *“Cost-Effective Energy Efficient Practices for an Existing Residential Building”* by Engr. Mahnoor Arif
- 12:50 – 01:00 Paper Presentation: *“Battling Environmental Pollution in Lahore: The Importance of a Sustainable Transportation System”* by Engr. Muhammad, Momin Amer
- 01:00 – 01:10 Paper Presentation: *“Causes of flood its damages and measures taken by the government: A case study on District Dera Ghazi khan”* by Engr. Maria Talib
- 01:10 – 01:20 Paper Presentation: *“Cost comparison of clay bricks and concrete blocks in the residential house: A case study”* by Engr. Muhammad Usama
- 01:20 – 01:30 Paper Presentation: *“Design and Cost Comparison of selected long-span structural systems”* by Engr. Tanveer Younas
- 01:30 – 01:45 Question and Answer Session
- 01:45 – 02:00 Concluding Remarks and Distribution of Shields

### **Technical Session 5 (Venue: Auditorium Hall)**

- Session Chair: Dr. Wajahat Mirza    Session Co-chair: Dr. Khawaja Bilal Ahmed
- 03:00 – 03:20 Keynote Speaker Engr. Tatiana Tronda, Belarus
- 03:20 – 03:35 Paper Presentation: *“Effect of addition of Waste Engine Oil and Waste Cooking Oil on Engineering properties of a bitumen”* by Engr. Waqas Haroon

- 03:35 – 03:50 Industrial Field Talk: *“Efficacy of Safe City Project in improving Urban Management”* by Engr. Amir Ashraf
- 03:50 – 04:05 Paper Presentation: *“Building Energy Analysis of a Typical House with Conventional Masonry Walls and Comparison with Cavity Wall Construction”* by Engr. Sahar Iftikhar
- 04:05 – 04:20 Industrial Field Talk: *“Smart Construction Solutions”* by Engr. Ali Mukhtar (Sr. Manager Projects) Izhar Construction (Pvt) Limited
- 04:20 - 04:30 Industrial Field Talk: *“Launching of Grade 80 Steel & Its Benefits in Pakistan”* by Sohaib Afzal Rana, Chief Marketing Officer, FF Steel
- 04:30 – 04:45 Question and Answer Session
- 04:45 – 04:55 Concluding Remarks and Distribution of Shields
- 04:55 – 05:00 Closing Conference Remarks from Conference Vice-Chairman: Prof. Dr. Kafeel Ahmad