

## About NIT Kurukshetra

National Institute of Technology (NIT) Kurukshetra, formerly known as Regional Engineering College, Kurukshetra was founded in 1963 and is presently celebrating its diamond jubilee. It was conferred upon the NIT status, with Deemed University on June 26, 2002. The Institute offers several courses in various disciplines of B.Tech., M.Tech., MBA, MCA and Ph.D with an annual intake of about 1500 students. Institute provides state of the art facilities for academics, practical and experimental learning and research.

## About Kurukshetra

Kurukshetra is known as DHARAMKSHETRA, with historical and religious importance. Here, the battle of Mahabharata was fought, and Lord Krishna preached the philosophy of "KARMA" as enshrined in the holy book "Shrimad Bhagwad Gita". Kurukshetra is very well connected by Road, Rail and Air. The NIT Kurukshetra campus is situated about 10 km from Pipli bus stand located on NH-44, and 5 km from Kurukshetra Railway Station. Nearby airports are New Delhi and Chandigarh.

## Department of Civil Engineering

The Department of Civil Engineering of NIT Kurukshetra started functioning from the year 1963. The department offers B.Tech, M.Tech.& PhD in the specializations of Structural Engineering, Transportation Engineering, Environmental Engineering, Water Resources Engineering and Geotechnical Engineering.

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Celebrating 60 Years of Academic Excellence

First Announcement

## National Conference

on

## Sustainable Development of Smart Cities Infrastructure

(SDSCI - 2023)

May 27-28, 2023

Organized By

Department of Civil Engineering

National Institute of Technology Kurukshetra



# About Conference

Sustainable development of smart cities infrastructures is of paramount importance and need to be planned, designed, constructed, operated and de-commissioned in a manner that ensures economic, social, environmental and institutional sustainability over the entire infrastructure life cycle. This means smart cities infrastructure be cost effective, disaster resilient, environmentally friendly, conserving natural resources, and sustainable ensuring faster delivery of quality and durable structures which include roads, building, bridges, energy and water infrastructures. The aim of the present conference is to develop awareness and discourse creation on how future smart cities infrastructures can be developed and governed with consideration of sustainability perspective.

# Call for Papers

Topics of interest for submission include various sub-themes, but are not limited to the conference aims. The aim of the SDSCI-2023 conference is to bring together research work related to new trends in sustainable development of smart cities infrastructure.

To this end, SDSCI-2023 is being organized with the aim to attract participants with different background, to foster cross-pollination between different research fields, and to expose and discuss innovative theories, frameworks, methodologies, tools, and applications for sustainable development. All contribution should be of high quality, original and not published elsewhere or submitted for publication. The paper length should not exceed 08 pages. Template format of the paper and submission link will be uploaded on the conference website. During the review period, papers will be peer reviewed by eminent scholars in the respective areas. All accepted papers will be published in conference proceedings with ISBN and selected papers are proposed to be published in the Scopus index journal/proceeding. Best paper award will be given to the selected papers. The full length paper as per prescribe format should be uploaded in doc/docx. and pdf files to the link

<https://cmt3.research.microsoft.com/SDSCI2023>

# Conference Theme

**Main topics of interest include, but are not limited to:**  
Sustainable Construction Materials and Technologies

- Smart & Bioinspired Materials
- Eco-friendly Construction
- Low Carbon and Environmental Footprints
- Sustainable Ultra High-Performance Materials
- Environmental Planning and Management
- Advanced Modeling and Characterization of Structures
- Smart and Sustainable Development of Cities
- Environment and Energy
- Urban and Rural Planning, Transport and Environment
- Data Mining & Machine Learning for Sustainable Infrastructure
- Building Information Modeling
- Current Trend in Constructions
- GIS and Remote Sensing
- New Generation Concrete
- Social and Environmental Sustainability
- Innovative Pre-casting Technologies in Bridge Construction
- Trends and Future Prospects of Smart Cities
- Building Energy Efficiency and Sobriety
- Regional Energy Supply and Security
- Information and Communication Technology (ICT) in the Smart Cities
- Structural Performance under Extreme Loading
- Resilience to Natural and Man-made Disasters
- Green Buildings: Energy, Water and Material Efficiency
- Structural Health Monitoring
- 3D Printing as the Future of Sustainable Concrete Infrastructure

# Innovative Project Models

UG, PG and Research Scholars can participate in presentation of innovative project models pertaining to theme of the conference. Best project model will be awarded by Juries of Scientist/Eminent Faculty. The registration fee for participating in the activity is Rs. 1500/ per participant.

# Important Dates

- Full Length Paper Submission): April 30, 2023 (Max 8 Pages)
- Acceptance of Full Length Paper: May 10, 2023
- Last Date of Registration: May 15, 2023

# Registration Charges

Category	Fee (Rs.)
Faculty/Scientists	2000/
Industrial Delegates	3000/
Researcher Scholars/ Students	1500/
Delegates / Accompanying Person	1000/
Additional Research Paper of Same Authors	1500/

The Registration fee can be paid online through SBI Collect. The scanned copy of the SBI-Collect receipt can be mailed to: [sdsci@nitkkr.ac.in](mailto:sdsci@nitkkr.ac.in)

Online Fee Payment Through SBI Collect

- Step 1:** <https://www.onlinesbi.com/sbicollect/icollecthome.htm>
- Step 2:** Select the Category: Educational Institutions, State and Type of Corporate/Institution (Haryana and Education Institution)
- Step 3:** Select from Educational Institutions: Director National Institute of Technology, Kurukshetra
- Step 4:** Select Payment Category :SDSCI 2023, fill the details , submit, and take the print out.

# Collaborator/Sponsorship

The collaboration / sponsorship from academic institutes, R&D organization, industry and other funding agencies are welcome as per Feedetails mentioned below.

Category	Fee (Rs.)
Conference Sponsor	50,000/
Conference Co-sponsor	30,000/
Conference Main Exhibitor	25,000/
Conference Stall & Co-Exhibitor	10,000/

**For further information and latest updates, please visit Institute website or write or contact**

- Prof. H. K. Sharma, (9416334644, 9306816514)
- Dr. Pankaj Munjal, (9213860000, 01744233337)

Conference Secretary  
**Website:** <https://nitkkr.ac.in>  
**Email:** [sdsci@nitkkr.ac.in](mailto:sdsci@nitkkr.ac.in)