

## Call for Papers

Original and unpublished technical papers are invited from academicians, researchers and practitioners in the conference themes. Authors are requested to submit only full papers (more than or equal to 4 pages) through e-mail to [ascm@nitjsr.ac.in](mailto:ascm@nitjsr.ac.in). For templates and author guidelines, please visit our website <https://sites.google.com/view/ascm-2020>.

### Important Dates

Last Date for Paper Submission	01-07-2020
Notification of Acceptance	15-07-2020
Early Bird Registration up to	18-07-2020
Full Length paper closes	20-07-2020

**Note: The conference will be conducted in online mode only. The accepted papers, presented by the duly registered authors in ASCM-2020, will be published in Scopus-indexed book series Lecture Notes in Civil Engineering (LNCE).**

### Registration:

Delegates should complete the registration form and send soft copy by email to [ascm@nitjsr.ac.in](mailto:ascm@nitjsr.ac.in).

To ensure that the registered delegates attend the conference sincerely, there is a nominal fee of Rs. 500. It is to be paid to PMCARES Fund and a screenshot of the transaction or receipt needs to be sent along with the completed registration form.

Name of Account: **PM CARES**  
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If anyone is not able to pay the fee, can make a written request to [ascm@nitjsr.ac.in](mailto:ascm@nitjsr.ac.in) to waive off the fee. It will be given due consideration.



## Conference Themes

- Sustainable materials and construction
- Innovations in Recycling Concrete
- Green Buildings and Innovative Structures
- Utilization of Waste Materials in Construction
- Geo polymer Concrete
- Nanotechnology and Sustainability of Concrete
- Environmental Sustainability and Development
- Recycling Solid Wastes as Road Construction Materials
- Emerging Sustainable Practices in Highway Pavements Construction
- Plastic Roads
- Pavement analysis and Design
- Application of Geo Geotechnics
- Application of Surrogate Modelling Techniques
- Probabilistic Evaluation of Seismic Soil Liquefaction Potential
- Landslide Risk Assessment and Mitigation
- Green Tunnel Construction Technology and Application
- Sustainable Ground Improvement techniques
- Municipal Solid Waste Landfills synthetics for Ground Improvement

*Other Advanced Topics Under Conference Theme.*



## NATIONAL CONFERENCE ON ADVANCES IN SUSTAINABLE CONSTRUCTION MATERIALS (ASCM 2020)

**August 03-04, 2020**

Sponsored by

**TEQIP-3**  
Technical Education Quality Improvement Programme

Published by

 **Springer**



**ORGANIZED BY**

**DEPARTMENT OF CIVIL ENGINEERING  
NATIONAL INSTITUTE OF TECHNOLOGY  
JAMSHEDPUR  
JAMSHEDPUR, JHARKHAND, INDIA**



**Conference Organizing Secretary (s)**

Dr. Subhadeep Metya and Dr. Sabyasachi Biswas

<https://sites.google.com/view/ascm-2020>

## About NIT Jamshedpur

National Institute of Technology (NIT) Jamshedpur is an Institution of National Importance, by an Act of Parliament namely, the National Institutes of Technology Act, 2007, which received the assent of the President of India on the 5<sup>th</sup> June, 2007. This was formerly known as Regional Institute of Technology (RIT) Jamshedpur and was established on 15<sup>th</sup> August 1960 with the aim of nurturing young engineers for economic growth of the Nation. To celebrate its 60th year milestone with all its alumni and well-wishers, the Institute hosted Diamond Jubilee celebration events throughout this year. As a part of these celebrations, the proposed conference is planned to be organised.

NIT Jamshedpur is situated in the western part of the city Jamshedpur. The flowing river Kharkai and picturesque backdrop of low hills on one side, and large tracts of forest on the other side, make the 341 acres of rolling campus an ideal place for higher learning and research. NIT Jamshedpur has well qualified faculty and dedicated supporting staff.

## About Conference

Sustainable development is one of the leading civilization ideas. Sustainable development in construction is particularly important, as this branch of the industry is consuming enormous amounts of mass and energy. Sustainability in construction materials is an area that has gained importance among the researchers in the recent past. Depletion of available raw materials and the need for alternatives to meet the futuristic demand in construction materials is of real concern. This paves way for the development of alternative materials that enables sustainability in construction materials.

The research area is not only connected with material performance, energy factors, and environmental effects, but also with topics such as the protection against noise pollution, the evaluation of the storage efficiency of waste material, etc. Implementation of the idea of sustainable development in the construction industry will be a source of scientific and engineering inspiration for many years to come. A successful implementation of sustainable development in construction depends, of course, on the net results, but it also, to a large degree, depends on the availability of related research findings and properly educated specialists.

## Venue:

Department of Civil Engineering, National Institute of Technology Jamshedpur, Jamshedpur, Jharkhand – 831014

## How to reach the Institute

NIT Jamshedpur is well connected by Rail and Bus.

The Campus is about 8.5 km from Tatanagar railway station.

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## Registration Form

National Conference on “Advances In Sustainable Construction Materials”  
(ASCM 2020)

03-04 August 2020

**Sponsored by TEQIP-III**

(Photo copies/Soft copies can also be used or download from [www.nitjsr.ac.in](http://www.nitjsr.ac.in))

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