

Registration Form

*Candidate can Register offline or online through google form using the google link as mentioned below.

-
1. Name: _____
 2. Designation: _____
 3. Department: _____
 4. Organization: _____
 5. Address for Correspondence: _____

Email: _____
Phone no: _____
 6. Qualification: _____
 7. Accommodation required (Tick): YES/NO
 8. Transaction Details
DD/NEFT/RTGS Particulars: _____
Amount: _____
Date: _____
 9. Signature of Applicant: _____

Registration fee:

Industry Professionals/Others : Rs. 3000/-

Academic Participants : Rs. 1000/-

Students Ph.D., U.G. & P.G. : Rs. 500/-

The course registration fee is to be paid to the following account

ACCOUNT NAME: RESEARCH & CONSULTANCY NIT JAMSHEDPUR

ACCOUNT NO.: 00000038246478714

IFSC CODE: SBIN0001882

BRANCH: STATE BANK OF INDIA NIT CAMPUS ADITYAPUR

Registration form should be sent to:

Isdss2023nitjsr@gmail.com

Contact: Coordinators

K. K. Sharma.: +91-9793377801

S. Madhuri.: +91-8309942434

Virendra Kumar.: +91-8340607039

Email: Isdss2023nitjsr@gmail.com

Organizing Committee

Patron

Prof. Goutam Sutradhar
Director, NIT Jamshedpur

Chairman

Dr. Sanjay Kumar
HOD, Civil Engg. Deptt.

Convenor

Dr. A. K. Choudhary

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Dr. Virendra Kumar

Dr. S. Madhuri

Dr. K. K. Sharma

Advisory Committee

Dean (Faculty Welfare)

Dean (R&C)

Dean (Academic)

All faculty (Civil Engineering)

National Workshop
on

Design of Bridges- 2024

23 - 27 March 2024

HYBRID MODE



Organized by

Department of Civil Engineering
National Institute of Technology
Jamshedpur
Jharkhand, INDIA

BACKGROUND

During the past two decades, tremendous advancement in the field of Bridge Engineering has taken place. This has led to the development of new structural forms, new materials and computer aided analysis and design of bridges. After the introduction of LIMIT STATE DESIGN there have been improvements in the design codes IRC: 5, IRC: 6 and IRC: 112, IRC: 78, IRC: 83, IRC-22, IRC 24 and so on. This training is designed to impart training on recent developments in planning, analysis and design of durable and economical road bridges. Bridges are structures which form an integral part of infrastructure development projects. A bridge is built to span and pass over a river, road, rail or any other geological hurdle. It is used as a fast way to transit in areas of high traffic congestion. From road to rail, the function and the area in which a bridge is constructed decides its design. The course will cover the overview for the Analysis and Design of super structure.

Thrust Areas

1. Basis for conceptual design for bridges.
2. Loads and load combinations.
3. Introduction to revised IRC codes.
4. Design of RCC bridges.
5. Design of PSC bridges.
6. Design of Composite bridges.
7. Design of Steel bridges.
8. Bearings
9. Case Studies

Who Should Attend

State building regulatory authorities such as town & country planning departments, municipal corporations, development authorities, municipalities, fire services departments; Govt construction departments and agencies; PSUs; building construction professionals and consultants such as architects, civil engineers, structural engineers, town planners, landscape architects, building services engineers; project management consultants; builders and developers; building material manufacturers/technology suppliers; R&D Institutions; housing and infrastructure finance institutions; and faculty and students of academic institutions of engineering and architecture.

Resource persons

The resource persons constitute eminent experts from various IITs, NITs, Govt. Organizations & pvt. professionals.

About NIT Jamshedpur

National Institute of Technology Jamshedpur is an Institution of National Importance, by an Act of Parliament (Act 29 of 2007) namely, the National Institutes of Technology Act, 2007, which received the assent of the President of India on the 5th June, 2007. This was formerly known as Regional Institute of Technology (RIT) Jamshedpur and was established on 15th

August 1960 with the aim of nurturing young engineers for economic growth of the Nation. 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.

About Civil Engineering Department

The Department of Civil Engineering of National Institute of Technology (formerly Regional Institute of Technology) Jamshedpur was started with the inception of the institute itself in 1960. The Department of Civil Engineering runs B.Tech, M.Tech (Structural Engineering, Geotechnical Engineering and Water Resources Engineering) and Ph.D programmes. The department has well qualified and experienced faculty members. Apart from teaching and research, all faculties are actively involved in training and other extracurricular activities for all round development of the department. Faculties of this department are also undertaking design, testing & consultancy works for various organizations leading to resource generation for the Institute.

How to reach the Institute

NIT Jamshedpur is well connected by Rail and Bus. NIT Jamshedpur Campus is about 12 km from TATA railway station.