

## Objectives

The objective of this workshop is to bring together eminent scientists, academicians and experienced industry person on a common platform for the benefit of students, research scholars and consultants in general and the society as a whole. Basically this is a step forward in Industry Academia Interface. We are keen to organize this workshop to get an insight into the latest developments in the field of modern engineering materials used in different constructions and advanced construction methodologies and infrastructures in Civil Engineering. Also it is an opportunity to provide knowledge in recent advances in Civil Engineering by eminent professors and technocrats of the state/ country.

## About the Institute

Indira Gandhi Institute of Technology (IGIT), Sarang was established in 1982 as an autonomous institute of Govt. of Odisha. Presently it is imparting technical education to Diploma, B.Tech, M.Tech, M.Sc and Ph. D students. Seven branches in undergraduate courses of the institute are running under BPUT, Odisha. Since its inception, the institute marches ahead to excel in technical education and to facilitate an interacting teaching and learning process.

## About the Department

Department has reached its silver jubilee year, endowed with faculties who are dedicated teachers and distinguished researchers that carry out research in Civil Engineering and its allied fields like Structural Engineering, Geotechnical Engineering, Transportation Engineering and Environmental Engineering. Our Department offers BTech, MTech and PhD Programs in Civil Engineering.

## Who should participate?

This workshop is a TEQIP-III sponsored, provides unique opportunity of learning from distinguished personalities who have already gained recognition of National and International level (Faculty from IITs,NITs, Industrial expertise and Scientist from R&D). Faculties, Research Scholars, UG and PG students, interested in this area of Civil Engineering may participate in the workshop.

## Venue

The workshop will be held in the campus of Indira Gandhi Institute of Technology, Sarang, Dhenkanal, Odisha-759146. The venue can be reached both by road and train. The nearest railway station is Talcher Road. The venue is about 140 Kms from the state capital Bhubaneswar.

## Registration

Interested participants may register their names on or before 21<sup>st</sup> Sept 2018 at institute website ([www.igitsarang.ac.in](http://www.igitsarang.ac.in)). The decision of the Convenors and Coordinators regarding the participation for the workshop is final. The confirmation regarding participation will be sent through e-mail on 21<sup>st</sup> Sept 2018.

## Registration Fee

Fees for research scholars is Rs. 500/ and faculties Rs. 1,000/. Fees for industries and research organisation per participant .is Rs. 1,000/-. Kindly note that no income tax is to be deducted at source from course fee payment, as I.G.I.T. Sarang is exempt from the same.

## Accommodation

Outstation participants may request before 21<sup>st</sup> Sept 2018 for accommodation on payment basis.

TEQIP-III SPONSERED

REGISTRATION FORM

**NATIONAL WORKSHOP  
ON**

**Recent Advances in Engineering Materials and  
Construction Practices.**

**Date: 24<sup>th</sup>-28<sup>th</sup> Sept 2018**

1. Name: \_\_\_\_\_(M/F)
2. Designation: \_\_\_\_\_
3. Highest Qualification: \_\_\_\_\_
4. Name of the Organization/  
Institute/Farm: \_\_\_\_\_
5. Correspondence Address:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
6. Contact mobile No. \_\_\_\_\_
7. E-mail : \_\_\_\_\_
8. Accommodation Required: Yes/NO
9. I am enclosing the registration fee of  
Rs.....by demand draft bearing  
No.....dated..... in favour  
of DEPT DEV FUND CE, CIVIL  
DEPARTMENT IGIT SARANG.

Date:

Signature

Recommendation and forwarding from the  
Organization

Signature with seal of the Head of the Organization

### Expected Resource Persons

Dr. Shishir Kumar Sahoo, NIT Rourkela.  
Dr. Mahabir Panda, NIT, Rourkela.  
Dr. Pradip Kumar Das, VSSUT, Burla  
Dr. Amar Nath Nayak, VSSUT, Burla.  
Dr. Pradip Kumar Pradhan, (VSSUT, Burla)  
Dr. Pravat Kumar Parhi, CET, Bhubaneswar.  
Dr. Falguni Baliarsingh, CET, Bhubaneswar  
Dr. Hemant Kumar Dash, CET, Bhubaneswar.  
Mr. Chanchal Mukherjee, Bridge & Roof (I) Ltd.  
Industry Person from NALCO, Angul, NTPC, Kaniha,  
MCL, Talcher, and JSPL Anugul Odisha.

### Advisory Committee

Dr. Satyabrata Mohanta (Director, IGIT)  
Dr. P K Pani (HOD, Civil)  
Dr. Urmila Bhanja (HOD, ETC)  
Dr. S Pattnaik (HOD, Metallurgy)  
Dr. S N Mishra (HOD, CESA)  
Dr. Md. N Khan (HOD, Physics)  
Dr. B B Panda (HOD, Chemistry)  
Dr. Pranati Das (HOD, Electrical)  
Dr. Srinivas Sethi, Asso. Prof., CSEA  
Dr. Rabindra Behera (Electrical)  
Dr. R N Sethi (Asst. Prof, Mech & V P Alumni Asso)

### Organising Committee

Dr. Pratap Kumar Pani (HOD)  
Dr. S K Chand, ( Prof. Civil)  
Dr. M. K. Das ( Prof. Civil)  
Dr. M Maharana ( Prof. Civil)  
Dr. B. C. Panda ( Prof. Civil)  
Dr. T. K. Nath ( Prof. Civil)  
Dr. C R Sahoo ( Prof. Civil)  
Dr. R. K. Kar ( Prof. Civil)  
Dr. G. K. Pothal ( Prof. Civil)

Miss A Priyadarshini ( Asst Prof, Civil)  
Mrs Trushna Jena ( Asst Prof, Civil)  
Dr. Biswanath Sethi (Asst Prof, CSEA)  
Mr. Kashinath Barik (Asst Prof, Chemical)

### **Advisor:**

Dr. Satyabrata Mohanta  
Director, IGIT, Sarang, Odisha

### **Chairman:**

Prof. Pratap Kumar Pani  
HoD, Civil Engineering Department

### **Programme Coordinator:**

**Dr. Bhagirathi Tripathy**  
Asst. Professor,  
Civil Engineering Department

### **Completed Registration form can be sent to**

**DR. BHAGIRATHI TRIPATHY**  
Course Coordinator  
Dept. of Civil Engineering.  
Indira Gandhi Institute of Technology, Sarang  
Dhenkanal, Odisha– 759146  
Phone: 9861278000  
Email: [bhagirathitripathy@igitsarang.ac.in](mailto:bhagirathitripathy@igitsarang.ac.in),  
[bhagirathitripathy@gmail.com](mailto:bhagirathitripathy@gmail.com)

### **DATE & TIME OF REPORTING**

24th Sept. 2018, 9.00 AM at Conference Hall,  
IGIT Sarang

### **COURSE CONTENTS**

This course aims to include the following topics

1. Introduction to new construction materials
2. Development of New Construction Material
3. New construction material from Industrial waste.
4. Construction of Modern Industrial structure.
5. Infrastructure Development.
6. High rise Structure.
7. Advances in Transportation Planning.

TEQIP-III SPONSERED

**National Workshop**

On

**Recent Advances in Engineering  
Materials  
And  
Construction Practices.  
(RAEMCP-2K18)**

**24<sup>th</sup> – 28<sup>th</sup> September 2018**



Organised by

**Civil Engineering Department  
Indira Gandhi Institute of  
Technology, Sarang**

(An Autonomous Institute of Govt. of Odisha)  
**Sarang, Dhenkanal - 759146**  
[www.igitsarang.ac.in](http://www.igitsarang.ac.in)