

OFFICE OF THE CHIEF ENGINEER
LOCAL SELF GOVERNMENT DEPARTMENT
3RD FLOOR, REVENUE COMPLEX
PUBLIC OFFICE COMPOUND,
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CIRCULAR

A training programme on "Formwork Design & Steel Manufacture" is conducted by Rajiv Gandhi Institute of Technology (RIT), Kottayam between January 21-23, 2014. Interested Engineers (Assistant Engineer, Assistant Executive Engineer, Executive Engineer & Superintending Engineer) may participate in the programme. Executive Engineer, District Panchayath, Kottayam may ensure maximum participants from the District.

The application may directly be sent to the co-ordinator, RIT. They may get the permission of superior officer and ensure that their office work is not affected. The details can be obtained from the communication details available in the brochure & schedule attached along with this.


fa Chief Engineer

Sponsorship

Sri/Smt.....
..... is an employee of our institution and he/she is hereby sponsored for the 3-day training programme on “Formwork Design and Steel Manufacture” from January 21st to 23rd 2014. The applicant would be permitted to attend the workshop, if selected.

Place: Signature of the
Date: sponsoring authority

Office seal

Important dates

Last date of receipt of application:
13th January 2014

Intimation of selection by email:
15th January 2014

Course Duration:
21st to 23rd of January 2014

Mail your queries to jijianna.cet@gmail.com
bindhu@rit.ac.in

About the Institute

Rajiv Gandhi Institute of Technology is a Government Institution named after the late Prime Minister Sri. Rajiv Gandhi. The college is situated in a campus extending over 87 acres on the Kottayam – Kumily Highway (NH-220) and is 15 kms from Kottayam Railway station. The college is offering undergraduate courses in six branches of engineering and post graduate programmes in five disciplines. The college is affiliated to the Mahatma Gandhi University, Kottayam, Kerala.

With its vast infrastructure along with a team of dedicated teachers, it has attained a remarkable place as a technical training institute.

Address for communication

Smt. Bindhu B. K.,
Assistant Professor, Civil Department,
Rajiv Gandhi Institute of Technology,
Kottayam 686 501
Ph. No. 9447984350

Short Term Training Programme

On Formwork Design and Steel Manufacture

January 21 -23, 2014

Organized by



Rajiv Gandhi Institute of Technology
Government Engineering College
Kottayam

through
Centre for Continuing Education

Coordinators

Dr. Jiji Anna Varughese
Assistant Professor, Civil Engineering
Smt. Bindhu B K.
Assistant Professor, Civil Engineering

APPLICATION FORM

Short Term Training Programme on “Formwork Design and Steel Manufacture”

Objective of the course

The purpose of formwork is to support its own weight and that of freshly placed concrete as well as the construction live loads including materials, equipment and workmen. The main requirements of formwork are its quality, safety and economy. Therefore material selection, planning and design of formwork needs to be carefully worked out for any project. Due to complications of shapes and forms, the formwork design poses a challenge to engineers.

The programme will cover all the finer aspects in the planning, design and execution of formwork in detail. Many failures in formwork and centering have led to serious accidents on construction sites.

With the advent of segmental construction of bridges, the design of launching girders has become very important. These design procedures will also be discussed in this programme. With the help of interesting case studies, the programme aims at training the participants towards a proper and safe design of formwork and falsework.

The course also aims at providing the participants an exhaustive detail of steel manufacture procedure which will help in understanding its microstructure, strength and ductility aspects.

Eligibility for Admission

Faculty from AICTE approved Engineering colleges, practicing Engineers / Architects from various Government departments and established companies can apply.

Fee Structure

- A) Registration fee for external participants from institutions having TEQIP assistance and from all self financing educational institutions is Rs.1000/-
- B) Registration fee for practicing Engineers is Rs 2000/-
- C) No registration fee for faculty from Govt./ Govt. aided/ Govt. controlled Engineering colleges without TEQIP assistance.

Registration fee can be paid at the time of registration.

Resource Persons

Mr. Vivek Abhyankar, Afcons, Mumbai
Mr. Tharath, Thaliath Enterprises, Ernakulam

How to apply

Completed application form should reach the course coordinators latest by **13th January 2014**.

A scanned copy of the application may also be mailed to ritcce@gmail.com

1. Name:

2. Age/ Date of Birth:

3. Gender :Male/Female:

4. Qualification:

5. Designation:

6. Department/Organization:

7. Specialization:

8. Address for communication:

9. Phone:

10. Email:

11. Accommodation required : Yes/ No

Declaration by the Applicant

The above mentioned information is true to the best of my knowledge and belief. I agree to abide by the rules and regulations governing the course. I also undertake the responsibility to inform the coordinator, in case I am unable to attend the course.

Place:

Date:

Signature of the Applicant

3-DAY TRAINING PROGRAMME AT R.I.T., KOTTAYAM

FORMWORK DESIGN AND STEEL MANUFACTURE

DAY	9-10.30	10.45 – 12.30	LUNCH BREAK	1.30 -2.40	2.50 – 4.00
TUE (21/1/14)	Registration & Inauguration	Why training on formwork, Learning from our mistakes		Basic Design of formwork components	Basic Design of staging components
WED (22/1/14)	Planning for formwork and costing	Effective execution of formwork and Failure Case studies		Dos and Don'ts about formwork and discussion	Patented Formwork systems
THU (23/1/14)	Films on Formwork Construction	Structural Steel- Manufacture and microstructure		Connections in steel structures	Valedictory

Resource Persons : 1) Mr. Vivek Abhyankar, Afcons, Mumbai
2) Mr. Tharath, Thaliath Enterprises, Ernakulam

Special Issues to be covered during the programme

- 1) Responsibilities of Site Engineers with respect to Design
- 2) Responsibility of Designer with respect to constructability
- 3) Importance of Detailed Planning
- 4) Link between Design - Specs - Actual Site Implementation
- 5) Design Assumptions - how often they are wrong? / right?
- 6) Without planning, design cannot be done. But for planning data is necessary
- 7) Design / drafting Software
- 8) Cycle time - Multiple use of formwork