

## SPONSORSHIP

(For applicants from AICTE approved institutions)

Prof./Dr./Mr./Ms. \_\_\_\_\_  
\_\_\_\_\_ is an employee of our institute and his/her application is hereby sponsored. The applicant will be permitted to attend the QIP short-term course "Advanced Materials and Techniques for Reinforced Concrete Structures" at VSSUT, Burla to be held from 27<sup>th</sup> March to 01<sup>th</sup> April, 2017, if selected.

Date: \_\_\_\_\_ Signature of sponsoring authority

Official Seal \_\_\_\_\_ Designation

(For applicants from other Government and Private organizations)

DD No. \_\_\_\_\_ Date: \_\_\_\_\_  
Bank: \_\_\_\_\_ Amount: \_\_\_\_\_

Signature of the applicant

The duly completed application should be mailed to:

**Dr. S.K. Panigrahi**  
**Dr. Bharadwaj Nanda**

DEPARTMENT OF CIVIL ENGINEERING  
Veer Surendra Sai University of Technology Burla,  
Sambalpur-768018, Odisha  
Tel - +91-9861259635, +91-9692418265  
Email: skpanigrahi\_ce@vssut.ac.in;  
bnanda\_ce@vssut.ac.in.

## ELIGIBILITY

The course is open to all teachers of degree level Technical/Engineering Colleges/Institutions approved by All India Council of Technical Education (AICTE) and having degree in related area of engineering. **No course fee** is charged for participants sponsored by AICTE approved institutions.

Participants from industry and government organizations are eligible provided that, they pay a course fee of Rs. 5,000/- and meet their TA and DA. The payment is to be made by a demand draft drawn on any Nationalized Bank and in favour of 'Coordinator QIP STC ON AMTRCS, payable at Burla.

## FINANCIAL ASSISTANCE

Limited number of participants from the AICTE approved institutions only will be eligible for sleeper class or III AC to and fro railway fare\* (via shortest route from the place of work).

## BOARDING & LODGING

Boarding and lodging facilities will be provided for the participants in the University guest house at Burla.

## IMPORTANT DATES

The last date for the receipt of duly forwarded applications is 04th March 2017.

Intimation of provisional selection of candidature will be communicated through e-mail only by 11th March, 2017.

Final selection notification will be given after receipt of DD and willingness to attend the course.

PS: Interested candidates may send an advance copy of the completed application form by fax/email to avoid procedural / postal delay.

## QIP SPONSORED SHORT TERM COURSE

ON

### ADVANCED MATERIALS AND TECHNIQUES FOR REINFORCED CONCRETE STRUCTURES (AMTRCS)

27-03-2017 TO 01-04-2017



Coordinators

**Dr. Saubhagya Kumar Panigrahi**  
**Dr. Bharadwaj Nanda**



Organized by

DEPARTMENT OF CIVIL ENGINEERING  
VEER SURENDRA SAI  
UNIVERSITY OF TECHNOLOGY, BURLA  
ODISHA-768018

## SCOPE & OBJECTIVES

The short term course will address recent developments on concrete, the most important construction material, in detail. The scope of the conference includes the recent innovations introduced to the concrete and construction technology around the globe. The objectives of the short term course are:

- To expose the participants to recent innovations introduced to the concrete technology and construction.
- To provide knowledge on modern computational tools used in concrete and structural engineering.
- To provide the participants basic knowledge of safety regulations and practices in construction.
- To enrich the knowledge of faculty members through interaction with personalities from academics
- To motivate the participants to carry out quality research work.

## COURSE CONTENT

- Recent innovations in structural systems
- Special concrete
- Supplementary concrete and reinforcing materials
- Non-destructive testing and health monitoring of concrete structures
- Corrosion and durability of concrete structures
- Materials and techniques for repair and strengthening of concrete
- High temperature behavior and fire resistance of concrete
- Fracture mechanics and size effects in concrete
- Application of Staad Pro, Matlab and Abaqus in analysis and design of concrete structures.
- Case Study

## SPEAKERS

The series of lectures will be delivered by a group of eminent faculty members from VSSUT-Burla and also from institutes of national repute.

## COURSE MATERIALS

Each registered participant will receive relevant notes/power point slides of delivered lectures in soft copy format.

## ABOUT US

Veer Surendra Sai University of Technology (VSSUT) Burla, Odisha was formed by Odisha Act 9 of 2009 by upgrading University College of Engineering (UCE), Burla to a non-affiliating Unitary State University, which came into force from 1<sup>st</sup> day of July 2009. The University has eleven departments covering all the major engineering, science and humanities disciplines, offering B.Tech., B.Arch., M.Tech., M.Sc. and Ph.D. programs. VSSUT is located at the foothill of Hirakud Dam – World's longest earthen dam. Burla is known as one of the intellectual capitals of Odisha with VSSUT, Sambalpur University, VSS Institute of Medical Science and Research, Chipilima Agriculture College and Indian Institute of Management (IIM) – all within a radius of 15 KMs. VSSUT is surrounded by metal and power industries and is referred to as Odisha's "Growth Corridor". VSSUT campus is about 10 kms from Sambalpur railway station. Weather in Burla during last week of March will be bit warm but enjoying.

The Department of Civil Engineering has been in existence since 1956 and is producing high quality technical manpower needed by industry, R&D organizations, and academic institutions. The departmental activities embrace Planning, Design, Construction and Management. The Department offers B. Tech degree in Civil Engineering and M. Tech. degree in Civil Engineering with five specializations, i.e., Structural Engineering, Geotechnical Engineering, Transportation Engineering, Water Resources Engineering., and Environmental Engineering & Ph.D degree.

## QIP Sponsored Short Term Course

On

### ADVANCED MATERIALS AND TECHNIQUES FOR REINFORCED CONCRETE STRUCTURES (AMTRCS)

27-03-2017 TO 01-04-2017

### Application Form

1. **Name (block letters):**
2. **Designation & Pay-scale:**
3. **Organization:**
4. **Date of Birth:**
5. **Address for communication (with PIN code):**

Phone:

Fax:

E-mail:

6. **Academic Qualification (Please tick)**

(a) B.Tech.      (b) M.Tech.      (c) Ph.D.

7. **Specialization:**

8. **Experience (in years)**

(a) Teaching

(b) Research

9. **Amount of TA required as per the entitlement mentioned in this brochure (only for AICTE approved college teachers) in ₹:**

Please register me for the course on "*Advanced Materials and Techniques for Reinforced Concrete Structures (AMTRCS)*" to be held at VSSUT, Burla during 27<sup>th</sup> March to 01<sup>st</sup> April, 2017.

Place:

Date:

Signature of the applicant