REGISTRATION FORM

AICTE-NEQIP
INTERNATIONAL TRAINING COURSE

ON

GEOSYNTHETICS AND THEIR APPLICATIONS IN ROAD CONSTRUCTION AND SLOPE STABILIZATION

16 December 2016

(Filled- in application should reach by 9 December, 2016)*

Name: _____

Designation:_____

Organisation:_____

Mailing Address:_____

_____

_____

_____

Ph. (Office):_____Mobile:_____

E-Mail:_____

Educational Qualification:_____

Professional Experience:_____

Area of Interest:_____

Purpose of Joining the Course:_____

Place:_____

Date:_____ Signature of Applicant

** by post to Course Coordinator / by email to ukrdas@gmail.com / by WhatsApp to: +91 81340 22852*

ACCOMMODATION

Participants have to make their own arrangements for stay during the course period.

VENUE

Seminar Hall, Department of Civil Engineering. Tezpur University

SCHEDULE

Friday, 16 December 2016

PATRON

Prof. Mihir Kanti Chaudhuri
Vice-Chancellor, Tezpur University

INTERNATIONAL COURSE FACULTY

Dr. Sanjay Kumar Shukla
Editor-in-Chief, International Journal of Geosynthetics and Ground Engineering
Associate Professor and Program Leader
Discipline of Civil and Environmental Engineering
School of Engineering, Edith Cowan University
Joondalup, Perth, WA 6027, Australia
Email: s.shukla@ecu.edu.au;
sanjaykshukla1@gmail.com

COURSE COORDINATOR

Dr. Utpal Kumar Das
Associate Professor and HoD
Department of Civil Engineering, Tezpur University
Tezpur-784028, Assam, India
Tel: +91 3712 275952
Mobile: +91 98640 60200
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ORGANISED BY

DEPARTMENT OF CIVIL ENGINEERING
TEZPUR UNIVERSITY
TEZPUR-784028, ASSAM, INDIA

ABOUT TEZPUR UNIVERSITY

Tezpur University was established by an Act of Parliament in 1994. The objectives of this Central University as envisaged in the statutes are that it shall strive to offer employment oriented and interdisciplinary courses to meet the local and regional aspirations and the development needs of the state of Assam and also offer courses and promote research in areas which are of special and direct relevance to the region and in emerging areas in Science and Technology.

ABOUT THE DEPARTMENT

The Department of Civil Engineering of the Tezpur University was established in the year 2009 under the School of Engineering with a B. Tech programme. PhD programme was initiated in winter, 2010. The department is going to start M. Tech programme in Civil Engineering from August 2017. The educational and research programme of the department aims to enable its graduates to become leaders in their professional careers, to pursue excellence in research, and to serve the profession, community and nation, and to be competitive in the international scene.

OVERVIEW OF THE COURSE

Development and use of polymeric materials in the form of geosynthetics as a new class of construction materials have revolutionized the infrastructure and the environmental protection works in the construction industry during the past three to four decades. Geosynthetics are available in a wide range of compositions appropriate to different applications and environments. The engineers have increasingly grown interest in geosynthetics and their correct use because the geosynthetics often provide efficient, cost-effective, environment-friendly and/or energy-efficient solutions to several problems. Rational design methods, based on sound concepts and standardised test techniques for determining the technical properties of geosynthetics, are now available, thus placing the geosynthetics on a firm base.

Geosynthetics are effectively used in construction of unpaved and paved roads, and stabilising natural and man-made slopes. Many successful case studies have been reported until recent past. The practicing civil engineers therefore require an exposure to the geosynthetics and their applications in road construction and slope stabilisation.

COURSE OBJECTIVES

Upon completion of the course, the participants will be able to:

- Differentiate between types of geosynthetics and the primary and secondary functions they perform in various civil engineering applications.
- Select the geosynthetics for their appropriate and cost-effective use in construction of unpaved and paved roads.
- Select the geosynthetics for their appropriate and cost-effective use in stabilising the natural and man-made slopes.
- Recommend the type of test on geosynthetics required for their applications in road construction and slope stabilization.
- Develop the general guidelines for geosynthetic installation in road construction and slope stabilization.
- Locate the additional references on geosynthetics and their applications.

COURSE PARTICIPANTS

- Teachers of engineering and polytechnic colleges
- Civil engineers and specialised contractors dealing with design, construction and/or maintenance works.
- Researchers and engineering scientists
- Students of Engineering Colleges

COURSE CONTENTS

- Description of geosynthetics and basic functions
- Properties of geosynthetics, their evaluation and selection
- Use of geosynthetics in construction of unpaved roads
- Use of geosynthetics in construction of paved roads
- Use of geosynthetics in slope stabilization
- General application guidelines
- Installation survivability requirements Case studies

REGISTRATION FEES

- Rs 2000/- per participant for engineers and specialised contractors
- Rs 1000/- per participant for teachers, researchers and engineering scientists

MODE OF PAYMENT

The course fee is payable in cash or by bank draft drawn in favour of “Registrar, Tezpur University”, payable at Tezpur University Branch, on or before 16 December 2016. The course fee includes participation in training, course material as presented, tea-coffee and lunch. This does not cover the accommodation, travel etc.

Participants from institutes covered under AICTE-NEQIP are exempted from registration fee.

CONTACT

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