The co-sponsorship fee and the corresponding privileges are given below.

- Inclusion of an A4 size advertisement in the Course book: 6,000/-
- Inclusion of an A4 size advertisement in the Course book + Advertisement banner: 10,000/-
- Inclusion of an A4 size advertisement in the Course book + Advertisement banner + A complimentary copy of the course volume: 15,000/-
- Inclusion of an A4 size advertisement in the Course book + Advertisement banner + A complimentary copy of the course volume + Free participation of ONE person: 20,000/-

We encourage you to make use of the sponsorship scheme and advertise your firm.

The TA/DA for the participants have to be borne by the sponsoring organizations or by the candidates themselves. We have a reserved accommodation for about 15 participants in university guest house/hostels. It will be available on first come first serve basis at the rates applicable. Candidates can make their own arrangements for Boarding and Lodging if desired.

**ABOUT A.U. COLLEGE OF ENGINEERING**

Andhra University a premier Institute of higher education in India was established in 1926. Located on the uplands of Visakhapatnam, 'The City of Destiny', the natural beauty of the University campus is breathtaking; with the spread of serene blue shade of the 'Bay of Bengal' on one side of it and on the other, beautiful green Kailasagiri hill range.

Andhra University College of Engineering, Visakhapatnam, is the campus college of the University. At the time of inception, it was only a Department of Engineering with Civil Engineering, Mechanical Engineering and Electrical Engineering as the main branches spreading over 150 acres of land.

The AU College of Engineering has acquired considerable reputation in the country and has several Centers of Excellence in various fields carrying out research in specialized areas including Centre of Research on Off-Shore Structures in the Department of Civil Engineering.

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INTRODUCTION

Successful design of coastal and offshore structures is one of the challenging problems. Significant scientific developments have taken place in the recent years on various coastal and offshore engineering research, which has resulted in the better understanding and design of many coastal and offshore structures. The design of these structures involves many uncertainties. There are no standard codes governing its design for many of these structures. Hence, an exposure to the latest developments will help the engineers, designers, academic faculty to do better design with more confidence. Some of the main problems encountered today are in the selection of design parameters, its influence on the structure in terms of loads, scour, stability and assessing its impact on the safe design.

This course is aimed to provide an opportunity for the Engineers/ Designers/ Decision makers/scientists/Academic faculty working in coastal and offshore engineering, Industries/Port and Harbour sectors/Municipalities to interact with the experts involved in the design of various coastal and offshore structures for the past few decades.

The Programme is planned in the following manner:

a. Description of basic principles involved in the design.

b. Discussion of case studies and worked out examples.

c. Lectures from expert on the problems encountered by them and their solutions.

d. Site visit to different coastal structures in around the Visakhapatnam.

COURSE CONTENTS

a. Understanding the design environmental conditions

b. Estimation of loads, scouring and stability of coastal and offshore structures

c. Analysis procedures and methods

d. Design of shore protection structures

e. Design of Port and Harbour structures

f. Design of Foundations for marine structures

g. Design of submarine pipelines

h. Design of jacket platforms

i. Offshore Wind Mills

j. CZM and Regulations

k. Remote sensing and applications

l. Environmental Impact Assessment

m. Impact of sea level rise on the coastal and offshore structures.

n. Tsunami Mitigation Measures

o. Ocean Survey

p. Desalination structures

Participants can request for any specific topic to be covered in the programme, please inform to us. We will try to incorporate it.

FACULTY

Faculty from Dept. of Civil Engineering, IIT Madras, NIOT, NIO, INCOIS, Experts from port & harbours and other organizations will be involved in this course. Experts from outside organizations and special guest lectures are included.

VENUE

The course will be held at the Seminar Hall, Department of Civil Engineering, A U College of Engineering (A), Andhra University, Visakhapatnam, Andhra Pradesh.

ELIGIBILITY FOR REGISTRATION

The course will be helpful for University/ Polytechnic/ Engineering colleges faculty, practicing engineers, R&D personnel, field engineers from private and public sector organizations, scientists, decision makers, are welcome to participate in this course. The minimum qualification is a degree in engineering. Persons with science degree background with sufficient exposure to field surveys and morphological studies are also welcome. The registration for participation should be made in the form attached. The completed registration form should reach preferably before 20th January 2016. The total number of participants is restricted to a maximum of 40. Hence, early registration is recommended.

REGISTRATION FEE

The registration fee for the course is ₹6000/- per Indian participant and US$300 for participants from abroad. The registration fee includes the lecture notes, tea/coffee and working lunch. The demand drafts/cheques should be drawn in favour of “COORDINATOR, DESIGN OF COASTAL AND OFFSHORE STRUCTURES” and mailed to the course coordinator. If the organization cannot spare a participant for this course, but wish to get benefit of this programme, the organization can involve with us as co-sponsor for this programme.

NATIONAL SHORT TERM TRAINING COURSE ON
DESIGN OF COASTAL AND OFFSHORE STRUCTURES
01 – 05 February 2016
(Applications to reach preferably before 25-1-2016)

REGISTRATION FORM

1. Name :

2. Designation :

3. Age :

4. Educational Qualifications :

5. Name of the Sponsoring Organization :

6. Professional Experience :

7. Whether boarding and lodging is Required :

8. Address for Communication :

Signature of the Head of the Institution
Applicant (Signature with Seal)