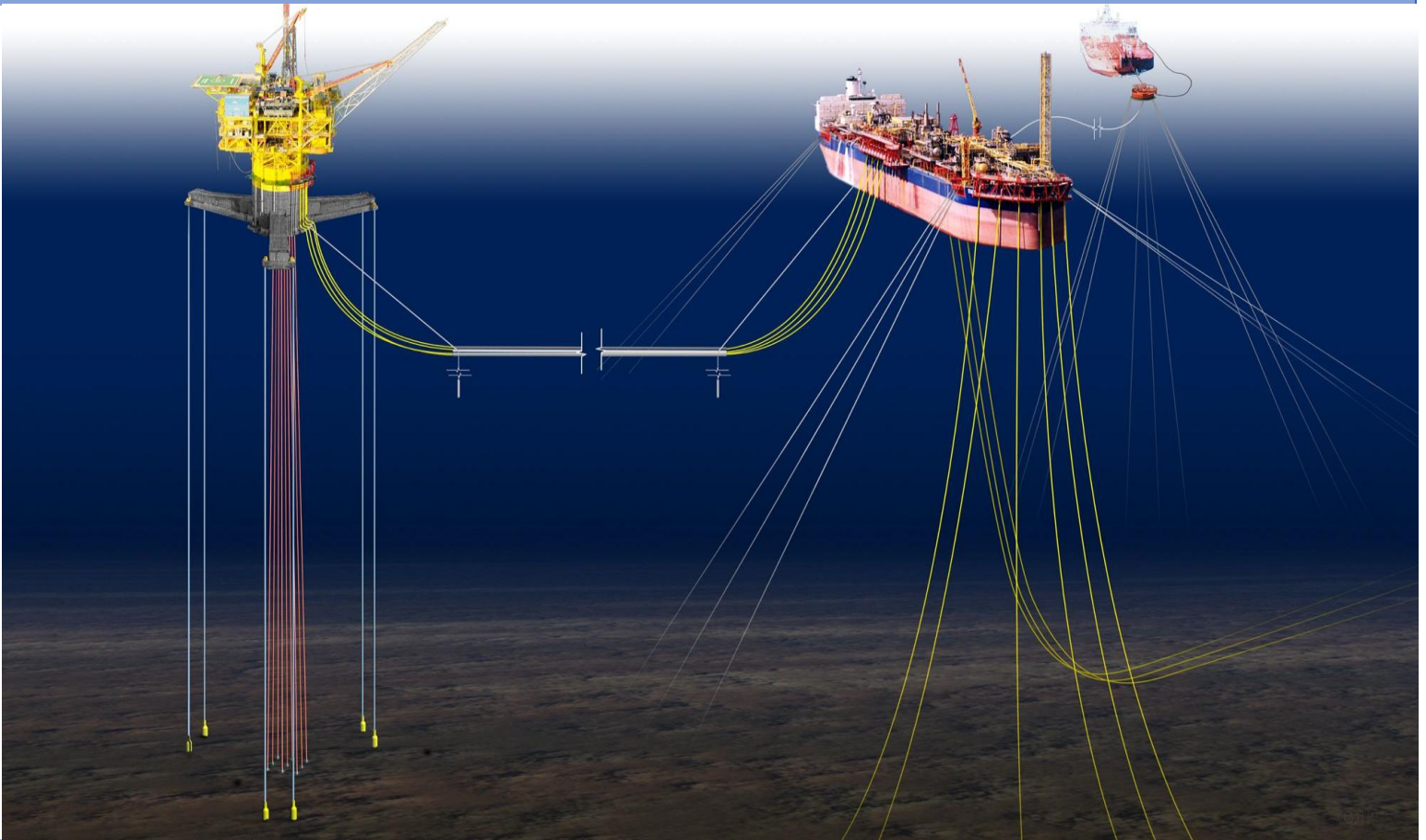


Offshore Pipelines Design, Construction & Operation



Course Date & Venue: 22nd Dec – 26th Dec 2013 – Doha, Qatar.



PROGRAM DESCRIPTION

Offshore Pipelines Design, Construction & Operation

Pipeline systems represent significant financial investment and constitute a key element of the industrial and public value chain. Offshore pipelines are the arteries of the offshore industry and around the world more than 180,000 km are in service. Part of almost every project, they often form a large component of project cost. The course will provide a complete and up-to-date coverage of the subject, and will take participants through pre-design and route selection, detailed design, construction, operation and maintenance. The course is extensively illustrated by case studies.

WHO WILL ATTEND

The Course is designed for Offshore Pipeline Engineers & Managers working directly on Offshore Pipeline Projects or responsible to control & manage Offshore Pipeline Design & Construction Projects.

- ✓ Pipeline Design Engineers
- ✓ Pipeline Managers
- ✓ Pipeline Construction Engineers
- ✓ Pipeline Inspection, Integrity Engineers & Managers
- ✓ Anyone Involved with Pipeline Projects

WHAT YOU WILL LEARN

This course provides a detailed understanding of offshore pipeline design and the latest engineering principles and codes applied to design projects.

Attend this course to:

- ✓ Understand the key factors associated with pipeline design, including routing, materials selection and on-bottom stability
- ✓ Learn about design for strength to avoid failures such as bursting, collapse and buckling
- ✓ Understand internal and external corrosion principles
- ✓ Carry out design calculations , using the latest codes learn directly from subsea pipeline experts

“Gain complete understanding of key issues affecting the design of Offshore Pipelines”

“Understand the design Considerations for deep water pipeline projects”

“Attend this knowledge – packed workshop & become a Offshore Pipeline Specialist”

WHY TRAIN WITH US

IPEBS team develops the training programs based on the practical consulting and site construction expertise that has been built up over the years in various specialist areas.

We set out to teach top-quality engineering skills training courses and we have achieved this - we constantly strive to make them as good as it's possible to - but over the years we have also refined our methods, adding several enhancements to the construction stages of course description, design of the courses and assessment.

We believe that these are important to our training participants; it's easy to see what the courses consist of, what value they will gain from attending them and how they can apply their new knowledge and skills in their workplace in a structured, evidence-rich way.

"POWER YOUR CAREER FORWARD WITH IPEBS SPECIALIZED TRAINING COURSES"



WORKSHOP OVERVIEW

Day-1

Welcome & Introduction

Introduction: Concept, Design, Construction & Operation

Day-2

Material Selection & Corrosion: Recap Material Selection, Coating Design, Corrosion Control, and Links between Material & Design.

Pipeline Mechanical Design: Pressures, Wall thickness Design, Pressure Containment, Collapse & Propagation Buckling

TASK- Wall thickness Design.

Day-3

Route Selection: Recap, Seabed Survey, Met Ocean Data, Route Selection.

TASK- Route Survey.

In- place Design: Local Buckling, Global buckling Assessment.

TASK- Global Buckling Design

Day-4

In- place Design (cont'd): Recap, On bottom Stability,

TASK- On bottom stability.

Free Span Assessment. TASK- Free Span Design

Trawling

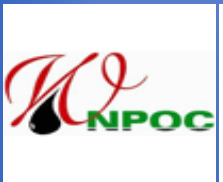
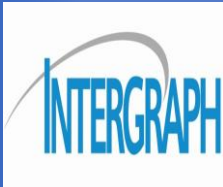
Day-5

Installation Design: Recap Tie-in Design, Seabed Intervention & Protection and Installation Analysis.

Pre-commissioning: RFO & Pigging, Subsea Pipelines Operation

Summing Up

SELECTED CLIENTS



GENERAL INFORMATION:

- Workshop begins at 8:00 AM and ends at 04:30 PM. Participants are expected to be present each day and during all training periods. Participants who do not fulfill the attendance requirement will not be certified. Please remember this when making your travel arrangements.
- Workshop will be conducted in 4 star or 5 star hotels.
- Exact venue of the workshop will be notified 2 weeks prior to the course start date.
- Participant fee includes course material (containing all slides and presentation handouts), participation certificate, Coffee/Tea/Snacks on arrival, morning & afternoon and buffet luncheon.
- Accommodation can be arranged for the participants at the workshop venue (accommodation is not included in the participants fee).
- The workshop is restricted to registered participants only, Visitors are not permitted.
- Workshop attendance certificate will be issued to all participants.
- Use of mobile phones, Personal Data Assistants (PDA, Blackberry) and pagers is not permitted during workshop training periods. Same applies for use of laptop, tablet, and computer for any purpose (E-mail, games etc.) other than workshop training.
- The recommended attire is business casual.
- Participants are expected to maintain a professional standard of appearance and behavior. Any participant wearing inappropriate attire or behaving in an unprofessional manner will be given a verbal warning. Further incidents may result in the participant being asked to leave the class without refunding their fee.
- Failure to meet or comply with these requirements will result in non-certification.

ABOUT IPEBS

“ Energizing Engineering – Empowering Engineers ”

IPEBS is a premium professional training service provider based in Hyderabad, India.

IPEBS has expertise in providing knowledge packed training courses related to Plant Engineering with specialized training programs in Mechanical, Electrical, Instrumentation & Control, Civil/Structural, Process Engineering & Projects Management.

IPEBS core team comprises of Internationally renowned course speakers and domain specialists.

People behind IPEBS have trained thousands of engineers/draftman from all over the Globe.

IPEBS trainers are Subject Matter Experts with real time Consulting & Construction experience.

INSTRUCTOR PROFILE

Dr. Venkatapathi Tarigopula.

Dr. Venkatapathi Tarigopula has over 15 years of experience in Offshore Pipeline Design, Construction & Operation. He has extensively worked in Pipeline Technology related projects in Europe & USA. He has also worked for Det Norske VERITAS, known for well-known Pipeline Standard OS-F101.

He has vast experience related to various pipeline related issues and also went offshore to follow-up the Installations in Subsea. He has particular expertise in conceptual and detail design of riser systems, lateral buckling, analysis of free spans & pipeline stability analysis.

Dr. Venkatapathi is an applied mechanics graduate from IIT Delhi, India and a Ph.D. in Structural Engineering at NTNU, Norway. He has also done a Post-Doctoral Fellowship in the department of Structural engineering. His research topic is related to Crashworthiness of dual phase high strength steel components using a complete research strategy based on experimental tests, numerical models and material characterization. The results of these activities have also been published in various International journals and conferences.

Venkatapathi Tarigopula hails from a small village in the state of Andhra Pradesh, India. After his high school and college education in Guntur, he received a Bachelor of Technology (B.Tech) degree in Mechanical Engineering from the Nagarjuna University, Andhra Pradesh. After competitive examination, he was selected for Masters in Technology (M.Tech) program in Indian Institute of Technology (IIT), Delhi. He came to Norway in the pursuit of doctoral studies. He joined in Norwegian University of Science and Technology (NTNU) where he received the Philosophy doctor (PhD) degree.

PARTICIPANT FEES:

Offshore Pipelines Design, Construction & Operation	Early Registration	*Registration Fee	Group Discounts
	<i>At least 45 Days Prior to start of class</i>	<i>Less than 45 days prior to start of class</i>	
5- Day Workshop	2520 US \$	2800 US \$	2 or more at 10% off 5 or more at 15% off 8 or more at 20% off
Account Name: IPEBS Branch Name : Charminar, Hyderabad, Andhra Pradesh, India. Swift Code: HDFCINBB All bank charges to be borne by payer. Please ensure that IPEBS receives the full invoiced amount.			Account No : 03182020005287 Bank Name : HDFC Group discounts are provided based on the *Registration Fee.
Interested in Onsite training - save over 40% off in total fees, for further information on Onsite training please contact, E-mail : corptrain@ipebs.in Phone- +91-40- 30623249 Mobile- +91- 9885946711			

Terms & conditions:

CANCELLATIONS & SUBSTITUTIONS: Cancellations done 2 weeks prior to the course start date a full refund will be promptly made after a written cancellation is received. Cancellations done 1 week prior to the course start date a minimum charge of 50% of the total fee will be charged. No cancellations are accepted 6 Days before the course start date. However, credit maybe granted to a later workshop or you could send a substitute participant. After registration you may substitute a participant anytime.

COURSE MATERIAL AGREEMENT: It is the intention of IPEBS that the course text and materials supplied to participants at IPEBS courses are prepared and issued for the participants' sole use. Codes and standards constantly change and interpretations are issued by the publishing societies. Information contained in IPEBS course materials is based on the best available data obtained by IPEBS at the time of publication. IPEBS is in no way responsible for subsequent use regardless of intention.

PROGRAM CHANGE POLICY: Please note that instructors and topics were confirmed at the time of publishing this document; however, circumstances beyond the control of the workshop organizers may necessitate substitutions, alterations or cancellations of the instructors and/or topics. As such, IPEBS reserves the right to alter or modify the instructors and/or topics if necessary. Any substitutions or alterations will be updated on our web site.

COURSE CANCELLATION BY IPEBS: IPEBS reserves the right to cancel any WORKSHOP/course due to circumstances beyond our control. All tuition fees will be refunded in the event of cancellation. IPEBS liability is limited to only those tuition fees paid in advance.

FORCE MAJEURE: Except for the obligations to make money payments as outlined hereunder, neither party shall be responsible to the other for delay or failure to perform any of the terms and conditions, or other activities, of this agreement if such delay or failure is caused by strike, war, act of God, or force majeure.

REGISTRATION

Please print or type clearly & use separate form for each Participant.

Please visit www.ipebs.in for details on courses we offer and more updated information. You can also register online.

For applications by E-mail, please fill the form below and send to register@ipebs.in

Course Title: Offshore Pipelines Design, Construction & Operation

COURSE DATE: _____ COURSE LOCATION: _____

NAME: _____

QUALIFICATION: _____ WORK EXPERIENCE (if any): _____

JOB TITLE: _____ COMPANY: _____

ADDRESS: _____

CITY: _____ STATE: _____ POSTAL CODE: _____ COUNTRY: _____

PHONE: _____ FAX: _____ EMAIL: _____

In case of Emergency, contact

NAME: _____ PHONE: _____

ADDRESS: _____

EMAIL: _____

NOTE: Registrations are not confirmed until full payment is received, course confirmation will be sent via Email.

I, acknowledge to the terms & conditions of the organizer.

Date: _____

Signature: _____

IPEBS
#C block 204, 2nd Floor,
Mayur Kushal Complex,
Beside Chermas Showroom Abids,
Hyderabad-500001, A.P. (INDIA)
Tel: +91 - 040 -30623249
Mob: +91 - 9885946711

info@ipebs.in | www.ipebs.in