

REGISTRATION FORM

Name _____

(Please print)

Designation _____

Address _____

Telephone _____

Email _____

I wish to register for the Course at a cost of £850 + VAT (UK Only) including course material and course lunches.

I enclose a cheque for £850 + VAT

Please invoice me at the above address

Please send me information on local hotels

Disclaimer

All materials and information supplied during and associated with this course are intended purely for instructional purposes. Whilst every effort is taken to ensure that materials provided are accurate and suitable for training purposes, ASRANet Ltd accepts no responsibility for their accuracy or utility.

I accept the above.

Signature _____

Date _____

The completed form should send to:

ASRANet Ltd.

5 St Vincent Place, Glasgow, G1 2DH

Cost

The registration fee of the workshop will be £850+VAT (pound sterling) which includes course notes and lunches. You should make your own arrangements for accommodation.

Payment

Payments can be made by cheque (made payable to ASRANet Ltd.), cash or bank transfer but no card payments. Please enquire for details.

Venue

TBC

Tel: +44 (0) 141 275 4801

Fax: +44(0) 141 275 4800

Note

Please do not make your travel arrangements until you receive an Invoice from us.

Contact

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Advanced Analysis and Design of Offshore Structures

*(This course meets the requirement for
Continuing Professional Development (CPD)
of the
Royal Institution of Naval Architects (RINA))*

5-7 September 2017



(A Maritime Company for Courses,
Conferences & Research)

An ISO 9001:2008 certified company

Delft, Netherlands

PROGRAMME

Tuesday 5th September 2017

08.30-09.00	Delegate Registration
09.00-10.30	Lecture 1: Design of Columns & Beam Columns. <i>Prof Purnendu Das</i>
10.30-11.00	<i>Break</i>
11.00-12.30	Lecture 2: Analysis & Design of Stiffened Plate – I <i>Prof Purnendu Das</i>
12.30-13.30	Lunch
13.30-15.00	Lecture 3: Analysis & Design of Stiffened Plate – II <i>Prof Purnendu Das</i>
15.00 – 15.30	<i>Break</i>
15.30-17.00	Lecture 4: Analysis & Design of Stiffened Shells <i>Prof Purnendu Das</i>

Wednesday 6th September 2017

09.00 – 10.30	Lecture 5: Structural Reliability and Partial Safety Factors I <i>Prof Purnendu Das</i>
10.30 – 11.00	<i>Break</i>
11.00-12.30	Lecture 6: Structural Reliability and Partial Safety Factors II <i>Prof Purnendu Das</i>
12.30-13.30	Lunch
13.30 - 15.00	Lecture 7: Overview of Advances in Offshore Structure Design <i>Mr Trevor Hodgson</i>
15.00 - 15.30	<i>Break</i>
15:30 - 17:00	Lecture 8: Loads on Offshore Structures <i>Mr Trevor Hodgson</i>

Thursday 7th September 2017

09.00 – 10.30	Lecture 9: Structural Modelling of Fixed Platforms I <i>Mr Trevor Hodgson</i>
10.30 – 11.00	<i>Break</i>
11.00-12.30	Lecture 10: Structural Modelling of Fixed Platforms I <i>Mr Trevor Hodgson</i>
12.30-13.30	Lunch
13.30 - 15.00	Lecture 11: Other Types of Renewable Energy Structures <i>Mr Trevor Hodgson</i>
15.00 - 15.30	<i>Break</i>
15:30 - 17:00	Lecture 12: Secondary Structures & Installation <i>Mr Trevor Hodgson</i>

ABOUT THE LECTURERS:

Prof Purnendu Das. BE, ME, PhD, C.Eng, C.MarEng, FRINA, FIStructE, FIMarEST has been the Director of 'ASRANet Ltd' (an ISO 9001-2008 certified company) since February 2006. He retired as a Professor of Marine Structures in the Department of Naval Architecture & Marine Engineering at the University of Strathclyde, UK in September 2011. Past EU projects were MARSTRUCT (a network of excellence on Marine Structure) and SHIPDISMANTL (a cost effective and environmentally friendly dismantling of ship structures). Past industrial projects included work from the UK Health and Safety Executive (HSE), MoD UK, Subsea-7 UK, Shell, Woodgroup and US Navies etc. He was the principal investigator of many EPSRC projects. Before joining the University of Glasgow in 1991 he worked with British Maritime Technology as Principal Structural Engineer (1984-91). He is the author of more than 250 publications, including contract reports and more than 60 journal papers and is a member of the editorial boards of the 'Journal of Marine Structures', 'Journal of Ocean and Ship Technology' and 'Journal of Ocean and Climate System' and the Journal of Ship Mechanics amongst others. His areas of research include limit state design and analysis & reliability analysis of ship & offshore structures. Purnendu Das has wide ranging industrial and academic contacts and has advised and supervised 20 PhD students, to his credit. Details of visits and collaborations include his various sabbatical study periods spent at University of California, Berkeley, USA (July – September 1996), at Lloyd's Register of Shipping (August 1997), Kockums Ltd (July 1998) and spent some time at Instituto Superior Técnico (IST), Lisbon (July 2000). He is running about 20 CPD courses which are attracting many people from different industries. These courses are on 'Fatigue & Fracture Analysis', 'Ships at Sea', 'Advanced Analysis and Design of Offshore Structures', 'Offshore Floating System Design', 'Structural Response under Fire and Blast Loading' and 'Design of Pipelines and Risers' amongst others. He was a member of ISSC (International Ship and Offshore Structure Congress) for the periods of 1991-97 and 2003-

2006. He was a member of the OMAE (Offshore Mechanics and Arctic Engineering) Organising Committee on 'Safety and Reliability'. He is running about 15 bi-annual international conferences on various themes like Risk, Reliability, Advanced Analysis & Design of Engineering Structures, including marine structures. He was a member of the "Research Committee" of Structural Engineers (IStructE) during 2012-2015. He was a visiting Professor at IST Surabaya, Indonesia from July 2015 for one year. He is now a visiting professor at the Wuhan University of Technology, China from July 2016.

Mr Trevor Hodgson is in his second spell with Atkins, having been with them in total for well over thirty years. He has spent the majority of this time working in offshore-related areas, both in the technical execution of this work and in the management of teams of engineers to achieve specified goals. He has extensive experience of conceptual and detail design for jacket structures and topsides, including over thirty platforms in SE Asia, and concrete structures in the North Sea and worldwide. His experience encompasses both shallow and deeper water platforms of steel and concrete construction, drilling riser and conductor analysis, semi-submersible and FPSO vessels, high-speed aluminium surface craft, and even peer review for the nuclear industry. He has recently been involved in the development of concepts and detailed designs for the offshore renewable energy market, including wind, wave and tidal energy conversion devices, most recently Wind Turbine Generator (WTG) substructures.

He is highly experienced in the application and interpretation of advanced finite element analysis methods for the design process and has used this experience to great effect in the development and support of engineering software, primarily the ASAS: OFFSHORE suite for the oil and gas industry, now part of ANSYS. He is the author of numerous texts on structural design and analysis, was convenor of a panel covering Structural Analysis of Fixed Concrete Platforms for the ISO standard on offshore installations, and lectures for ASRANet and the Universities of Glasgow and Strathclyde on offshore structures and renewables.