DEPARTMENT OF APPLIED MECHANICS AND HYDRAULICS

NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL
P.O. SRINIVASNAGAR, MANGALURU – 575025, KARNATAKA, INDIA

Global Initiative of Academic Networks (GIAN)

Course Title	**Design and Analysis of Offshore Floating Wind Turbine**
	  
Course Modules	The course will cover following topics: • Introduction of Offshore Wind Energy • Fundamental concepts of conversion of wind energy • Concept of floating body dynamics • Numerical modelling of Floating Offshore Wind Turbine (FOWT) • Design of FOWT and wind energy system configurations • Coupled dynamic analysis of offshore floating wind turbine • Wind turbine installations and wind farms • Hands-on training on design and analysis of offshore wind turbine
Who should attend?	• Researchers from the discipline of Civil, Mechanical, Ocean Engineering and Naval Architecture. Practicing engineers from Offshore, Oil and Gas Industry and Port sector (both Private and Government) and Scientists from Government and Private organizations and R&D Laboratories • Students at all levels including BTech/MTech/PhD and faculty members from reputed academic and technical institutions.
Course Instructor	**Prof. Motohiko Murai** Department of Environment and System Sciences Graduate School of Environment and Information Sciences Yokohama National University 79-7, Tokiwadai, Hodogaya, Yokohama, Kanagawa, JAPAN 240-8501
Course Dates	3rd - 7th September 2019
Credit Course	1-Credit Course (Certificates and Grade sheet will be issued to participant)
Course Type	International
Venue	Marine Structure Seminar Hall, Department of Applied Mechanics and Hydraulics, NITK Surathkal
Course Coordinator	**Dr. Debabrata Karmakar** Assistant Professor Department of Applied Mechanics & Hydraulics, NITK Surathkal Mangalore – 575025, Tel: +91-824-2473319 (O), Mobile: +91-9449063749 Email: dkarmakar@nitk.edu.in

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Short-term Course on

DESIGN AND ANALYSIS OF OFFSHORE FLOATING WIND TURBINE

3rd - 7th September, 2019

Under

Global Initiative of Academic Networks (GIAN)

REGISTRATION FORM

Name:	
Designation:	
Department:	
Academic Degree:	
Date of Birth:	
Address for communication:	
Phone No:	
E-mail address:	
Accommodation required?	

PAYMENT DETAILS

DD in favour of the Director, NITK, Surathkal, payable through any Nationalized Bank at Surathkal/ Mangaluru.

Amount: (Rs)		*DD No. and Date:*		*Bank Name:*	

Category of participant:

- ❑ *Faculty/Student/Research Scholar of NITK*
- ❑ *Faculty/Student/Research Scholar of other Institution*
- ❑ *Industry Participant*
- ❑ *Foreign Participant*

DECLARATION BY THE PARTICIPANT

The information furnished above is true to the best of my knowledge. I agree to abide by the rules and the regulations governing the GIAN–MHRD Course and I will attend the course for entire duration.

Date: *Signature of Applicant*

Place:

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HOW TO REGISTER?

Stage – 1: Web (Portal) Registration:

Visit GIAN Website at the link: **http://www.gian.iitkgp.ac.in/GREGN/index** and create login **User ID** and **Password**. Fill up the blank registration form and do web registration by paying **Rs. 500/-** online through **Net Banking/Debit/Credit card**. This provides him/her with life time registration to enroll in any number of the GIAN courses offered.

Stage – 2: Course Registration (Through GIAN Portal):

Log in to the GIAN portal with the user ID and Password created. Click on "Course Registration" option given at the top of the registration form. Select the Course titled "**Design and Analysis of Offshore Floating Wind Turbine**" from the list and click on "**Save**" option. Confirm your registration by clicking on "**Confirm Course**".

Stage – 3: Payment of Registration Fee (NITK Surathkal):

DD in favour of the Director, NITK, Surathkal, payable through any Nationalized Bank at Surathkal/ Mangaluru based on the category of participants.

- Participants from abroad : US $250
- Participants from Industries/research organizations : Rs. 5000/-
- Faculty from Academic institutions : Rs. 3000/-
- Students of M.Sc./M.Tech./Ph.D. : Rs. 1000/-

No registration fee for students & faculty of NITK, Surathkal

The registration fee includes instructional materials, tutorials, laboratory and computer use, free internet facility, mid-sessions tea & snacks. The participants will be provided accommodation on payment basis.