

# Higher Education and Research collaboration on Nanomaterials for Clean Energy Technologies (HRNCET) (2017-2021)



University of  
Jaffna



Western Norway  
University of  
Applied Sciences

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**Expert talk under HRNCET & CBERC Projects**

## An Introduction to Offshore Oil and Gas Industry

**SUTHARSAN VIVEKANANTHAN**

**MEng (Chemical Engineering, Imperial College, London)**

Chartered Chemical Engineer (CEng) - UK

*Study Manager / Senior Project Engineer, Citec Norway AS*

**Abstract of the talk:** More than two thirds of the earth's surface is covered in water. This explains why that about a third of oil and gas is produced at sea (referred to as Offshore) and not just at land (referred to as Onshore). However the Offshore production is much more technically demanding than Onshore production. The reason for this is that fixed platforms or other floating installations are needed to reach the reservoirs under the seabed and carry out drilling and production activities. These offshore oil & gas production facilities are some of the most extreme workplaces in the world. This presentation will give a short introduction about the basics of offshore oil & gas production, using Norwegian oil and gas sector as an example.

**Venue** : Mini-Auditorium, Department of Physics

**Date & time** : July 10, 2018 (Tuesday), 12:00 - 14:00

**Target group:** Researchers and Final year students in Faculties of Science and Engineering

### Brief profile of the speaker

Suthan Vivekananthan has over 16 years of experience in process system design and analysis in the fields of Offshore and/or Onshore engineering projects relating to oil & gas production as well as good exposure to renewable energy sector.



- Extensive experience as Interface Engineer, coordinating multidiscipline teams to ensure smooth delivery.
- Long experience working with Greenfield projects for the Norwegian Continental shelf. Possesses good knowledge about relevant regulatory requirements and design specifications such as NORSOK, DNV-GL and API.
- Worked at following International companies: Jacobs Engineering, London, UK, Aker Solutions, Oslo, Norway, Genesis Oil and Gas Consultants, Oslo, Norway, Citec Norway (Present employer).