FALL 2017!

PRACTICAL ASPECTS OF INTEGRATED PETROLEUM RESERVOIR MANAGEMENT

BRINGING **VALUE** TO THE ENERGY INDUSTRY AND EMERGING AS *the* **ENERGY UNIVERSITY**

In Fall 2017, the UH College of Engineering will offer a petroleum engineering course on **practical aspects of integrated petroleum reservoir management (IRM)** at the University of Houston's main campus in Houston, TX.

Taught by world-renowned reservoir management expert **Dr. Ganesh Thakur - NAE**, the course is designed to build research skills and to **prepare participants to work in multi-disciplinary teams (MDT), develop skills needed to work in oil and gas companies, and service industry**.

The 3-credit hour course is open to PhD and Advanced MS students with engineering, geoscience, energy, and business management backgrounds. Additional students may be accepted with prior program approval.

To apply, send resumes to lpfinnel@uh.edu

LECTURE TOPICS:

- Intro – What is Integrated Reservoir Management?
- Reservoir Management Concept
- Integrated Technology – Geoscience, Engineering
- Data Acquisition, Analysis and Management
- Integrated Reservoir Model
- Infill Drilling and Well Types
- Production Performance Analysis and Forecasting
- Economics - Critical to RM Success
- Surveillance, Analysis and Optimization
- Applications of Improved Recovery Processes
- Interpersonal Skills
- Case Studies from Literature (Deep Water, Conventional and Unconventional Fields)

HIGH IMPACT TEAM PROJECT:

MDT working on actual oil and gas field data by incorporating the above topics. Develop recommendations on development plans as a result of efforts typically required in oil and gas companies.

WHAT STUDENTS ARE SAYING...

".....the course is excellent. I feel fortunate to be able to attend it. The material is highly relevant, very well taught in a very pleasant and elegant way. It is an honor to be taught by Dr. Ganesh. ....."
- A. Simone

"I am grateful to study such a different aspect of petroleum engineering, which I did not expect in my engineering (program)" - Anonymous

"The course covers a wide range of topics related to reservoir management, from geology and petrophysics to waterflooding and economic evaluation. I kept my mind open all the time because I was working and discussing with a group of experienced people with different backgrounds. A great course!". - J. Chen

"Overall, a very good class – excellent learning from the professor" - A. Selveindran

"Really like when the professor supports his answers with real-life experiences. A very well structured course." - Anonymous

"Very happy about learning about so many different disciplines and learning how these disciplines affect each other's decisions."
- Brian Joslin, Business School Graduate Student

"Excellent learning.....the case study discussions are very thought provoking."
- Anonymous