

KNUST Petroleum Engineering Consortium (KPEC)



Petroleum Engineering Department at Kwame Nkrumah University of Science and Technology is pleased to welcome you to the KNUST Petroleum Engineering Consortium (KPEC).

SUITABLE FOR

Exploration & Production and service companies active in Ghana.

OBJECTIVES

The objective of the consortium are:

- o Develop specific workflow for different experimental research based on the partners needs.
- o Short and long term collaboration with the partners through conducting research projects.
- o Focus on experimental research necessary for upstream oil and gas in Ghana.

THE WAY OF COLLABORATION

- o Sponsorship for KPEC can be in the form of gift contributions or research contracts.
- o The project plan could be jointly developed between KPEC and sponsoring organization.
- o Possibility for sponsor to pay part of the fees in the form of scholarship for student(s).

For more details and registration please send email to hkarimaie@knust.edu.gh



WHAT IS KPEC?

KNUST Petroleum Engineering Consortium (KPEC) established in faculty of engineering to focus on developing capacity for the petroleum department in order to conduct high level research and services to upstream oil & gas industry in Ghana. The consortium will integrate theoretical and experimental frontier research from drilling, PVT, core, EOR, production and other disciplines for optimum results. The consortium is able to conduct frontier research based on the area's of interest of the partners and offering solution for the field related problems.

WHAT CAN KPEC DO FOR YOU?

- o Offering solutions for Green and Brown field
- o Experimental research using high standard equipments
- o Offering special solution for oil field problems
- o Integrating experimental and numerical research to offer the best solution
- o Short and long term research based on the immediate and foreseen industry needs
- o Focus on multi-disciplinary research in the field of petroleum engineering.
- o Identification of the key technology gaps with input from the project sponsors
- o High level of research on conventional reservoirs (e.g. carbonate, clastic, deep waters) and unconventional reservoirs (shales, tight sands, heavy oils, and geothermal)

BENEFITS TO SPONSORS

- o Having access to frontier research outcome and technical reports in sponsor's area of interest.
- o Conducting low-cost desired research and service without outsourcing to other companies out of Ghana.
- o Possibility to contribute in the project and publications.
- o Networking with other partners, attend in the short courses for free and having a chair in the board.
- o Having priority to access to the best talented students in different disciplines.