

# Laboratory Brochure for PSE



## Department of Petroleum Science and Engineering (PSE)

### PETROLEUM LABORATORY



#### About the Laboratory

Our Petroleum laboratory has a modern equipment for core and petroleum fluids analysis at room and elevated conditions. It is operated at strict safety and quality control guidelines.

Our technical staff are highly trained and have vast experience on petroleum related analysis to challenge the results obtained from the experiment. Before experimental findings are provided to our clients, they are approved by a qualified academic staffs, therefore results obtained are the most accurate and reliable.

We ensure frequent calibrations of our equipment to minimize any measurement uncertainties.

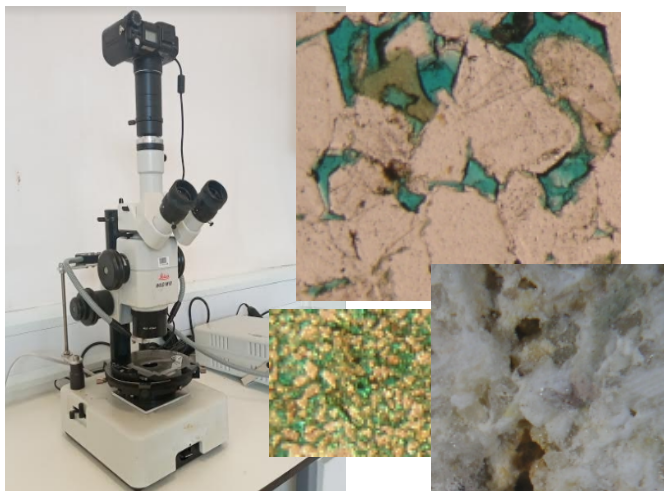


#### Our Services



*Core Cleaning and Preparation*

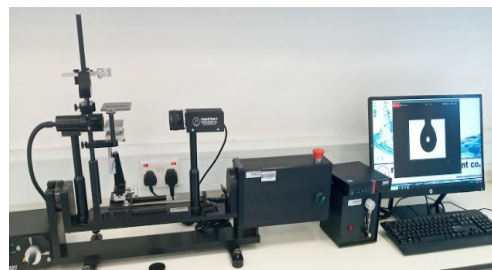
## Our Services



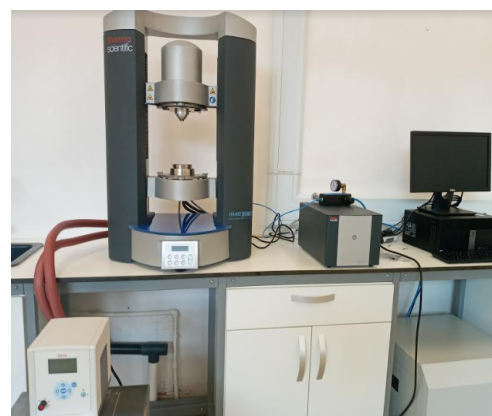
*Core Characterization*



*Porosity, Permeability measurement  
and Core Flooding*



*Contact angle, Surface  
tension measurement*



*Rheological Properties  
measurement*



*Viscosity measurement*

**Petroleum related experiments  
which can be performed in other  
Laboratories at the department:**

- ✓ Flash point
- ✓ Pour point
- ✓ Total Acid Number
- ✓ Asphaltenes
- ✓ Water Content
- ✓ Sulphur content
- ✓ Octane number
- ✓ Ash content
- ✓ Liquid Density
- ✓ Condensate and oil compositional analysis
- ✓ Drilling Fluids Analysis



**For More Information, please contact:**

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