



University of Mosul  
College of engineering  
Mechanical department

# Fluid laboratory

## **Laboratory objective :**

The laboratory's work is summarized in conducting experiments in fluids for years, as well as project and postgraduate students in the second and third students

## **Main Laboratory equipments :**

- 1- water-oil pumps assembly testing
- 2- flaw visualization channel
- 3- Pelton turbine

## **Names of experiments :**

- 1- Adiabatic Index
- 2- Engine models
- 3- Flow models
- 4- Subsonic of wind tunnel (I) and (II)
- 5- Pelton wheel



## **Lab workers staff:**

<b>NO.</b>	<b>Name</b>	<b>Mission</b>	<b>Certificate</b>
1	<b>Ass. Prof. Dr.Taha Ahmed Abdulla</b>	<b>Laboratory supervisor</b>	<b>Ph.D. in Mechanical engineering</b>
2	<b>Shaimaa jassim muhammad</b>	<b>Laboratory technical officer</b>	<b>Bachelor's degree in mechanical engineering</b>
3	<b>Dr Anwar Mustafa Muhammad</b>	<b>Phase III trials</b>	<b>Ph.D. in Mechanical engineering</b>
4	<b>Dr Ammar Younis AL-Rawi</b>	<b>Phase II trials</b>	<b>Ph.D. in Mechanical engineering</b>
5	<b>TA. Eman Muhammad Ali</b>	<b>Phase III trials</b>	<b>Master's degree in mechanical engineering</b>