



جامعة الموصل
كلية الهندسة
قسم الهندسة الميكانيكية

Applied Mechanics Laboratory

Laboratory objective:

The laboratory's work is summed up by conducting experiments on the subject of dynamics and machine mechanics for students in the second and third years, and for project and postgraduate students.

Main laboratory devices:

- 1-Universal beam
- 2-Fly wheel
- 3-Rope belt friction
- 4-Strut loading
- 5-Slipping friction
- 6-Centrifugal force measurement
- 7-Dynamic balancing
- 8-Governor
- 9-Gyroscopic
- 10- Buckling apparatus
- 11- strain meter

Experiment names:

- 1-Universal beam
- 2-Fly wheel

- 3-Rope belt friction
- 4-Strut loading
- 5-Slipping friction
- 6-Centrifugal force measurement
- 7-Dynamic balancing
- 8-Governor
- 9-Gyroscopic effect



Lab workers staff:

No.	name	Functional tasks	Certificate
.1	Bakr Nouri Khadr	Laboratory Supervisor	Master of Mechanical Engineering
.2	THKRA YASIN SAEID	Laboratory technical officer	Bachelor of Mechanical Engineering
.3	Tariq Muhammad Saeed	Teaching in the laboratory	Master of Production and Metals
.4	Zenaa Muyaser Abid	Teaching in the laboratory	Master of Production and Metals
.5	Omar Abdulrahman	Teaching in the laboratory	Master of Applied Mechanics

