

Inauguration of the new Engineering Mechanics laboratory

The inaugural function of Engineering Mechanical Laboratory was done by the Dean, FET, Professor Pankaj Madan on 28/07/2022. The event was organized under the supervision Mr. Sanjeev Kumar Lambha, In-charge & Assistant Professor, Mechanical Engineering Department. This laboratory was established under the coordination of Mr. Kapil Dev Sharma, Assistant Professor, Mechanical Engineering Department.

Prof. Pankaj Madan, Dean, FET discussed about the importance of Engineering Mechanics Laboratory for students. The resource person Mr. Sanjeev Kumar Lambha gave a detailed presentation on why and how this laboratory is important for Engineering students. Total of seven equipment has been bought for this lab.

Laboratory apparatus are:

1. Screw Jack Apparatus (Used to lift heavy objects though smaller effort)
2. Flywheel Moment of Inertia Apparatus (Used to determine the moment of inertia of a flywheel)
3. Jib and Crane Apparatus (Used to study forces in members of Jib Crane)
4. Parallelogram Force Table Apparatus (Used to verify Lami's Theorem)
5. Universal Force Table Apparatus (Used to determine the resultant of two or more forces acting on an object)
6. Coefficient of Friction Apparatus (Used to measure the coefficient of friction of different rough Surfaces)
7. Deflection of Beam Apparatus (Used to determine the deflection of a simply supported beam under the action of loads)

Dr. Vipul Sharma (HOD and Associate Professor, ECE Department), Dr. Mayank Agarwal, (HOD and Associate Professor, CSE Department), Dr. Sunil Pawar (HOD and Associate Professor, Applied Science), Dr. M.M. Tiwari (Associate Professor, Applied Science), Mr. Gajendra Sing Rawat (In-charge & Assistant Professor, EE Department), Dr. Jasbir Singh, Dr. Sunil Kumar, Mr. Rishi Kumar Prajapati, Mr. Kapil Dev Sharma, Mr. Yogesh Kumar, and Mr. Mayank Pokhriyal, and all Lab technicians and attendants were attended the session.





