Bipin Tripathi Kumaon Institute of Technology

TOM & Design Lab

Sl. No.	Name of Machine/Equipment	Photo
1	CAM Analysis Apparatus	
2	Universal Governer Apparatus	
3	Motorized Gyroscope	
4	Static & Dynamic Balancing Apparatus	

5	Universal Vibration Test Machine	
6	Whirling of Shaft Apparatus	
7	Epicyclic Gear Apparatus	
8	Corilis Component of Acceleration Apparatus	
9	Strain Rosettes Apparatus	

10	Slip & Creep Measuring Apparatus	
11	Model of Single Plate Clutch	
12	Model of Double Plate Clutch	
13	Journal Bearing Apparatus	

14	Crank & Slotted Lever Mechanism	
15	Elipse Tracer Model	
16	Four Bar Link Mechanism	
17	Inversion of Four Bar Link Mechanism	
18	Kinematics Pair	

19	Panthograph Mechanism	
20	Peaucellier Mechanism	
21	Watt Mechanism	
22	Slotted Link Bar Mechanism	
23	Crank Drive to Oscillating Link Mechanism	

24	Reciprocating Engine Mechanism		
25	Oscillating Cylinder Mechanism		
26	Witworth Quick Return Mechanism		
27	Single Stage Spur Gear With Intermediate Gear		
28	Two Stage Spur Gear		
29	Cyclodial Gears		
30	Compound Gear Train		

31	Three Stage Spur Gear		
32	Internal Gear with Pinion Drive		
33	Rack & Pinion Gear		
34	Bevel Gear		
35	Rack & Quadrant Gears		
36	Sliding Wedge Gear with Straight Line		

37	Model of Pelton Turbine	
38	Model of Francis Turbine	
39	Model of Centrifugal Pump	
40	Model of Reciprocating Pump	
41	Model of Hydraulic ram	

42	Model of Gyroscope	
43	Gear Set	
44	Model of Multiplate Clutch	
45	Model of single shoe brake	
46	Model of double Shoe Brake	

47	Bearing Set