LAB REPORT # 04	
Title:	
Title:-  Kinetic friction force.  Experiment:-  Find the coefficient of	
Experiment:	
find the coefficient of	
Kenetic Siction of to Uning moving	
Objective: an inclined plain.	
Experiment:  Find the coefficient of the entire to the plain.  body on an inclined plain.  Objective:  The objective of this experiment is to the coefficient.	
The objective of this ex- periment is to find the coefficien	P
periment is to pind the coefficien Apparatus:	
- Wooden Box.	
- Metallic sphere.	
- Incline plane with dogree Scale.	
magnetic board.	
- Mooden Box.  - Metallic sphere.  - Incline plane with dogree scale.  - Magnetic Board.  - Meter stick.  - Stop Watch.	
Procedure :-	
. First place the incline plane pop	

2. Then put the wooden box on incline plane and start moving it.

3. Then note the angle and time,

from the point where object started moving, note the time on stop watch and then note the time where the object stops moving. After that calculates the acceleration por coefficient of Kinetic friction. Take two readings of both wooden box and metallic sphere Repeat the same steps for motallic and Calculate the average of both two readings of wooden box and Metallic box Conclusion :-The coefficient of Kinetic friction of worden box is 0.8375

The coefficient of Metallic friction is 0.01385

	1.	41 1	Time	A	Mr. gsind - b
Sy	obj	\$(m)			9001 0
		0.253 m	0.67s	41	0.822
	wood		1.09		0.853
5 + No	obj	5(m)	Time 0	Acre	Mr. gino
01	Metallic Sphere	0.253m 1	.94s I	0.134ms <sup>2</sup>	3
02	metal	0.253m 10	78s 2°		2 0.01
		wooden:-	= 0.832	+0.853	dy
			$= 3.77 \times $	2	^