

# Maharaja Ranjit Singh Punjab Technical University, Bathinda

## Name of Work:

Purchase of Apparatus for Theory of Machine Lab PIT GTB Garh

Name of Agency		Qty.	Unit
Sr. No.	Description of Item	Qty.	Unit
1	To draw displacement, velocity & acceleration diagram of slider - crank and four bar mechanism. Single Slider Crank Mechanism Model:- GN 7555	1	No.
2	Conduct experiments on various types of governors and draw graphs between height and equilibrium speed of a governor. Universal Governor Apparatus (3 Nos. Different Type) Model:-GN 7501	1	No.
3	Determination of gyroscopic couple (graphical method). Motorized Gyroscope Model:-GN 7502	1	No.
4	Balancing of rotating masses (graphical method). Static & Dynamic Balancing Apparatus model:- GN 7520	1	No.
5	Cam profile analysis (graphical method) Cam Analysis Machine (3 Nos. Different Type) Model:-GN 7508	1	No.
6	Determination of gear- train value of compound gear trains and epicyclic gear trains. Epicyclic Gear Train Apparatus Model:-GN 7510	1	No.
7	To draw circumferential and axial pressure profile in a full journal bearing. Journal Bearing Apparatus Model:- GN 7513	1	No.
8	To determine coefficient of friction for a belt-pulley material combination. Coefficient of Friction between Belt and Pulley Model:- GN 7507	1	No.

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