



PTU

Department Of Mechanical Engineering

I.K. Gujral Punjab Technical University (Main Campus), Kapurthala

ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ
Estd. Under Punjab Technical University Act, 1996
(Punjab Act No. 1 of 1997)

Ref. No. IKGPTU/ME/ 5750

Dated 08-08-2025

To
Deputy Registrar (ITS),
For uploading on IKGPTU Website

Subject: Quotation for Applied Thermodynamics Lab. of IKGPTU, Main Campus

The I.K. Gujral Punjab Technical University (The State Technical University) intends to purchase equipments of Applied Thermodynamics Lab. of Department of Mechanical Engineering inviting sealed quotations. Therefore, you are requested to send the sealed quotation of the items by quoting lowest rates (inclusive of GST). The quotations must reach in the office of Registrar, I.K. Gujral Punjab Technical University, Kapurthala-144603 by 18.08.2025 upto 11:00AM.

The quotations will be opened at 02:00 PM on 18.08.2025 in the office of Head of Department, Department of Mechanical Engineering, I.K. Gujral Punjab Technical University, Kapurthala. The officer or your representative may be present at the time of opening of the quotations. If Government declares holiday on 18.08.2025 the quotation will be opened on the next working day. The Supply order will be placed to the firm offering lowest rates (item wise)

Specifications of the items as per attachment Annexure-A.

Terms & Conditions:

1. The Items to be delivered at I.K. Gujral Punjab Technical University, Store & Purchase Department within 90 days issuing of the supply order.
2. No Advance payment will be made.
3. Payment will be released after inspection of the delivered goods/items and on receipt of the Satisfactory report.
4. The university will not be paying anything extra as the rates invited are inclusive of GST.
5. Please subscribe in the envelop 'Quotation of Applied Thermodynamics Lab. for Department of Mechanical Engineering, IKGPTU main Campus' as it is to be opened by committee only.

(Dr. Balkar Singh)

HoD (Department of Mechanical Engineering)

Copy to:-

1. The Registrar of kind information
2. DR (S&P)
3. Office Copy

"Propelling Punjab to a Prosperous Knowledge Society"



I. K. Gujral Punjab Technical University

Jalandhar-Kapurthala Highway, Kapurthala-144 603

Email: hodme@ptu.ac.in Website: www.ptu.ac.in

ANNEXTURE-A
(APPLIED THERMODYNAMICS LAB ITEMS)

Sr. No.	Name of Equipment	Qty.	Detail Specifications
1.	Cut Section Model of Actual Single Cylinder Two Stroke Petrol Engine for Plotting Port Timing Diagram.	1	<ul style="list-style-type: none"> • With Carburetor, spark plug etc. • Complete with all salient parts sectioned for study of the various components and their function and to plot port-timing diagram on the single cylinder two-stroke petrol engine. • An ENGLISH instruction manual consisting of experimental procedures, block diagram etc. • Set up should be mounted on rigid structure painted with industrial PU paint.
2.	Cut Section Model of Actual Single Cylinder Four Stroke Petrol Engine for Plotting Valve Timing Diagram	1	<ul style="list-style-type: none"> • With Carburetor, spark plug, Valve mechanism etc. • Complete with all salient parts sectioned for study of the various components and their function and to plot valve timing diagram on the single cylinder four-stroke petrol engine. • An ENGLISH instruction manual consisting of experimental procedures, block diagram etc. • Set up should be mounted on rigid structure painted with industrial PU paint.
3.	Cut Section Model of Actual Multi Cylinder Four Stroke Petrol Engine for Plotting Valve Timing Diagram	1	<ul style="list-style-type: none"> • With Carburetor, spark plug, Valve mechanism etc. • Complete with all salient parts sectioned for study of the various components and their function and to plot valve timing diagram on the multi cylinder four-stroke petrol engine. • An ENGLISH instruction manual consisting of experimental procedures, block diagram etc. • Set up should be mounted on rigid structure painted with industrial PU paint.
4.	Cut Section Model of Actual Single Cylinder Four Stroke Diesel Engine for Plotting Valve Timing Diagram	1	<ul style="list-style-type: none"> • With injector, fuel pump, fuel filter, lubrication oil pump, air cleaner, silencer, governor, valve mechanism etc. • Must complete with all salient parts sectioned for study of the various components and their function and to plot valve-timing diagram on the single cylinder four stroke diesel engine. • An ENGLISH instruction manual consisting of experimental procedures, block diagram etc. • Set up should be mounted on rigid structure painted with industrial PU paint.

ANNEXTURE-A
(APPLIED THERMODYNAMICS LAB ITEMS)

5.	Cut Section Model of Actual Multi Cylinder Four Stroke Diesel Engine for Plotting Valve Timing Diagram	1	<ul style="list-style-type: none">• With injector, fuel pump, fuel filter, lubrication oil pump, air cleaner, silencer, governor, valve mechanism etc.• Must Complete with all salient parts sectioned for study of the various components and their function and to plot valve-timing diagram on the multi cylinder four stroke diesel engine.• An ENGLISH instruction manual consisting of experimental procedures, block diagram etc.• Set up should be mounted on rigid structure painted with industrial PU paint.
----	--	---	--

R

BM