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DAKSHINESWAR RAMKRISHNA SANGHA ADYAPEATH  
**ADYAPEATH ANNADA POLYTECHNIC COLLEGE**

(Sponsored by Govt of West Bengal)

50, D.D. MONDAL GHAT ROAD, DAKSHINESWAR, KOLKATA-700 076

Ref. No. AAFC/07/1042/2022

Date 22/09/2022

NOTICE INVITING TENDER

Sealed Tenders are invited by the Principal Adyapeath Annada Polytechnic College (Govt. Sponsored) from bonafide Agency / Supplier for repair/overhauling of Training Equipments for the college.

The Tender documents are available at the college website ([adyapeathannadapolytechnic.com](http://adyapeathannadapolytechnic.com)).

The Last date of submission of Tender is 17<sup>th</sup> October 2022 up to 4.00 pm.  
The offer of tender has to drop at the Tender Box at the College (between 26/09/2022 & 29/09/2022 and also 11/10/2022 & 17/10/2022).

  
22/9/2022  
Principal

Principal  
Adyapeath Annada Polytechnic College (Govt. Sponsored)  
Dakshineswar Ramkrishna Sangha  
Adyapeath, Kolkata-700076

**ADYAPEATH ANNADA POLYTECHNIC COLLEGE (Govt. Sponsored)**

50, D.D.Mondal Ghat Road, Dakshineswar, Kolkata - 700076

**TERMS AND CONDITIONS THE VENDOR / TENDERER**

1. The duly sealed Quotation is to be addressed to the Chairman, Adyapeath Annada Polytechnic College (Govt. Sponsored).
2. The quotation form shall be duly signed and submitted by the tenderer.
3. Latest GST registration certificate, Trade License, Income tax, P. Tax clearance, PAN. and as well as other credentials if any should be enclosed with the quotation.
4. The Works / Items have to be supplied / completed as per specification given within stipulated period.
5. The rates should include all cost of work / items including materials, labour, transportations, installation charge, taxes and others if any. No extra amount other than the quoted rate will be paid for any reason whatsoever.
6. The Purchase Committee reserves the right to accept or reject any or all the quotations without showing any reason thereof.
7. Acceptation and Work Order for the all the items of the quotation is not also guaranteed.
8. Any counter conditions may not be accepted and in that case the bid is liable for rejection.
9. Period for validity of the tender shall be 01 (one) year from the date of publication of Tender Notice.
10. Completion of work should have to be within 04 (four) weeks from the date of receipt of the work order.
11. The authority reserves the right to split the order among different parties.
12. Payment will be made against the bill as per prevalent rules/ norms.
13. Supplier should submit their bill in triplicate along with a copy of delivery challan / receipt certificate duly signed and stamped by the supplier / vendor.
14. Total tender value should not exceed Rs. 01 (one) lakh.
15. The tenderer have to be submit a signed declaration in its company letter pad as follows:-

Declaration: - I/we agree to abide by the terms and condition specified by the institute in full.

Date:

Place:

Signature of the tenderer with seal

**Adyapeath Annada Polytechnic College (Govt. Sponsored)**

50, D.D. Mondal Ghat Road, Dakshineswar, Kolkata- 700076

**Department of Mechanical Engineering**

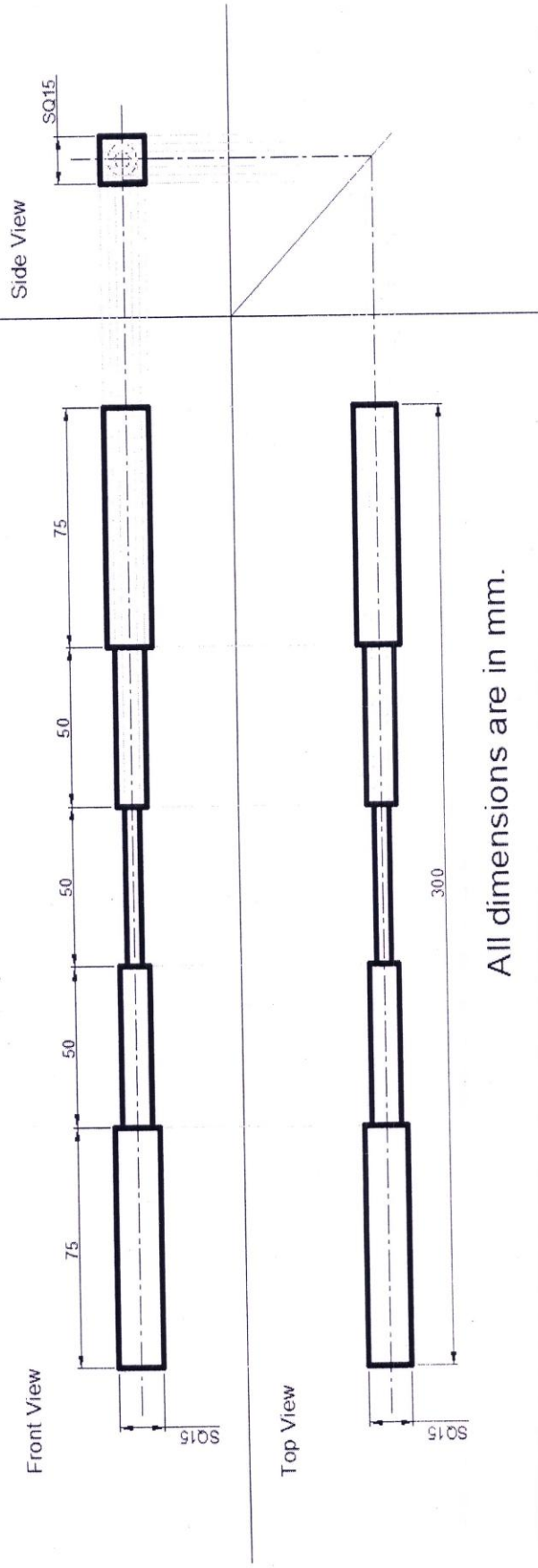
**Repair**

Sl. No	Item Description	Repair	Replace
<b>Carpentry Workshop</b>			
1	Bench Vice for Carpentry Workshop	17 Nos	3 Nos
<b>Material Testing Lab</b>			
2	Torsion Testing Machine	Display Problem	NA
<b>Machine Tools Shop</b>			
3	Shaping Machine	Quick Return Mechanism Not Working	NA
<b>Thermal and Power Engineering Lab</b>			
4	Stefan Boltzmann's Apparatus	Not working	NA
5	Bomb calorimeter Apparatus	Not working	NA
5	Hydro electric power pump model	Issue with Motor	NA
6	Reciprocating compressor	Overhauling Needed	NA
<b>Refrigeration and Air Conditioning Lab</b>			
7	Refrigeration Tutor	Overhauling Needed	NA
8	Air conditioning Tutor	Overhauling Needed	NA
9	Vapor Compressor Test rig	Overhauling Needed	NA
10	Refrigeration Demonstration Test Rig	Overhauling Needed	NA



# Anexure I

## Specimen for Torsion Test



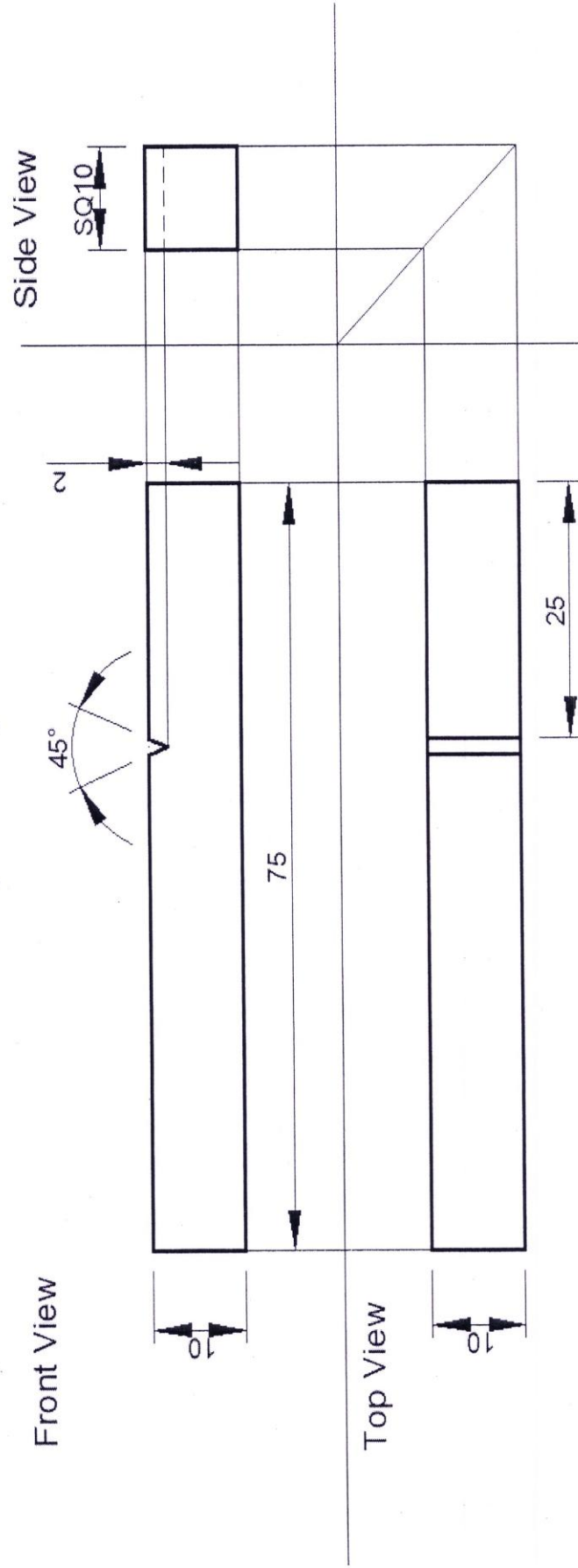
All dimensions are in mm.





# Anexure II

Specimen for Impact Test  
(Izod Test)

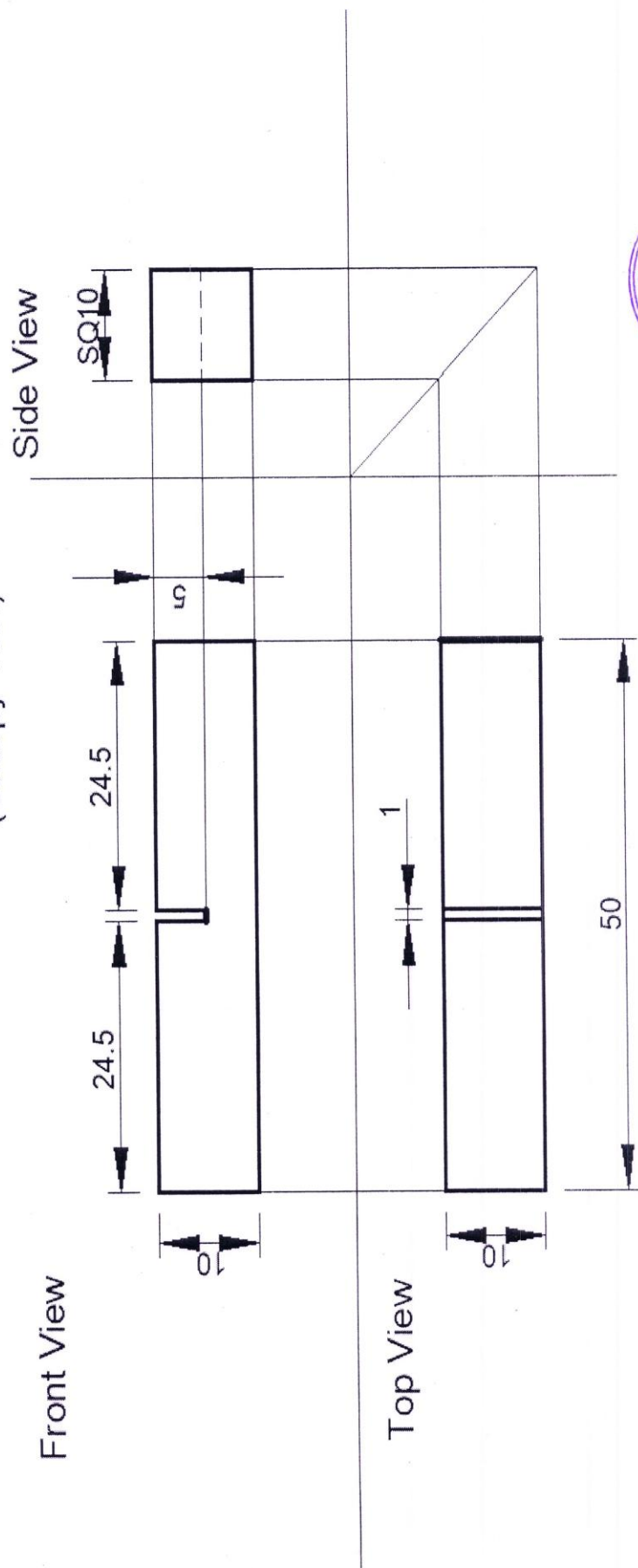


All dimensions are in mm.



# Anexure III

Specimen for Impact Test  
(Charpy Test)

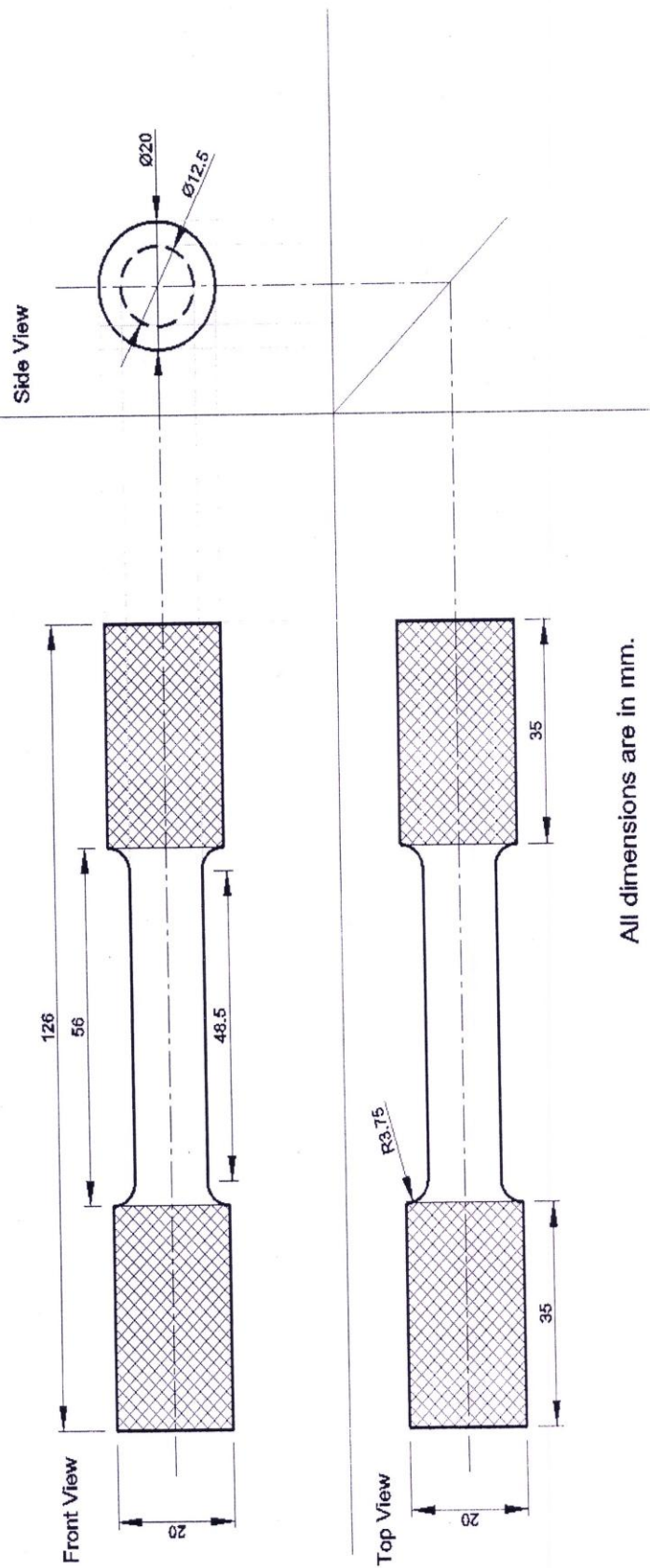


All dimensions are in mm.



# Anexure IV

Specimen for Tensile Test in UTM



All dimensions are in mm.



# Adyapeath Annada Polytechnic College (Govt. Sponsored)

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## Department of Mechanical Engineering

### Purchase

#### Manufacturing Process Lab

SL.N o.	ITEM DESCRIPTION	QTY
1	Hydraulic Oil	5 lit
2	Multipurpose 1/2 Pint Oil Pan (for Lubricating Machine)	2 nos
3	Sand Paper [No 120 grit]	30 nos
4	Sand paper [40-60 grit]	30 nos
5	TIG Electrode 3.2mm Diameter	1 packet (10 pieces)
6	CO2 Gas with Cylinder (Bharat Motors and Compressors Ltd.)	7 m <sup>3</sup>
7	Refilling of Argon Gas	7m <sup>3</sup>
8	Ceramic Cup for TIG Welding Torch	10 nos
9	Power Hack Saw Blade	4 nos
10	Mild Steel Block [Length-150mm, Height-80mm, Width-80mm].	50 nos
11	Wooden Block for Carpentry Shop [ Height-100mm, Width-100mm & Length- 2000]	100 nos
12	Long & Hard Bristle Carpet Cleaning Brush (with Handle)	04 nos
13	Double End Open Jaw Spanner Set (18-32) mm	04 set
Total		

#### Material Testing Lab

SL.N o.	ITEM DESCRIPTION	QTY
1	Torsion Testing Machine Specimen (Drawing is given in Anexure I)	50 nos
2	Izod Testing Specimen (Drawing is given in Anexure II)	50 nos
3	Charpy Testing Specimen (Drawing is given in Anexure III)	50 nos
4	Mild Steel Block (Length - 50mm, Width - 50mm, Height 30mm)	20 nos
5	Aluminium Block (Length - 50mm, Width - 50mm, Height 30mm)	20 nos
6	Tensile Test Specimen (Drawing is given in Anexure IV)	50 nos
Total		

