



# GOVERNMENT POLYTECHNIC, KHAMGAON

WINNER OF ISTE-NARSEE-MONJEE AWARD-2000

☎ (07263) 56644 (O), 54609 (R), Fax - (07263) 52278

E-mail: [gpolykhamgaon@rediffmail.com](mailto:gpolykhamgaon@rediffmail.com)

Gram:- POLYTECH

Corrigendum 1 No. : GPK /Store/inst purchase/ETX/2019-20/26

Date:02 /01/2020

Dear Sir ,

Please refer above cited enquiry letter of this Institute towards the supply of Machinery and Equipment and **kindly note the updates shown in column no 5** and do needful accordingly. The estimated cost shown in column 5 is inclusive of all taxes , GST, transportation , handling, etc. (inclusive of all).

Sr. No.	Name of the item with specification		Quantity required	Estimated Cost per item in Rs.
	Name of the item	Specification		
1	2	3	4	5
1.	Development Board With ATMEGA 16	Microcontroller: ATMEGA16 with 11.0592MHz crystal Power: 7 to 15V, AC or DC, Heat sink on 7805 for better current rating with Reverse polarity protection Boot, Reset and Power switches,RS232 serial interface, 10 pin FRC connectors and soldering pads on all ports, Compatible with General purpose prototyping board for development board for stackable design and Application examples with documentation CD	02	10000
2.	Transient Analysis Of RC/RL Circuit Trainer Kit	Experiments:-1-Study the Transient Response of a series RC circuit and Understand the time constant concept with DC power supply 2-Study the Transient Response of a series RL circuit and Understand the time constant concept with DC power supply 3-Study of Transient Response of RC/RL circuit with signal generator Setup Includes :- >Experiment Trainer Board that Contains:- 1.Power Supply : 5 V DC 2.Signal Generator : 100 Hz 3.Various test point >Connecting Patch Cords >Product tutorials	02	5000
3.	Transient Analysis Of RLC Circuit Trainer Kit	Experiments:- Study the transient response of series of RLC circuit with TTL for under damped, critically and over damped cases  Setup Includes :- >Experiment Trainer Board that Contains:-	02	5000

		<p>1.Signal Generator : 100 Hz</p> <p>2.Potentiometer : 100 K</p> <p>3.Various test point</p> <p>&gt;Connecting Patch Cords</p> <p>&gt;Product Tutorial</p>		
4.	Solar PV Characterization Kit	<p>Trainer kit for Identifying and measuring the parameters of a solar PV module in LAB, Series and Parallel Connection of PV modules, Estimating the effect of sun tracking on energy generation by solar PV modules, Voltage :12V Power:50 watt With user manual</p>	02	<b>10000</b>
5.	Trainer Kit For Anemometer For Wind Speed Measurement	<p>Start wind speed (m/s) 0.4 – 0.8</p> <p>Effective measurement range 0-30m/s</p> <p>Transmission distance (m) &lt; 700</p> <p>Max Wind Speed 70m/s</p>	01	<b>5000</b>
6.	Synchro As Error Detector Kit	Synchro As Error Detector Kit	01	<b>5000</b>
7.	Trainer Kit For Transformer Coupled Amplifier Using Transistor	<p>On board test points to observe Input and output signals</p> <p>On board schematic diagram</p> <p>Flexibility of making circuit connections</p> <p>Lightweight &amp; compact</p> <p>product tutorial</p>	01	<b>5000</b>
8.	Trainer Kit To Verify Nortons And Theveniens Theorem	<p>On board schematic diagram</p> <p>Flexibility of making circuit connections</p> <p>Provision of applying input and taking output with External power supply to trainer</p>	02	<b>5000</b>
9.	Trainer Kit To Determine Z,Y,ABCD Parameters Of Transmission Line	<p>On board schematic diagram</p> <p>Flexibility of making circuit connections</p> <p>Provision of applying input and taking output with External power supply to trainer</p>	02	<b>10000</b>
10.	Trainer Kit To Verify KVL And KCL	<p>Experiments:-</p> <p>1-Verification of Kirchhoff's current law</p> <p>2-Verification of Kirchhoff's voltage law</p> <p>Setup Includes :-</p> <p>&gt;Experiment Trainer Board that Contains:-</p> <p>1.Power Supply : + 12 V DC</p> <p>2.Digital Ammeter : 2 <math>\mu</math>A to 200 mA</p> <p>3.Various test point</p> <p>&gt;Connecting Patch Cords</p> <p>&gt;Product Tutorial</p>	02	<b>10000</b>

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11.	Data Acquisition Card	NV63X series DAQ are useful for sensing and controlling Analog and Digital signals of any process control application. For ease of connection they have screw terminals. All can change the operation of particular pins as per requirements. They are available with either a USB interface Data Card Includes following specifications:- 1.Digital inputs : 16 2.Digital Outputs : 16	02	<b>15000</b>
12.	PID Controller Trainer Kit	Square and triangular wave with variable frequency for testing PID Proportional, Integral and Derivative functions can be checked on same board, Variable DC for set point, In built power supply Built-in 3½ DVM for DC measurement Manual describing working of along with detailed experiment descriptions	02	<b>10000</b>
13.	Trainer Kit For Speed Control Of AC/DC Motor With VFD	Demonstration type trainer	02	<b>12000</b>
14.	DTH System Trainer	Compact design Comprehensive learning solution on DTH Functional block diagram indicated on main board Manual & Remote Control operation Composite Video output and RF output Fault creation and diagnosis Online Product Tutorials	02	<b>20000</b>

Principal,

Govt. Polytechnic, Khamgaon

*Copy to : 1) Hon. Director ,Directorate of Technical Education M. S. Mumbai for information please. It is requested to do needful for uploading the same on website as per instructions issued.*

*2) Hon. Joint Directorate of Technical Education Amravati Region, Amravati for information please. It is requested to do needful for uploading the same on website as per instructions issued.*

*3) Head of Electronics Department for information and n a*

*4) Suppliers as list attached herewith through email and by post*

*5) Shri Ambatakar , programmer through Registrar , Govt. Polytechnic , Khamgaon for uploading on Institute website.*