

## Agenda: 4. Approval on procurement plan

### a) BoG Approval requested for new Equipment/Software/Furniture added in procurement plan

Sr. No.	Equipment/Software/Furniture	Total Estimated Cost
1	IGIS Software	18,00,000
2	Library e-journal	10,00,000
3	Generator for labs	4,95,000
4	3D Printer with 3D scanner	12,00,000
5	Software for grievance redressal	1,00,000
6	Pedestal Fan (Qty-05)	18,500
7	Ceiling Fan (Qty-16)	25,600
8	Water Filter (Qty-03)	90,000
9	Water Cooler (Qty-03)	1,05,000
10	USB-3 pen drive 16GB (Qty-50)	25,000
<b>Total</b>		<b>48,59,100</b>

### b) Approval for minor civil works

Work name	Package code	Estimated price
Urinal sheet installation	TEQIP-III/2019/BH/dced/334	63310
Windows panel repair	TEQIP-III/2019/BH/dced/335	62606
<b>Total</b>		<b>1,25,916</b>

### c) Approval for Library furniture:

Sr. No.	Item	Quantity
1	Closed book Shelf	4
2	Open Book Shelf	6
3	Almirah	2
4	Study Table	6
5	Chair	36
6	Paper reading stand	02
7	Notice board	01
8	Magazine stand	02

**d) Approval for purchase of books based on new AICTE syllabus**

SN	Dept	Estimated price
1	ME	2,96,199
2	EEE	1,94,977
3	CE	2,49,252
4	CSE	1,34,025
5	Phy	2,09,665
6	Maths	1,00,091
7	Chem	76,800
8	English	49,150
	<b>TOTAL</b>	<b>13,10,159</b>

**e) Requirement of Physics Laboratory**

Required Apparatus	Specifications	Price per set	Quantity	Total
<b>Photoelectric effect set-up</b>	<p>The Setup consists of</p> <ul style="list-style-type: none"> <li>• Main Unit having highly stabilized Power Supply,</li> <li>• Digital Voltmeter (LED 3 digit ,0- 9.99Vdc),</li> <li>• Digital micro-ammeter (LED 3digit ,0-999uAdc),</li> <li>• Digital milliammeter (LED ,3digit ,0999mAdc)</li> <li>• Light source (3 colours–white ,blue,red)</li> <li>• Photodiode</li> <li>• Black box with spacers for distance variation.</li> </ul>	<b>Rs 60000</b>	<b>2</b>	<b>1,20,000</b>
<b>Fibre optics set-up</b>	<p>The Setup consists of</p> <ul style="list-style-type: none"> <li>• Laser Diode(5mW,632nm),</li> <li>• Objective(10X),</li> <li>• Fiber (1mtr long ),</li> <li>• Detector with BNC connector</li> <li>• Autoarranging Multimeter,</li> <li>• Chucks and bases( 2nos)to hold the components,</li> <li>• Screen with circular graduations,</li> <li>• one circular base with linear and circular motion.</li> </ul>	<b>Rs 50000</b>	<b>2</b>	<b>1,00,000</b>

<b>Capacitance and Permittivity Kit</b>	<p>The Setup consists of</p> <ul style="list-style-type: none"> <li>reed relay switch with it's a.c. supply,</li> <li>integrated circuit current amplifier and 0-100 micrometer housed in a cabinet.</li> <li>pair of capacitor plates 0.25m x 0.25m x 4mm,</li> <li>a Perspexsheet,</li> <li>two capacitors (500 pf each),and</li> <li>set of perspex/ polythenespacers</li> </ul>	<b>Rs 50000</b>	<b>2</b>	<b>1,00,000</b>
<b>Dielectric Constant Kit For Solids</b>	<p>The Setup consists of</p> <ul style="list-style-type: none"> <li>Main Unit having audio oscillator (1 KHz), digital voltmeter (0 – 9.99 V ac), standard capacitance and electronic circuitry.</li> <li>Dielectric Cells: 75 mm Gold plated brass discs (1set)</li> <li>25 mm Gold plated brass discs (1 set).</li> <li>Samples :LowRange : Glass, Bachelite HiRange :PZT DISC</li> </ul>	<b>Rs 50000</b>	<b>2</b>	<b>1,00,000</b>
<b>Forced oscillation and resonance Set-up</b>	<ul style="list-style-type: none"> <li>Base unit with frequency generator</li> <li>Spring</li> <li>Weight (50 g)</li> <li>Scale</li> <li>Power adapter</li> <li>Thread roll</li> <li>Acrylic Cylinder</li> </ul>	<b>Rs 30000</b>	<b>2</b>	<b>60,000</b>
<b>Free Fall with timer set-up</b>	<ul style="list-style-type: none"> <li>Releaseunit</li> <li>Impact switch</li> <li>Timer</li> <li>Support base</li> <li>Right angleclamp</li> <li>Plateholder</li> <li>Cursors, 1pair</li> <li>Meter scale, l = 1000mm</li> <li>Support rod, square, l = 1000mm</li> <li>Connecting cord, 32 A, 1000 mm, red</li> <li>Connecting cord, 32 A, 1000 mm, blue</li> </ul>	<b>Rs 60000</b>	<b>2</b>	<b>1,20,000</b>
<b>Total</b>				<b>6,00,000</b>