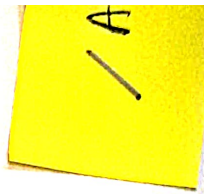
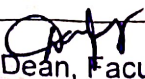


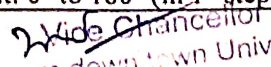
**List of required Instruments for Tender Advertisement (Above 1 lakh)**  
**Faculty of Allied and Healthcare Sciences**

Date: 01/06/2026

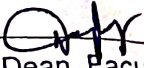


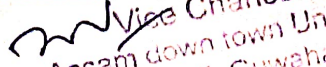
Sl no.	Instrument name	Specifications	Quantity	Programme
1	Vertical Autoclave	<ul style="list-style-type: none"> <li>Preferred Model: TI-121B with Semi-Automatic function</li> <li>Standard Model: Inside S.S. 304 mirror finish. Outer SS 304 mirror finish.</li> <li>Temp. Range: 121°C to 125°C factory set at 121°C</li> <li>Capacity: 35 litres</li> <li>Internal size (Dia. x Ht.): 30 x 50 cm</li> <li>Rating: 2.0 KW</li> <li>Warranty – 2 years</li> </ul>	1	MLT
2.	Calibrated Ionization Based Survey Meter: Within Diagnostic Range	<ul style="list-style-type: none"> <li>Range: Background to 50 mSv/h (5 R/hr)</li> <li>Shows Exposure Rate &amp; Either Integrated Exposure or Peak Exposure Rate</li> <li>Sunlight Readable Color Display</li> <li>Auto-Zeroing &amp; -Ranging</li> <li>Rechargeable Batteries</li> <li>Audio &amp; Visual Alarms</li> <li>Data Logging</li> <li>USB Connectivity</li> <li>Free Firmware Updates Through Website</li> </ul>	1	Radiology
3.	Gafchromic EBT4 Film	<ul style="list-style-type: none"> <li>Film Size 8"x10"</li> <li>Pack of 25 sheets</li> </ul>	1	Radiology
4.	Film dosimetry set scanner	<ul style="list-style-type: none"> <li>Epson scanner</li> <li>Expression 13000xl with laptop</li> </ul>	1	Radiology
5.	Calibrated DAP Meter	<ul style="list-style-type: none"> <li>Preferred Model: DRK -1 (Consists of one square ionization chamber DRK-1-K01 and one radiation charge meter)</li> </ul>	1	Radiology
6.	Auto-Refractometer (AR)	<ul style="list-style-type: none"> <li>Combo with motorised adjustable table.</li> <li>Autp-Ref Keratometer (ARK) models preferred</li> <li>Suggested brands - Topcon, I-Optik, Appasamy, Nidek, Huvitz, Matronix.</li> <li>Measurement Range (Sphere)-25.00 D to +22.00 D (in 0.12 / 0.25 D steps)</li> <li>Cylinder Measurement: 0.00 D to ±10.00 D (in 0.12 / 0.25 D steps)</li> <li>Axis Measurement: 0° to 180° (in 1° steps)</li> </ul>	1	Optometry

  
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 Vice-Chancellor  
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 Guwahati, Guwahati-26

		<ul style="list-style-type: none"> <li>• Pupil Diameter Measurement: min. 2.0 mm to 9.0 mm</li> <li>• Vertex Distance: Programmable vertex distance correction facility (eg. 0 mm, 12 mm, 13.5 mm, 15 mm)</li> <li>• Minimum Pupil Diameter: <math>\geq 2.0</math> mm</li> <li>• Measurement Mode: Auto / Manual</li> <li>• Fixation Target Internal fixation with automatic fogging</li> <li>• Display: Integrated color LCD/TFT display of minimum 5 inches (with refractive values and alignment guidance)</li> <li>• Data Output: USB and/or LAN connectivity for data transfer and EMR integration.</li> <li>• Power Supply: 100–240V AC, 50/60 Hz (with in-built voltage stabilizer preferred)</li> <li>• Weight: (Approx.) 15–25 kg</li> <li>• Dimensions (W x D x H): Approx. 275 mm x 475 mm x 430 mm</li> <li>• Equipment must comply with applicable IEC 60601 medical electrical safety standards and relevant ISO standards.</li> <li>• Comprehensive Warranty of min. 1-3 years with availability of spare parts for minimum 5-7 years.</li> </ul>		
7.	Auto Lensometer	<ul style="list-style-type: none"> <li>• Combo with motorised adjustable table.</li> <li>• Built-in thermal printer or data export facility</li> <li>• Suggested brands - Topcon, I-Optik, Appasamy, Nidek, Huvitz, Matronix. .</li> <li>• Measurement Method: Preferred Automatic lensmeter based on wavefront analysis or equivalent advanced lens measurement technology or UV transmittance measurement facility.</li> <li>• Measurable Lenses: Single vision, bifocal, progressive, and contact lenses</li> <li>• Automatic detection and measurement of progressive addition lenses and Contact lens measurement capability.</li> <li>• Lens Types: All materials including high-index, polycarbonate, and glass</li> <li>• Sphere Power Range: -25.00 D to +25.00 D (in 0.01/0.06/0.12/0.25 D steps selectable)</li> <li>• Cylinder Power Range: 0.00 D to <math>\pm 10.00</math> D</li> <li>• Axis Measurement: <math>0^\circ</math> to <math>180^\circ</math> (<math>1^\circ</math> steps)</li> <li>• Prism Measurement Range: 0–15 <math>\Delta</math> (Horizontal/Vertical)</li> <li>• Prism Modes: Cartesian (X-Y), Polar (P- B)</li> <li>• PD Measurement: 40–90 mm</li> </ul>	1	Optometry

  
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(Monocular and binocular)


- Display: 5.7" Color LCD, tiltable for ergonomic viewing with USB and/or LAN interface for data transfer.
- Operating Mode: Automatic and manual
- Power Supply: AC 100–240 V, 50/60 Hz
- Weight: (Approx.) 5.0 kg
- Equipment must comply with applicable IEC 60601 medical electrical safety standards and relevant ISO standards.
- Comprehensive Warranty of min. 1-3 years with availability of spare parts for minimum 5-7 years

  
Signature of Dean

**Dr. Dapkupar Wankhar**

**Associate Professor & Dean, FAHS**

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