



**NORTH EASTERN REGIONAL INSTITUTE OF  
SCIENCE & TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)  
NIRJULI :: ITANAGAR :: ARUNACHAL PRADESH**

**OPEN TENDER NOTICE NO. PUR/398/Physics/2025-26  
Dated. 20/05/2026**

<b>THE LAST DATE OF RECEIPT OF TENDER</b>	<b>:</b>	<b>10/06/2026 up to 4.00 PM</b>
<b>DATE OF OPENING OF TENDER</b>	<b>:</b>	<b>11/06/2026 at 4.00 PM</b>



**NORTH EASTERN REGIONAL INSTITUTE OF SCIENCE AND TECHNOLOGY  
NIRJULI :: ARUNACHAL PRADESH  
Telephone No. (0360) 2257401-11 (Extn. No.7252/7256),  
FAX – (0360) 2258533/2257872**

**TENDER NOTIFICATION NO.  
No. PUR/398/Physics/2025-26 Dated. 20/05/2026**

**Sealed tenders are invited from reputed manufacturers/authorized dealers/suppliers for purchase of Equipment for the Department of Physics. The details of tender can be downloaded from our website : [www.nerist.ac.in](http://www.nerist.ac.in). Tender fee of Rs.2,500/- (non refundable) for each tender. The last date of receiving tender is 10/06/2026 upto 4.00 PM and the date of opening of tender is 11/06/2026 at 4.00 PM. The Director, NERIST reserves the right to accept or reject any tender partly or fully without assigning any reasons whatsoever.**

**Sd/-  
Assistant Registrar (S&P)**

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**NORTH EASTERN REGIONAL INSTITUTE OF SCIENCE AND TECHNOLOGY  
NIRJULI :: (ITANAGAR) :: ARUNACHAL PRADESH**

**OPEN TENDER : NO. PUR/398/Physics/2025-26 Dated. 20/05/2026**

**TERMS AND CONDITIONS :**

1. A) Rate : The rate which should be quoted both in figure & words must be not inclusive of packing forwarding freight and all other incidentals charges..  
B) GST : Rate inclusive of GST will not be preferred. GST to be shown separately.
2. A) Consignee : All stores are required to be consigned to the Director, North Eastern Regional Institute of Science & Technology, Itanagar, Nirjuli, Arunachal Pradesh – 791109.  
B) Mode of dispatch : The consignment is required to be dispatched by Road Transport or delivered at this Institute under supplier's own arrangement free of additional charges. All offers of delivery should be made ex-stock and clear note should be inserted in case of damage or loss in transit, if any will be borne by the supplier.  
C) Dispatch of Document: The consignment note along with the quadruplicate of copy of relevant bill and two copies of priced challan should dispatch to the Director, NERIST, Nirjuli (Itanagar), Arunachal Pradesh – 791 109 immediately on completion of dispatch of consignment. If these documents do not reach the said office in time all wharf age/demurrage incurred, if any will be recoverable from the suppliers.
3. Delivery : The stores are required to be delivered/dispatched within thirty (30) days from the date of receipt of the supply order OR as per mutual agreement, suppliers are requested to take care that all the items mentioned above are to be supplied in full set basis and the items are required to be installed in the Laboratory/field. Users manuals are also to be provided along with the items supplied.
4. Quality Specification : The stores offered should be of the best/standard quality available unless, otherwise specified conforming strictly to the specification cited. The Director reserves the right to reject such stores as are found unacceptable on these grounds. Items of only reputed manufacturers will be given preference.

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5. Liquidated damages : If a firm accepts the order and fails to execute the order in full or part as per terms and conditions stipulated therein, it will be open to the Competent Authority to recover liquidated damaged from the firm at the rate of 1% per month or the part thereof, subject to a maximum of 5% of the value of the undelivered stores. It will also be open to the Competent Authority, alternatively to arrange procurement of the required stores from any source, at the risk and expense of the firm that has accepted the order and failed to execute the order according in stipulations agreed upon. This will also entail removal of the defaulters name from the approved/registered list of suppliers.
6. A) Submission of quotation: Quotation should be submitted to the Assistant Registrar (S&P), NERIST, Itanagar, Nirjuli, Arunachal Pradesh – 791109 in double sealed cover. The cover should bear tender enquiry/Notice Number and date.
- B) Earnest Money : At the time of submission of Tender, the earnest money in the form of Demand Draft Deposit @2% on the quoted tender value is to be deposited with the tender which will be interest free. No Tender will be accepted without earnest money. The earnest money is to be deposited in favour of Director, NERIST on State Bank of India, NERIST Branch. On receipt of supply order, in case the firm fails to supply, the earnest money will be forfeited.
7. Validity (Firmness): The rate should be valid for six months from the date of opening of tender. No representation for enhancement of price once accepted will be considered during the contract.
8. Opening of Quotation: (a) Quotations will be opened on the date and time as fixed in presence of a duly constituted committee of the Institute. A firm may depute its accredited representative to witness the opening if it so desires.
- (b) In the event of the specified date for the opening of Tender is declared a holiday or due to any circumstances, if the Tenders could not be opened on the specified date by the NERIST, the Tenders will be opened at the appointed time and location on the next working date.
9. GST clearance : The tender should be accompanied by up to date GST Return certificate.

10. Mode of payment : Payment will be made on receipt of the bill (on full satisfactory supply of ordered stores, their commissioning, installation etc. as required as per terms and conditions) through RTGS. No advance payment will be made to any selected firm as per Institute norm.
11. Quantity of Stores : The approximate quantities of item proposed to be purchased as mentioned in the list are liable to be increased or decreased at the time of placement of purchase order.
12. Special discount/rebate: Special discount/rebate admissible to Educational Institute of National importance may be specifically indicated in the quotation.
13. Rejection of offer : Tenders not conforming to the terms and conditions and procedure so out lined are liable to be rejected summarily.
14. Guarantee/Warranty : The stores should be covered by warranty of quality/warranty of performance and manufactures defect for a minimum period of thirty six months from the date of satisfactory installation.
15. Special condition : Special condition, if any, printed on the quotation sheets of the tenders or condition attached with the tender will not be applicable to the contract unless these are expressly accepted in writing by the Director. Due weight age will be given to bidder offering warranty for a longer period.
16. ISI Marks : The tenders shall specify whether the articles offered bear bureau of Indian standard certification mark or not. In such cases they shall produce copies of certification mark along with their tender in support of it. Also specific make and model No. of the item is to be mentioned.
17. Discretionary power : The Director, NERIST reserves the right to accept or reject any or all tenders without assigning any reason there of and also to modify in exceptional case any of the stipulated terms and conditions on merit on genuine and justifying grounds if it is in the larger interest of the Institute. The final acceptance of the tenders rests entirely with the Director who does not bind himself to accept the lowest tender.
18. Tender fee: Tender fee of Rs.2,500.00 (Rupees two thousand five hundred) only (non refundable) in the form of Demand Draft in favour of Director, NERIST, Payable at SBI, NERIST Branch must be sent along with tenders.

19. Receipt of the tender: The last date of receiving tender is 10/06/2026 upto 4.00 PM.
20. Price: Abnormal price OR price higher than prevailing Market Rate / MRP will not be accepted.
21. This is not a turnkey project, so interested bidder can participate for any one or full items. The quantity of the tendered items may be increased OR decreased at the time of placing supply order.

22. The following updated documents should also accompany with the tenders:

- Trade License
- Income Tax clearance certificate
- GST Registration certificate
- Up to date GST return Certificate.
- Authorization must be from Original Equipment Manufacturer (OEM). The OEM certificate will be cross verified. If found faulty, the firm will be liable to be black listed by the Institute.
- Manufacturer /Proprietary Certificate.
- All the above documents are mandatory.

Sd/-  
Assistant Registrar (S&P) i/c  
NERIST :: NIRJULI  
ARUNACHAL PRADESH

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**List of items**  
**Department of Physics**

<b>Sl. No.</b>	<b>Name of the Instruments</b>	<b>Specification</b>	<b>Quantity</b>
1.	Weight box (gm weight & milligram weight)	Salco A Grade Analytical Weight Box (1mg-100gm) (1mg-200gm)	02 box
2.	Simple Pendulum (bob)	Metal Simple Pendulum Bob Balls 25mm diameter with hooks set of 6 pcs	06 pc
3.	Young modulus	Young's Modulus Apparatus (Searle's) Brass Frame	02 pc
4.	Voltmeter (0-10 Volt DC)	Dc 10V Multicolor Voltmeter (Analog)	05 pc
5.	Galvanometer (0-30)	Analog Galvanometer D.C. type range from 30-0-30 on stand Voltmeter (Analog)	05 pc
6.	Voltmeter DC (0-3 Volt)	DC Type EDM-80 Square Moving Coil Voltmeter - 0-3V Voltmeter (Analog)	05 pc
7.	Battery Eliminator (power supply, DC output, 2-12 Volt, 750mA)	Battery Eliminator 750mA 0V to 12V Regulated DC Power Supply Adaptor Power Supply	10 pc
8.	Post-office box	POST OFFICE BOX PLUG TYPE	02 sets
9.	Tangent Galvanometer (50 turns coil)	Tangent galvanometer (50 T)	04 pc
10.	Spherometer	0.5 mm pitch, 2.5 inch, 40 mm brash, 0-100 mm csd, 0-10 mm radius	10
11.	LED and Laser Diode Characteristics apparatus	Main Unit having variable power supply, digital voltmeter, digital milliammeter, LEDs , Diode Laser with holder, photo detector, bases.	2
12.	Hybrid parameters of transistor	The experimental set-up have been laid down on a decorated bakelite board with an aim of providing an easy understanding to the students. All components are well spread out for clarity and easy repairs and replacement. The set-up is provided with a booklet, which contains its detailed theory of operation, description, specifications, suggestions and discussions on the various experiments that may be performed with it.	1

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13.	Katers Pendulum	Steel bar nickel plated with pointed ends, carrying two sets of adjustable knife edges and two large & small weights. Length >100 cm. Wall bracket to be provided. Digital STP clock with resolution better than 0.1 s. Wooden scale to be provided.	2
14.	Bar pendulum	Steel bar 100 cm long bored at equal intervals, with two removable knife edges & a wall bracket. Digital STP clock with resolution better than 0.1 s. Wooden scale to be provided.	2
15.	Damping Oscillation in Various Medium	Metal spring supported by ss and damper with different area and accessories.	1
16.	Thermal Expansion apparatus	Metal wire supported on wooden board, graduated scale for measuring length, power supply, Thermometer attached to wire.	1
17.	Meldes Apparatus	Electromagnetically driven vibrator, operates on 220V AC/50 Hz, with frictionless pulley assembly, adjustable string length up to 1.5 meters, includes nylon thread, weight hanger with weights, graduated scale up to 100 cm, mounted on a vibration-damped base, and supplied with all necessary accessories.	1
18.	Archimedes principle apparatus	Objects with different volumes along with spring balance. Accessories for measuring displaced liquid to be provided.	1
19.	Biot-Savart law apparatus	Circular Loops : Copper, loop dia. 20mm, 80mm, 120mm wire dia. 3mm, loop holder rod 10mm dia. Digital Gauss Meter : Range 200 G & 2 k G, sensor In As, display 3½. digit LED, resolution 0.1G at 0 - 200 G, offset by potentiometer to set ZERO Input voltage 220 V, $\pm 5\%$ , 50 Hz AC. Power Supply : 0-30V DC, 0-20A, Input voltage 220V, $\pm 5\%$ , 50Hz AC, voltage resolution 0.1V, display 2½ digit LED, current resolution 0.1 A, primary fuse 8 Amp. Optical bench : Length - 1 mtr. with Scale, 4 point levelling. Material Aluminium or MS. Optics holder : Dia. 130 x 3mm ( $\varnothing$ x T), H 230mm. Transversal slider : 25 - 0 - 25mm, LC 0.01mm.	2
20.	Photodiode characteristics apparatus	Variable power supply, digital voltmeter, digital micro-ammeter, photodiode, light source, provision to vary the intensity of the light source, black box to hold photodiode and source.	1
21	LDR characteristics apparatus	DC Regulated Power Supply 0-3 VDC/150mA, Digital ammeter and voltmeter, LDR mounted in a metal Box, connections of Supplies & LDR brought out at 4mm Sockets. Lamp Holder with 100 W Bulb & 50 cm wooden plank are given with this apparatus.	1

22.	Tunnel diode characteristics apparatus	Inbuilt Fixed DC regulated power supply Output Voltage : +5VDC On Board Digital Panel Meter Digital panel meter for measuring V1 : Voltage across Resistance V2 : Voltage across Tunnel Diode Potentiometer : R1 (Current control) Tunnel Diode : IN 3717 High quality bakelite used as front panel & mounted on light weight shock proof plastic cabinet Symbol diagram printed on bakelite Front Panel & all important test Points are brought out on front panel Power requirement : 230 VAC 10%, 50Hz. Standard Accessories : Power chord, Patch chords & Instruction manual.	1
23.	RC coupled amplifier kit	Three decade resistances bank in steps of 1K, 10K & 100K per steps total step 30. 12V D.C. IC regulated Power Supply internally connected. Two transistors. The unit is operative on 230V $\pm 10\%$ at 50Hz A.C. Mains. Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/observation of waveforms.	1
24.	RC phase shift oscillator using OPAMP	DC regulated power supply, All circuit components must be printed on boards	1
25.	Deflection magnetometer set	Deflection Magnetometer Compass with 100 mm needle. Cord marked with points of the compass and degrees. Polished wooden board with metre scale fitted, Required bar magnet should be provided.	5
26.	OPAMP kit	DC regulated power supply, OPAMP using 741 IC and circuit for addition, integrator, differentiator. Symbols should be printed on the board.	2
27.	Surface tension by capillary rise	Capillary tube of different diameter with holder stand, pointer for measuring water surface, travelling microscope	1
28.	Co-efficient of viscosity by Poiseuille's method	Constant water level reservoir which can be adjusted on a tripod stand, pinch cock, graduated cylinder 100 ml, monometer on a wooden stand, glass capillary tube on the stand, rubber tube of length 1 meter, and thermometer	2

29.	Co-efficient of viscosity by stokes law with photogate	Digital timer & photogate :2 line LCD Display Micro controller based Time resolution 0.1ms Mode Time Speed & Acceleration Photogate 1 No. USB Interface Operating voltage 5V DC Photogate detector : Infra-Red Micro controller based and built-in test functions.Supplied with a photogate and mounting rod. Solenoid : Cu Coil, Resistance 10ohm, 4mm Connection to Solenoid Driver, Size 75 x 100 x 40 mm Solenoid Driver : Size 75 x 100 X 40 mm, USB Connection to Digital timer, LED indicator. Experimental Stand : Height 1300 mm , Heavy 'A' shape base, C-clamp, 'U' Channel Stand, 1200 mm printed scale, 2 levelling screws. Tube : Glass material, Length 1100 mm, Diameter 50mm.	1
30.	LCR series resonance apparatus	Inductor, Capacitance, resistors, digital AC ammeter and AC voltmeter, Required function generator to be provided.	1
31.	LCR parallel resonance	Inductor, Capacitance, resistors, digital AC ammeter and AC voltmeter, Required function generator to be provided.	1
32.	Spring constant set	Spring fitted on stand with graduated scale, weight hanger, different weight, Digital stop clock with resolution better than 0.1 s	3
33.	LASER red for diffraction	Semiconductor diode laser, wavelength 620-650 nm, bandwidth less than 2 nm, output power> 3mW, SS rod mounted on laser body for fixing in optical bench, power supply must be provided.	1
34.	LASER green for diffraction	Semiconductor diode laser, wavelength 520-550 nm, bandwidth less than 2 nm, output power> 3mW, SS rod mounted on laser body for fixing in optical bench, power supply must be provided	1
35.	LASER Violet blue for diffraction	Semiconductor diode laser, wavelength 420-450 nm, bandwidth less than 2 nm, output power> 3mW, SS rod mounted on laser body for fixing in optical bench, power supply must be provided	1
36.	Grating with different grating constant	Transmission type, 100 lines/mm, 300 lines/mm and 600 lines/mm,	6
37.	Vibration magnetometer	Wooden box slotted, and carries a glass tube fitted with simple torsion head to support, by means of a silk fiber, a strip holding magnet etc. Complete with one bar magnet and one brass bar. The strirrup holding the magnet is suspended by a fiber A strip of mirror glass is fixed on the base of the box.	3

38.	Hall effect apparatus	Electromagnet 7.5 K.G mounted on wooden base.Digital Power supply for Electromagnet.Gauss meter digital 0-20K Gauss with hall probe & stand for holding probe.Constant current power supply. N Type Crystal Probe with stand.	1
39.	BH curve tracer	Main Electronic Unit with built-in Power supply, Magnetizing Coil, Magnetic field sensing Probe, Holder for Magnetizing and Sensing Probe, Samples of different materials	1
40.	Quincks Method	Electromagnet: Field intensity better than 1T at 10mm pole gap.Required smoothly adjustable constant current source. Digital Gauss meter: Range upto 20kGauss or better, digital display. Quinck's tube with stand Travelling microscope with both vertical and horizontal scale and screw gauge of least count 0.01 mm or better. Paramagnetic salt to be provided.	1
41.	Piezoelectric transducer kit	Measurement of pressure using Piezo Electric Transducer Industry standard Piezo Electric transducer Instrumentation amplifier with variable gain On-board potentiometer for adjusting GAIN 3.5 digit DPM Sockets at different points for observation Interconnection 2/4 mm banana sockets 220V $\hat{A}$ , $\hat{A} \pm 10$ / 50Hz mains operated Enclosed in an attractive ABS plastic cabinet with cover Accessories: Users Manual with patch cords	1
42.	Mercury Lamp	Mercury lamp power 125 W or more with ballast choke, power supply. Lamp should be enclosed in wooden box for diffraction experiment.	5
43.	Fresnel's Biprism Diffraction Apparatus	Optical rail on which components are mounted using posts, post holders and movable carriages. For setting up the experiment, the slit, eye piece and the biprism are adjusted so as to obtain well defined bright and dark fringes. Sodium vapour lamp is used as light source. All components are made out of anodized aluminum and stainless steel to avoid corrosion.	1
44.	Bread board with power supply	Solderless breadboard assembly on frame with internal DC regulated power supply 0-5V, Jumper wires should also be provided	5

45.	Balmer Series and Rydberg constant set up	<b>Advanced Spectrometer:</b> <b>Main Scale:</b> Brass, dia.175mm, 0-360°, 1 MSD 1/3° <b>Least Count:</b> 20 Seconds <b>Base Size:</b> Wooden, 450 x 300 x 12mm <b>Objective:</b> Achromatic lens, F = 178mm, Ø32mm <b>Slit:</b> German silver with knurled screw <b>Eyepiece:</b> 15x, Ramsdens eyepiece <b>Vernier :</b> Brass, 4 verniers, (L x W) 60 x 48mm <b>Base:</b> 220mm dia., aluminum casting <b>Spectrum Tube Power Supply :</b> Input 220V, 50 Hz AC, Output 0-5000 V, Overload 2mA (Max.) Spring loaded socket <b>Spectrum Tube :</b> Hydrogen Gas, Violet 420, 440nm, Blue 490nm, Red 670nm <b>Diffraction Grating :</b> Size 89 x 38 mm, Aperture 16 x 9 mm Rulings 100,300,600 lines/mm	1
46.	Hydrogen discharge tubes for the Rydberg constant set up	-	10
47.	Mercury lamp	Mercury lamp- 100 W, power supply- <b>50 – 230 V</b>	1
48.	Michelson interferometer with light source	<b>Moveable Mirror :</b> Range 10-0-10mm <b>Course Knob :</b> Least count 0.01 mm, <b>Micrometer Fine :</b> Least count 0.0001mm, <b>Beam Splitter :</b> Rectangular, size 50 x 39 x 7mm, R/T% 50/50, Flatness $\lambda/8$ (at 632nm) <b>Compensator :</b> Rectangular, size 50 x 39 x 7mm, Flatness $\lambda/8$ (at 632nm) <b>Mirror :</b> Circular, 2 nos., dimension 30 x 10mm <b>Telescope :</b> Tube 90 x 25mm (L x Ø), 10x eye piece <b>Sodium Source :</b> MS housing, 200 x 85mm (L x Ø), slit (L x W) 20x16mm	1
49.	Fresnel bi-prism complete set-up with sodium source	<b>Optical Bench :</b> Al exclusion, L = 1.5 mtr. with Scale, Triangular shape with end stop, 4 point levelling (steel screw) <b>Fresnal'sBiprism :</b> 50 x 40 mm (L x H), angle 179, refractive index 1.52 <b>Slit :</b> 0-6mm <b>Lens :</b> FL 100mm, 200mm, dia. 50mm <b>Optics Holder :</b> Al, Dia. 130 x 3mm (Ø x T), H 230mm <b>Universal Holder :</b> 3 point clamp (0-90-180), 0-360 <b>Micrometer :</b> 30-0-30 mm, ½ least MSD <b>Eye Piece :</b> 10x zoom, 31 x 23mm (L x Ø) <b>Least Count :</b> 0.005 mm <b>Sodium Source :</b> MS housing, 200 x 85mm (L x Ø), slit (L x W) 20 x 16mm <b>Lamp Power :</b> 20W, input 220V AC <b>Transversal Slider :</b> 25-0-25mm, LC 0.01mm	2

50.	Set-up for Millikan's oil drop experiment	<ul style="list-style-type: none"> <li>•Built-in DC variable power supply, range 0-500V.</li> <li>•Compact design less space in laboratory.</li> <li>•Quick and Ready to use apparatus</li> <li>•Free image capturing software. (SK198)</li> </ul> <p><b>Millikan Oil Drop</b> : AC 220V, 50Hz, 5W, Plate voltage 0~500V DC, Change over switch Between +ve, -ve and 0 field, Plate distance <math>5 \pm 0.2</math>mm, Total Magnification 30X, Linear field of vision <math>\geq 3</math>mm, Scale division <math>2 \pm 0.01</math>mm</p> <p><b>Digital Stop Watch</b> : Display 6 Digit, Accuracy 0.01sec, Digit size 5mm</p>	1
51.	Set-up for de-Broglie wavelength measurement	Diffraction tube, electron gun, HV power supply (0–5 kV), fluorescent screen	1
52.	Zeeman Effect	<p><b>Electromagnet:</b> Ferromagnetic core, Coils 500 T, Current 5A (Max.), 4mm safety socket, U Core 150 x 130 mm (LxH), 40 x 40mm, cross section, I Core L=150mm,</p> <p><b>Fabry Perot Etalon:</b> Mirror optics <math>\lambda/20</math>, Mirror gap 3 mm, Filter 532nm, Green Interference Filter, Clear view 40mm dia, Rod 10 mm dia.</p> <p><b>CMOS Camera:</b> 1.3 MP, USB Interface.</p> <p><b>Digital Gauss Meter:</b> Range 2k &amp; 20kG, Sensor In As, Resolution 1G &amp; 10 G at 2k &amp; 20k G, Offset by Potentiometer to set ZERO.</p> <p><b>Power Supply:</b> 0-40V DC, 0-10A, voltage resolution 0.1V, display <math>3\frac{1}{2}</math> digit LED, current resolution 0.1 A, primary fuse 8 Amp.</p> <p><b>Optical bench:</b> Al exclusion, L = 1.5 mtr. with Scale, Triangular shape with end stop, 4 point levelling (steel screw).</p> <p><b>Optics holder:</b> Al, Dia. 130 x 3mm (<math>\varnothing</math> x T), H 230mm</p> <p>Transversal slider: 25 – 0 – 25mm, LC 0.01mm</p>	1
53.	Lattice parameter set	It consists of an Audio oscillator with amplitude control and facility to vary the frequency from 0.9 KHz to 90 KHz. It has built in power-supply and output stage to match the impedance of simulated lattice. Another part of Lattice Dynamic Kit consists of transmission line, which simulates one-dimensional mono-atomic and di-atomic lattices. The only additional equipment needed is a General purpose C.R.O.	1

54.	Electron spin resonance	<p><b>Basic unit</b> Dimensions: 165x105x135 mm<sup>3</sup> approx. Weight: 1.25 kg approx.</p> <p><b>Magnetic coils</b> Windings: 500 each Magnetic field: 0 – 3.37 mT Connectors: Coaxial power connectors Dimensions: 20 mm x 74 mm diam. approx. Weight: 0.2 kg approx.</p> <p><b>Control console</b> Probe input: 4-pin Lemo socket Coil connectors: Sawtooth current source, 0–250mA, 50ms, pair of co-axial connectors Magnetic output: Proportional to coil current, 0-1 V, BNC Signal output: Resonance signal, 0-1 V, BNC socket Frequency range: 45 to 75 MHz approx Dimensions: 170x105x45 mm<sup>3</sup> approx. Weight: 0.5 kg approx.</p>	1
55.	Fourier analysis kit	<p>The Kit consists of a stabilized power supply (6-0-6), a function generator and the analyzer. Square, triangular and clipped sine waveforms are generated by a specially designed integrated circuit function generator whose output frequency can be varied in the range of 500 Hz to 15 KHz using the 100K <math>\Omega</math> Ten Turn potentiometer. The output level of the sine and triangular waves can be varied using the amplitude control provided on the front panel of the unit.</p>	1
56.	Microwave bench set up	<p>A <b>Microwave Test Bench</b> is a laboratory setup used for studying and analyzing microwave components and systems, typically in the frequency range of 1 GHz to 40 GHz. It consists of modules like a microwave source, isolator, attenuator, waveguides, detector mounts, directional couplers, and measurement instruments such as VSWR meters and power meters. This setup enables students and engineers to perform experiments on microwave propagation, impedance matching, standing wave ratio, and component characteristics. Microwave test benches are widely used in educational institutions, R&amp;D labs, and industries to provide hands-on experience and validate theoretical concepts in microwave and RF engineering.</p>	1

**N.B.** Only the items from the brands such as INDOSAW/Omega (Jaipur)/ Scientific Mes-Technik/SES Instruments will be considered.