

**SHRI SHIVAJI EDUCATION SOCIETY AMRAVATI'S**  
**SHRI SHIVAJI SCIENCE COLLEGE, AMRAVATI**  
Shivaji Nagar, Morshi Road, Amravati - 444603 India

**NAAC:** A+ Grade; **NIRF 2025:** Rank 93<sup>rd</sup> (AIR) & 3<sup>rd</sup> (MS);  
**UGC:** CPE; **PM-USHA:** Compo.3 Grant for College Strengthening;  
**DBT:** STAR College Program Strength Compo. (UG Focus); **DBT:** BUILDER L-1 (PG&Res. Focus)  
**ISO:** 9001-2015; **DST:** FIST; **SGBAU:** Lead College; **Career Katta:** Centre of Excellence

**TENDER NOTICE**

**No.:** DBT-BUILDER/01/2026

**Date:** 24/08/2026

**PROCUREMENT OF LABORATORY EQUIPMENT UNDER  
DBT-BUILDER PROJECT**

Sealed tenders are invited from **reputed, registered and eligible Firms/Enterprises/ Authorized Dealers/Suppliers** for the supply, installation and commissioning, wherever applicable, of **laboratory equipment of standard make** sanctioned under the project: **“DBT-BUILDER Shri Shivaji Centre for Interdisciplinary Life Science Programme for Advance Research and Education (Level I)”**

**Tender Details:**

|                                                                       |                                                        |
|-----------------------------------------------------------------------|--------------------------------------------------------|
| Tender Document Available for Download/<br>Access of Tender Documents | 24/08/2026 to 02/09/2026                               |
| Last Date for Submission of Sealed Tender                             | 09/09/2026 up to 3.00 P.M.                             |
| Tender Fee                                                            | ₹1,000/- (Non-Refundable)                              |
| Date & Time of Opening of Tenders                                     | 14/09/2026 at 4.00 P.M.                                |
| Place of Opening                                                      | IQAC Office, Shri Shivaji Science<br>College, Amravati |

**Eligibility of Bidders:** The bidder should be a registered supplier/Firm/Enterprise and shall possess valid Registration Certificate; GST Registration Number; Current Income Tax Clearance/Compliance Certificate, as applicable; PFMS account details; Authorization from the manufacturer, wherever applicable.

Detailed specifications, terms and conditions, eligibility requirements, format of tender and equipment-wise requirements are available on the College website: [www.shivajiscamt.org](http://www.shivajiscamt.org).

The undersigned reserves the right to accept or reject any or all tenders, in whole or in part, without assigning any reason thereof.

**Shri Harshavardhanji P. Deshmukh**  
President  
Shri Shivaji Education Society,  
Amravati

**Dr. D. D. Khedkar**  
Programme Coordinator,  
DBT-BUILDER  
Shri Shivaji Science College,  
Amravati

**Dr. G. V. Korpe**  
Principal  
Shri Shivaji Science College,  
Amravati

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### **Terms & Condition for Participation in Open Tender**

1. Sealed tenders are invited from authorized dealers/manufacturers for the supply of items listed below.
2. The completed tenders should reach in inward section of Shri Shivaji Science College, Amravati on or before due date and time.
3. Tenders duly filled in will be accepted on or before 09/09/2026 up to 3.00 P.M. and will be opened on 14/09/2026 at 4.00 P.M. in the presence of tenderers & purchase committee in IQAC Meeting Hall.
4. The college will not be responsible for postal delay, non-receipt of tender documents.
5. The tenderer should submit tender in two bid envelope system -  
**(a) Envelope No.1 should contain following documents.**
  - i) Demand Draft/Banker's cheque of Rs.1000/- in favor of the Principal, Shri Shivaji Science College, Amravati.
  - ii) Copy of GST registration
  - iii) Copy of shop act registration
  - iv) Copy of authorization letter from manufacturer. (Original authorization letter will be verified if required)
  - v) **PFMS details:** Vendor Name, PFMS Unique ID, Bank Account Number, Bank with Branch name, IFSC, Contact Detail, etc**(b) Envelope no.2 should contain price offer.**
6. The tenderer who has qualified in Envelope-1 shall be eligible for opening Envelope-2. Tenders not in conformity with our prescribed specifications, terms & conditions will be rejected. College has right to reject/accept any or all tenders without assigning any reasons.
7. The prices of all materials/items/equipments etc. be quoted inclusive of all taxes i.e. GST as applicable.
8. The prices will be inclusive of all charges & f.o.r. destination.
9. Otherwise stated the warrantee/ guarantee of items/material/equipments etc. will be assumed of one year.
10. All the items need to be demonstrated in physical at the time of delivery in the respective department.
11. The security deposit of 5% will have to be deposited as per order issued.

12. The security deposit will be refunded only on the compliance of complete order.
13. The final payments will be issued through PFMS Only
14. All rights to accept or reject the tenders are reserved with the tendering authority.

**Place:** Amravati  
**Date:** 24/08/2026

**Sd/-**  
**Dr. G. V. Korpe**  
Principal  
Shri Shivaji Science College,  
Amravati

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List of the Laboratory Equipments of standard make to purchase **under DBT-BUILDER Project**

| SNo. | Name of Equipment                      | Specification                                                                                                                                  | No. |
|------|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 1.   | ArcGIS Software License (50 Users)     | Supports integration with real-time data; Capabilities: Spatial Analysis, Data Visualization, Statistical Analysis, Geo-environmental Modeling | 1   |
| 2.   | Binoculars (2 Units)                   | Magnification: 10x42 mm; Design: Waterproof; Type: Roof Prism                                                                                  | 2   |
| 3.   | Camera                                 | Resolution: 32.5 MP; Video: 4K; Connectivity: Wi-Fi, Bluetooth                                                                                 | 1   |
| 4.   | Digital Microscope                     | Magnification: 50x-1000x; Camera Resolution: 5 MP; Connectivity: USB, HDMI                                                                     | 1   |
| 5.   | Digital Screen (75" Interactive Panel) | Display: 4K Ultra HD; Features: Touchscreen, Real-Time Collaboration, Wireless Connectivity                                                    | 1   |
| 6.   | Digital Spectrophotometer              | Wavelength Range: 340-1000 nm; Accuracy: $\pm 0.5$ nm                                                                                          | 1   |
| 7.   | Garmin GPS Units                       | Screen Size: 2.2 inches; Battery Life: 25 hours; Waterproof Rating: IPX7                                                                       | 1   |
| 8.   | Hitech Portable Water Quality Meters   | Parameters Measured: pH, Conductivity, DO, Turbidity                                                                                           | 1   |
| 9.   | Liquid Sampling Rods                   | Material: Stainless Steel; Length: 1.5 m                                                                                                       | 1   |
| 10.  | Microscope Camera                      | Resolution: 14 MP; Connectivity: USB 3.0                                                                                                       | 1   |
| 11.  | Multiparameter Photometer              | Parameters: pH, Nitrates, Phosphates, Ammonia; Range: 0-10 ppm                                                                                 | 1   |
| 12.  | Plankton Nets                          | Mesh Size: 65 $\mu$ m; Material: Nylon                                                                                                         | 1   |
| 13.  | Printer                                | Resolution: 5760x1440 dpi; Features: Wireless, Duplex Printing                                                                                 | 1   |
| 14.  | PUC Analyzer                           | Measured Gases: CO, CO <sub>2</sub> , HC, NO <sub>x</sub> ; Accuracy: $\pm 2\%$                                                                | 1   |
| 15.  | IoT Air Quality Monitor                | Parameters Measured: PM <sub>2.5</sub> , PM <sub>10</sub> , CO, CO <sub>2</sub> , SO <sub>2</sub> , NO <sub>2</sub> , O <sub>3</sub>           | 1   |
| 16.  | Radiation Meter                        | Range: 0.01-100 $\mu$ Sv/h; Accuracy: $\pm 15\%$                                                                                               | 1   |
| 17.  | Ceiling LIDAR                          | Range: 0-10 km; Resolution: 5 m; Layers Reported: Up to 4                                                                                      | 1   |
| 18.  | Silt Sediment Sampler                  | Material: Stainless Steel; Temperature Range: 0-70°C                                                                                           | 1   |
| 19.  | Water Samplers                         | Capacity: 5L; Depth Range: 0-500 m                                                                                                             | 1   |
| 20.  | Weather Monitoring Station             | Channels: 1/4/8/16; Input Ports: Analog/Digital                                                                                                | 1   |
| 21.  | Zoom Stereomicroscope                  | Magnification Range: 10x-45x; Illumination: LED                                                                                                | 1   |
| 22.  | Zooplankton Samplers                   | Trap Design: Schindler-Patalas; Material: Stainless Steel                                                                                      | 1   |
| 23.  | Zooplankton Identification Software    | Features: Species Key, Digital Library                                                                                                         | 1   |

|     |                                |                                                                                                                                                              |    |
|-----|--------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| 24. | Water Collection Containers    | Capacity: 250 ml; Material: Polypropylene                                                                                                                    | 1  |
| 25. | i7 Computer Systems (16 Units) | Processor: Intel i7 12th Gen; RAM: 8GB; Storage: 1TB HDD + 256GB SSD                                                                                         | 16 |
| 26. | Bioreactor                     | Capacity: 5L (Working Volume: 3.75L); Display: 5.7-inch TFT Touch Screen; Control: pH, DO <sub>2</sub> , Temperature, Agitation; Data Transfer: Excel Format | 1  |
|     |                                |                                                                                                                                                              |    |

### Department of Zoology

| SNo. | Name of Equipment                                 | Specification                                                        | No. |
|------|---------------------------------------------------|----------------------------------------------------------------------|-----|
| 27.  | Automated Nucleic Acid Extractor                  | Capacity: 16 samples/run; Speed: Up to 8000 rpm                      | 1   |
| 28.  | PCR Machine                                       | Cycling Block: 96 wells; Temperature Range: 4°C–99°C                 | 1   |
| 29.  | Wee Vert SDS PAGE Kit                             | Gel Size: 8 x 10 cm; Voltage: 200V                                   | 1   |
| 30.  | DNA Isolation Kit (50 samples)                    | Yield: 1-50 µg/sample; Purity: 260/280 ratio > 1.8                   | 1   |
| 31.  | DNA Purification Kit (50 samples)                 | Sample Types: Blood, tissues, plants; Capacity: 50 reactions         | 1   |
| 32.  | Protein Extraction Kit                            | Yield: >90% recovery; Purity: High                                   | 1   |
| 33.  | Centrifuge Mini (6000 rpm)                        | Max Capacity: 12 tubes (2 ml); Speed: 6,000 rpm                      | 1   |
| 34.  | Centrifuge Cooling                                | Speed: 15,000 rpm; Temperature Range: -20°C to 40°C                  | 1   |
| 35.  | Deep Freezer (100 Lit.)                           | Temperature Range: -20°C to -80°C; Capacity: 100L                    | 1   |
| 36.  | Double Distillation Plant                         | Output: 4L/hour; Conductivity: <1 µS/cm                              | 1   |
| 37.  | Garmin GPS Units                                  | Screen Size: 2.2"; Battery Life: 25 hours                            | 1   |
| 38.  | Portable Water Quality Meters                     | Parameters Measured: pH, DO, turbidity                               | 1   |
| 39.  | pH meter                                          | Range: 0.0–14.0 pH; Accuracy: ±0.01 pH                               | 1   |
| 40.  | Conductivity Meter                                | Range: 0–200 mS/cm; Resolution: 0.01 mS/cm                           | 1   |
| 41.  | Dissolved Oxygen Meter                            | Range: 0.0–20 ppm; Resolution: 0.01 ppm                              | 1   |
| 42.  | Digital Turbidity Meter                           | Range: 0–1000 NTU; Resolution: 0.01 NTU                              | 1   |
| 43.  | Liquid Sampling Rods                              | Material: Stainless Steel; Length: 1.5 m                             | 1   |
| 44.  | Water Collection Containers (100)                 | Material: Polypropylene; Capacity: 250 ml                            | 1   |
| 45.  | Biomass Analyzer                                  | Material Measured: Biomass from plants/animals; Output: Quantitative | 1   |
| 46.  | Spectrophotometer                                 | Wavelength Range: 340–1000 nm; Accuracy: ±0.5 nm                     | 1   |
| 47.  | Weighing Balance                                  | Capacity: 220 g; Accuracy: ±0.1 mg                                   | 1   |
| 48.  | Digital Electrolyte Analyzer                      | Parameters: Na, K, Cl, Ca; Accuracy: ±2%                             | 1   |
| 49.  | Digital Water Analysis Kit                        | Parameters: pH, DO, turbidity, salinity                              | 1   |
| 50.  | Digital Soil Analysis Kit                         | Parameters: pH, moisture, nutrients                                  | 1   |
| 51.  | Clinical Analyzer                                 | Functions: Biochemical and hematological analysis                    | 1   |
| 52.  | Camera                                            | Captures high-resolution field images.                               | 1   |
| 53.  | Lenses (Wide angle, Zoom, Micro & Filters) (Each) | Captures high-resolution field images.                               | 1   |

|     |                           |                                                              |   |
|-----|---------------------------|--------------------------------------------------------------|---|
| 54. | i7 Computer Systems       | Processor: Intel i7; RAM: 16GB; Storage: 1TB HDD + 256GB SSD | 1 |
| 55. | Drone Camera              | Range: 5 km; Resolution: 4K                                  | 1 |
| 56. | Tripod Stand              | Height: 1.6 m; Material: Aluminum                            | 1 |
| 57. | Glimbal                   | Rotation: 360°; Payload: 3 kg                                | 1 |
| 58. | Distance Measuring Device | Range: 100 m; Accuracy: $\pm 1$ cm                           | 1 |
| 59. | Computer                  | Data processing                                              | 2 |
|     |                           |                                                              |   |

### Department of Botany

| SNo. | Name of Equipment    | Specification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | No. |
|------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 60.  | Flash Chromatography | An automated flash chromatography system with programmable elution modes (isocratic, step, linear, and Rf gradient), pumping flow rate of 5–200 ml/min, and maximum pressure of 1.5 MPa (15 bar/217 psi). It supports up to 4 solvents in gradient, dual variable wavelength PDA UV-VIS detector (200–800 nm) with sensitivity 0.02–10.24 AUFS, fractionation by time/manual/peak/slope (valley), and racks to hold two sets of 18×150 mm tubes (75 tubes each) or alternative sizes (16×150, 13×100, 60×180 mm). Features include baseline correction, tandem column connection, automatic rack sensing, solvent modifier, TLC imager with built-in UV source and camera for automatic Rf-based method setup, software-controlled solvent/waste monitoring, and pressure-moderating grounded solvent path. The system includes solvent delivery pump with automatic gradient mixer, variable UV detector flow cell, fraction collector (FR 360), TLC imager reader, universal silica columns, disposable silica gel columns (25–40 $\mu$ m, pore size 60 Å), universal C18 columns (50 $\mu$ m, pore size 120 Å), racks, liquid/solid sample loader, touch pad PC controller (15.6"), and stabilizer. | 1   |
| 61.  | CO2 Incubator        | A CO <sub>2</sub> incubator with N-Smart™ microprocessor control system, temperature range ambient +7°C to 50°C with 0.1°C sensitivity, and fluctuation $\pm 0.3^\circ\text{C}/\pm 0.1^\circ\text{C}$ at 37°C. Programmable temperature alarms range $\pm 0.5^\circ\text{C}$ to 5°C. CO <sub>2</sub> range 0–20% with IR sensor, 0.1% set/display sensitivity, and variation $\pm 0.3\%/ \pm 0.1\%$ . Features auto-zero calibration every 12 minutes, contamination resistance with infrared sensor and 0.22 $\mu$ m inlet filter, and disinfection by 90°C moist heat (NüveDis™). Chamber volume 160 L, stainless steel rounded corners, three shelves (expandable to eight), 95 $\pm$ 5% RH humidity, recovery to 36.5°C in 8 minutes and 4.9% CO <sub>2</sub> in 3 minutes after 30 s door opening. Equipped with 4.3" LCD display, USB data reporting, alarms, and stabilizer.                                                                                                                                                                                                                                                                                                                    | 1   |
| 62.  | UV Transilluminator  | A research-grade UV transilluminator with single wavelength 312 nm, UV-LED light source, and 20×20 cm viewing area, capable of detecting samples as low as 0.1 ng.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1   |
| 63.  | Double Door Freezer  | Laboratory-grade double door freezer with a storage capacity of 282 L and temperature range –10°C to –20°C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1   |
| 64.  | Deep Freezer         | An upright ultra-low temperature freezer with –20°C minimum range and 200 L capacity, equipped with two trays, external                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1   |

|     |                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |   |
|-----|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
|     |                         | dimensions 800×975×1020 mm, 80 mm CFC-free polyurethane foam insulation, microprocessor temperature control, and 1" LED display. Safety features include power failure visual alarm and door-open audio-visual alarm. Internal chamber is stainless steel (304 grade) and external body is powder-coated CRCA steel.                                                                                                                                                                                                                                                                                                                                         |   |
| 65. | Ultrasonic Sonicator    | A probe-type ultrasonic sonicator with soundproof enclosure, touchscreen 4.3" TFT display, microprocessor-controlled programmable system, temperature controller (0–99°C), auto-tuning and frequency tracking (20–25 kHz), overload protection, and password security. Features include adjustable output amplitude (0–100%), 20 memory groups, 0.5–500 ml sample capacity, standard 6 mm titanium alloy probe, output power 6.5–650 W, auto fault alarms, data memory, and stabilizer compatibility.                                                                                                                                                        | 1 |
| 66. | Microplate Reader       | A microplate reader with 7" touchscreen (800×480), wavelength range 340–750 nm, absorbance range 0–4.000 Abs, resolution 0.001 Abs, and precision CV≤0.3%. Features include 8-position optical filter wheel with four filters (405, 450, 492, 630 nm), halogen lamp light source, read speed <6 s for 96-well plates, built-in shaker, endpoint/kinetic/multi-label modes, PC/Android export, built-in printer, storage for 1000 test records, three USB ports, incubation RT+4°C to 50°C, and integrated/PC software. Comes with stabilizer and 15.6" PC system.                                                                                            | 1 |
| 67. | Refrigerated Centrifuge | Microprocessor-controlled refrigerated centrifuge with brushless DC motor, capacity 4×100 ml (swing/fixed), and variable speed 500–15,000 RPM (max 22,388 g). Supplied with 4×50 ml and 24×2 ml rotor heads, digital display, auto rotor detection, memory for 99 programs, speed/time display, programmable ramps/brakes, imbalance detection, refrigeration to –10°C, and drainage line. CE certified with stabilizer.                                                                                                                                                                                                                                     | 1 |
| 68. | Inverted Microscope     | An inverted tissue culture trinocular microscope with brightfield and phase contrast, LED illumination, quintuple revolving nosepiece, coaxial coarse (37.7 mm rotation stroke) and fine (0.2 mm stroke) adjustments, plain stage (160×250 mm) with glass insert and auxiliary stage (70×180 mm), long working distance condenser (72 mm), and Plan Infinity objectives (Brightfield 4×/0.1, 40×/0.6; Phase Contrast 10×/0.25, 20×/0.4 with annulus plate). Supplied with EW10× eyepieces (FN 22), trinocular port, pre-centered annulus, flat-field optics.                                                                                                 | 1 |
| 69. | Rotary Evaporator       | Motorized rotary evaporator with auto-lift (170 mm adjustable, auto on power cut), 20–280 rpm bidirectional drive with soft start, NBR/PTFE sealing, vertical condenser (1200 cm <sup>2</sup> area, continuous feed), PTFE stopcock, threaded connectors, flask ejector, 5000 ml oval heating bath (water/oil, ambient+5°C to 200°C, accuracy ±1–2°C, resolution 0.1°C), power 1200 W with overshoot/over-temp cut-off. Includes vapor temperature sensor, PTFE-coated diaphragm vacuum pump (ultimate 5 mbar, 38 LPM), analogue vacuum controller (0–760 mmHg), and 4 L CFC-free chilled water circulator (–10°C to ambient, 750 W cooling, 15 L/min flow). | 1 |
| 70. | Biosafety Cabinet       | A Class II Type A2 biosafety cabinet, 4 ft (1180 mm) with usable dimensions 1200×530×590 mm, stainless steel interior                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1 |

|  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|--|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|  |  | and epoxy-coated steel exterior, counterbalanced sash door, armrests, drainage port, leveling stand, and autoclavable work tray. Dual HEPA filters (99.997% efficiency, ISO Class 3), UV germicidal lamp, blower, and fluorescent light. Microprocessor LCD controller with auto/manual modes, alarms (HEPA blockage, UV on, sash fluctuation), UV life/counter/guard, differential pressure display, dual motor, sound <65 dB, inward airflow for personnel/product protection, and energy-saving/sleep mode. |  |
|--|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|

### Smart Hybrid labs

| SNo. | Name of Equipment                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | No. |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| 71.  | <b>Smart Hybrid Lab:</b><br><br>i. 75" Interactive Visualization & Collaboration Panel,<br>ii. PTZ camera 4k,<br>iii. Wireless Mic,<br>iv. Trolley Stand For IFP | <p>A state-of-the-art Smart Hybrid Lab shall be established, equipped with:</p> <ol style="list-style-type: none"> <li>1. 4K UHD Interactive Flat Panel with multi-touch support, Android 13, and built-in digital whiteboard software.</li> <li>2. 4K PTZ AI Camera for lecture recording and live streaming.</li> <li>3. Wireless microphones and speaker systems for high-quality audio-visual communication.</li> <li>4. VR/AR equipment for immersive experiential learning.</li> <li>5. Advanced language learning tools for communication skills development.</li> <li>6. Integrated MOOCs platforms, including Coursera, edX and SWAYAM.</li> <li>7. SCORM-compliant Learning Management System (LMS).</li> <li>8. Access to global digital libraries including IEEE and JSTOR.</li> <li>9. Research and simulation software: MATLAB, COMSOL and ANSYS.</li> <li>10. Data analytics platforms: Python, RStudio and Tableau.</li> <li>11. Experimental equipment: Digital microscopes and IoT-enabled devices.</li> <li>12. Smart collaboration tools: Miro and Slack.</li> <li>13. Ergonomic smart workstations.</li> <li>14. High-speed internet with cloud-sync capabilities.</li> <li>15. Eco-friendly infrastructure.</li> <li>16. Trolley Stand for Panel with facility for online streaming</li> </ol> <p>The Smart Hybrid Lab shall support teacher and student engagement through real-time collaboration features,</p> | 5   |

|  |  |                                                                                                                       |  |
|--|--|-----------------------------------------------------------------------------------------------------------------------|--|
|  |  | automated lecture recording, and tools for professional communication, research presentations and project management. |  |
|  |  |                                                                                                                       |  |

**Place:** Amravati  
**Date:** 24/08/2026

**Sd/-**  
**Dr. G. V. Korpe**  
Principal  
Shri Shivaji Science College,  
Amravati