

 <p>Estd. 1962 "A++" Accredited by NAAC(2021) With CGPA 3.52</p>	<p><b>SHIVAJI UNIVERSITY, KOLHAPUR - 416 004, MAHARASHTRA</b> PHONE : EPABX – 2609000, <a href="http://www.unishivaji.ac.in">www.unishivaji.ac.in</a>, शिवजी विद्यापीठ, कोल्हापूर ४१६ ००४, महाराष्ट्र यशवंतराव चव्हाण स्कुल ऑफ रूरल डेव्हलपमेंट दुरध्वनी ईपीएबीएक्स २६०९००० <a href="http://www.unishivaji.ac.in">www.unishivaji.ac.in</a>, <a href="mailto:ycsrd@unishivaji.ac.in">ycsrd@unishivaji.ac.in</a></p>		
---	--	---	---

Ref: SUK/YCSR/2296

Date : 27/01/2025


## QUOTATION NOTICE

Shivaji University, Kolhapur has developed an Augmented Reality application for school education named SUK-AR. Sealed quotations are invited for 3 in 1 3D printer, Laser Engraver, CNC carver on the terms and conditions stated below.

Name of the Instrument	Specification	Quantity	Duration
3 in 1 3D printer, Laser Engraver, CNC carver	Specifications are listed below	1	15 days

Printing Technology :	FDM
3D printer Build Volume :	350 mm × 400 mm × 400 mm (Dual Nozzle)
Maximum Printing Speed :	300mm/s
Recommended Printing Speed :	180mm/s
Build Plate :	Double-sided PEI-coated Glass
Layer Height :	0.05-0.3mm
Extruder :	direct drive extruder
Filament Diameter :	1.75mm
Nozzle Diameter :	0.4 Standard [0.2 mm / 0.6 mm / 0.8 mm Brass Nozzle, 0.4 mm Hardened Nozzle]
Nozzle Temperature :	≤ 300°C
Max. Heated Bed Temperature (Inner Zone) :	110°C
Max. Heated Bed Temperature (Outer Zone) :	80°C
Build Surface :	Flexible build plate
Leveling Mode :	Auto-leveling and calibration
Supported Formats :	stl, svg, png, jpg, jpeg, bmp, dxf
Supported Materials :	Wood, acrylic, PCB, carbon fiber sheet, jade, etc

Laser Engraving and Cutting Build Volume	:400 x 400 x mm
Maximum Engraving Speed :	100 mm/s
Camera :	Built-in camera
Laser Power :	10W
Laser Type :	450 nm-460 nm Semi-conductor
Safety Class :	Class 4
Supported Engraving Materials :	Basswood, Paulownia, Pinewood, Plywood, Beech, Walnut, Bamboo, MDF, Painted Metal, copper-clad laminate, Tinplate, Stainless Steel, Anodized Aluminum, Dark Glass, Slate, Ceramics, Jade, Marble, Shale, Fabric, Canvas, Corrugated Paper, Cardboard, Plastic, Dark Acrylic (Blue excluded)
Supported Cutting Materials	:Basswood, Paulownia, Pinewood, Plywood, Beech, Walnut, Bamboo, MDF, Leather, Fabric, Canvas, Corrugated Paper, Cardboard, Plastic, Dark Acrylic (Blue excluded)
CNC Carving Build Volume :	400 x 400 mm
CNC Carving Module Wattage :	200W
Maximum Spindle Speed :	18,000 RPM
Maximum work speed :	Beech 50 mm/s, Acrylic 33 mm/s
Shank Diameter :	0.5-6.35 mm
Spindle Speed :	6,000-12,000 RPM
Supported Materials :	Hardwood (Beech, Walnut), Softwood, HDF, MDF, Plywood, Jade, Carbon Fiber, Acrylic, Epoxy Tooling Board, PCB
Frame Material :	Aluminum alloy
Data Transmission Methods :	Wi-Fi, USB cable, USB flash drive
Touchscreen Specs :	5 in., Android OS, Quad-core 1.1 GHz ARM Cortex-A7
Supported OS :	Windows, macOS, Linux
Integrated Controller Power :	300W + 400W
Power Loss Recovery :	Yes
Printable File Format :	G-Code
Slicing Software :	compatible with Cura,
Product Dimensions (Machine & Enclosure)	:665 mm x 943 mm x 705 mm

  
**Principal Investigator**  
**(Mr. Sudhir Bharat Desai)**

## **Terms and Condition**

1. **No advance payment will be given at the time of purchase order.**
2. Not more than one quotation shall be submitted by one contractor or contractors having business relationship.
3. Technical and Commercial bids should be provided in separate envelope.
4. All the Bidders should ensure that they are GST compliant and their quoted tax structure/ rates as per GST Act/ Rules. Bidder should be registered under GST and furnish GSTIN number and GST Registration Certificate in their offer unless they are specifically exempted from registration under specific notification/ circular/ section/ rule issued by statutory authorities.
5. GST will be applicable as per rules and regulations.
6. All duties, Taxes, and other levies payable by the supplier under the contract **shall be included** in the unit price.
7. The prices quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
8. The Prices should be quoted in Indian Rupees only.
9. The quotation would be evaluated for all items together.
10. Award of contract: The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quoted price.
11. Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of the contract.
12. The bidder whose bid is accepted will be notified of the award of contract by the Purchaser before the quotation validity period expires. The terms of the accepted offer shall be incorporated in the purchase order.
13. Full Payment shall be made in Indian Rupees after Delivery
14. **You are requested to provide your offer latest by 18:00 hours on 03/02/2025**
15. Sealed quotation to be submitted/ delivered at the address mentioned below, Inward/Outward section, Shivaji University Kolhapur-416004, Maharashtra.
16. For any queries contact: Mr. Sudhir B. Desai - 9673748181, Dr. Vaishali P. Bhosale - 9422582710