



SUPERIOR  
UNIVERSITY

# 3D Printing Services for Research & Development

## Rapid Prototyping & Additive Manufacturing Solutions

Accelerate your R&D with specialized 3D printing and additive manufacturing services. From simple mechanical components to complex functional assemblies, we provide a complete workflow: design, slicing, printing, clean-up, and Dimensional Validation.

Service	Description	Turnaround Time	Price(PKR)
CAD Modeling – Basic	Brackets, clips; 2 modifications	1 Week	3,000–5,000
CAD Modeling – Intermediate	Functional parts with tolerances, ribs, fillets	2 Weeks	6,000–10,000
CAD Modeling – Advanced	Complex geometries & assemblies	4 Weeks	15,000–20,000
CAD Modification / Reverse Engineering	STL/STEP editing	1–4 Weeks	3,000–13,000
Slicing & Process Planning	Layer height & support optimization	2 Days	1,000–1,500
FDM 3D Printing (PLA)	White/Black: 25–30/g; Assorted: 30–35/g	As per size	Material usage
Post-Processing	Support removal & surface polish	1 Day	1,000–1,500
Dimensional Verification	Vernier & gauge measurement	1 Day	500–1,000

## What We Offer

**CAD Modeling:** Basic to advanced components, including 2 revisions per design

**Reverse Engineering:** Redesign or edit existing STL/STEP parts

**Slicing & Process Planning:** Layer height, support, and infill optimization

**FDM 3D Printing:** Single or assorted color PLA

**Post-Processing:** Support removal, surface polishing, and dimensional verification

## Strict R&D Usage Only

Legally approved materials

No prohibited, hazardous, or illegal items

Management reserves the right to refuse unethical or unsafe orders

## CAD Model Submission

### Technical & Design Consultation:

Engr. Muhammad Sameer – Lead Design Engineer

+92 (0) 304 4748702 | muhammad.sameer@superior.edu.pk

### Lab / Prototype Pickup:

Department of Aviation Engineering & Technology (DAET)

Faculty of Engineering & Technology, The Superior University

17 KM Raiwind Road, Lahore