

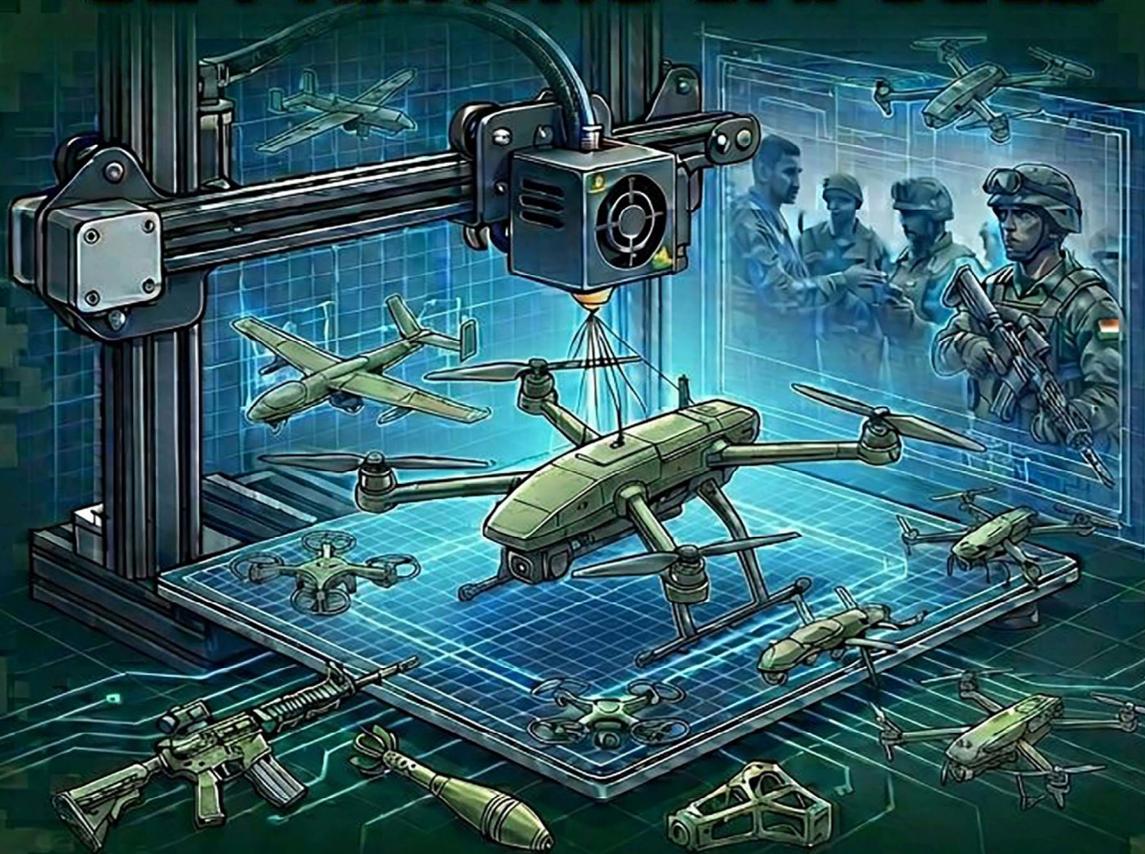


Vasavi College of Engineering (A) & Indian Army



Outreach programme  
#MissionAdditiveManufacturing

# BISON DIV 3D PRINTING CAPSULE



**DESIGN:**  
CAD & 2D/3D Modeling  
| Creating digital assets for rapid prototyping



**ACQUISITION:**  
3D Scanning & Prep  
| Data capture, STL/OBJ processing



**MANUFACTURING:**  
Build & Calibration  
| FDM Machine setup, Advanced modeling



**TACTICAL APPLICATION:**  
Mini-Project & Evaluation  
| Design to Final Print deployment



**OPERATIONAL READY:**  
Troubleshooting & Finishing  
| Multi-materials (ABS, PLA), Warping fixes, Support removal

**DATES:** 24 Mar – 07 Apr 2026

**LOCATION:** Department of Mechanical Engineering,  
Vasavi College of Engineering (Autonomous),  
Ibrahimbagh, Hyderabad

**"PRECISION IN EVERY LAYER. STRENGTH FOR EVERY MISSION."**