

Registered company :
Kalpnest Engineering Private limited

CIN: U28299BR2024PTC072695

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KALPNEST ENGINEERING PRIVATE LIMITED



ABOUT US

3DIEST is Bihar's first FABlab providing state-of-the-art 3D printing, CAD design, and reverse engineering solutions to empower MSMEs, startups, and industries. We help businesses accelerate product development, prototyping, and small-scale manufacturing with cost-effective and high-quality solutions.

WHY CHOOSE US?

- Bihar's First FABlab - Localized, high-tech engineering solutions.
- Fast & Affordable - Reducing prototyping costs & lead times.
- Industry-Standard Expertise - Autodesk Fusion 360, advanced 3D printing.
- Customizable & Scalable Solutions - Tailored to meet unique MSME needs.
- Sustainable & Efficient - Reducing material waste and optimizing production.

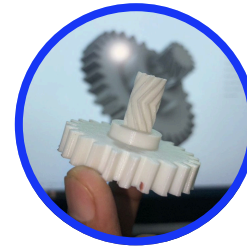
INDUSTRIES WE SERVE

- Manufacturing & Industrial Automation
- Automotive & Robotics
- Consumer Products & Home Appliances
- Medical & Healthcare Devices
- Construction & Architecture
- Creative & Custom Design Projects

OUR GLOBAL CLIENTELE



OUR SERVICES

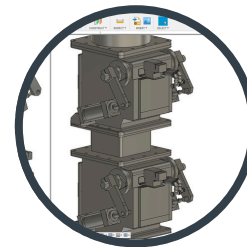
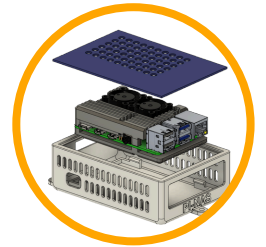


3D Printing & Prototyping

- FDM & Resin Printing - For functional prototypes, product development, and small batch manufacturing.
- Custom Part Manufacturing - Small-scale production of end-use parts.
- Material Options - PLA, ABS, PETG, Nylon, TPU, Resin, and more.
- High-Resolution & Complex Geometry - Achieve intricate details with industrial-grade 3D printing.

Product Design & CAD Modeling

- Concept-to-Prototype Design - Full-cycle design solutions from sketches to working prototypes.
- Industrial & Mechanical Design - Optimized models for manufacturing feasibility.
- Parametric & Generative Design - Smart designs for strength, efficiency, and cost-effectiveness.



Reverse Engineering & Digital Reconstruction

- Component Replication - Convert old or damaged parts into 3D models for re-manufacturing.
- Product Improvement - Modify and enhance designs for better performance and efficiency.
- Custom Adaptations - Tailored modifications to suit industry-specific needs.

Small Batch Manufacturing & Customized Production

- Low-Volume Manufacturing - Ideal for MSMEs looking for cost-effective production.
- Custom Jigs, Fixtures & Tooling - Precision solutions for industrial applications.
- Bridge Production - Interim manufacturing before large-scale production.



Innovate | Fabricate | Elevate