

S.Boopathi

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Educational Qualification

Course	Institution	Board/University	CGPA(%)
B.E. Mechanical Engineering	VISTAS, Chennai	VISTAS	7.990 (Pursuing)
Diploma (Tool & Die)	NTTF, Vellore	NTTF	7.44 (Aug 2022)
SSLC (10th)	N. Krishnaswamy Hr.Sec. School	State Board	51% (Mar 2019)

Projects and Internships

Organization	Project Title	Duration	Description
Siemens CoE, MIT Anna University	CAD & CAE using Siemens NX	4 Weeks	Designed 3D models, performed basic simulations.
GAAGS Technologies Pvt. Ltd.	Fusion 360 CAD Design	1 Month	Developed 3D parts and assemblies.
NTTF, Vellore	Sink Strainer Tool Design	3 Months	Built forming tool using SNX-63; handled design to manufacturing.
VELS University	Sisal Composite Vibration Study	6 Months	Studied natural fiber damping behavior.
GDP Training	Industrial Practices	2 Weeks	Learned CNC operation, inspection, and safety.

Area of Interest

Tool and Die Design, Product Development, CAD/CAM, CNC Machining, Additive Manufacturing.

Technical Skills

- AutoCAD, Siemens NX, SolidWorks, Fusion 360
- GD&T, Precision Measurement, Blueprint Reading
- CNC Setup and Operations

Certifications

- NSDC Level 5 — Certified Tool and Die Maker
- NSDC Level 5 — CNC Setter cum Operator (VMC)
- AutoCAD (A Grade), SolidWorks (Cadem)
- NPTEL Certifications:
 - Introduction to Machining and Machining Fluids
 - Fundamentals Of Manufacturing Processes
 - Advanced Machining Processes

– Manufacturing Guidelines For Product Design

Achievements

- Received '**O**' **Grade** in Siemens NX Internship
- successfully completed training on **Industrial Safety** with *Seed For Safety*
- Managed CAD design submissions in inter-college events
- Coordinated prototype tool development for academic projects

Co-Curricular Activities

- Attended VCADD workshop on Mechanical Product Design
- Participated in CAD and Reverse Engineering Internships
- Completed technical seminars on advanced manufacturing

Extra-Curricular Activities

- Sports volunteer and active member in student clubs
- Led departmental fests, technical workshops, and student teams
- Event organizer in symposiums

Strengths

Team player, quick learner, problem solver, hands-on CAD and CNC experience

Languages Known

Tamil, English