



NITHIN SHANDILYA

B.E (batch of 2021)
Mechanical Engineering
BNM Institute of Technology
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PROFILE

A passionate learner, excited to apply my knowledge and skills to build and innovate technologies. Ready to explore and learn new technologies and acquire new skills to improvise and apply them to efficiently solve problems. Eager to meet and work with people to learn and work together for a better future.

EDUCATION

Bachelor of Engineering	BNM Institute of Technology, Bangalore	2021	7.70/10 CGPA
II PUC	RV PU College Bangalore	2017	77.16%
X Th STD (ICSE)	Sree Rama Vidyalaya, Bangalore	2015	85.50%

EXPERIENCE

Design Engineering Intern at HYCUBE WORKS PVT LTD. (August 2020 – November 2020)

- Design of 3D printer
- Research and Development of new technologies at affordable prices

Intern at COMPETENCES FACTORY PVT LTD. (July 2019 – August 2019)

- Automotive Career Design Internship
- Certificate link: <https://bit.ly/3hUxUIP>

Intern at Ezenith Education (January 2019)

- Automobile Development internship
- Technical paper presentation
- Certificate link: <https://bit.ly/2FW9lb3>

PROJECTS

DESIGN OF FILAMENT DEPOSITION MACHINE (FDM) 3D PRINTER (at HYCUBE WORKS PVT LTD)

- Designed using SOLIDWORKS for a better understanding of the structure of the machine before fabrication.

RESEARCH AND DEVELOPMENT OF DIRECT LASER METAL SINTERING 3D PRINTER (at HYCUBE WORKS)

- Developing new technology for obtaining better quality of 3D printed products.

RESEARCH PAPER ON IMPACT OF DEEP ROLLING SURFACE TREATMENT PROCESS ON SURFACE

INTEGRITY OF AI 2024 ALLOY

- Submitted in proceedings at International Conference on Advanced Materials Science and Applications (ICAMSA) (online), MS Ramaiah Institute of Technology
- Currently working on publishing in suitable journal

TOOL CHANGEOVER TIME REDUCTION (AT HITACHI ASTEMO FIE PVT LTD)

- Reduction of tool changeover time in assembly line to increase productivity.

ACHIEVEMENTS

AWARD FOR FIRST CLASS DISTINCTION

- In IV, VI, VII AND VIII SEMESTERS

MERIT CERTIFICATE FROM EZENITH EDUCATION

- For excellent performance during the internship

GOLD MEDAL FROM EZENITH EDUCATION

- First place for best presenting team among 6 teams

SKILLS

TECHNICAL SKILLS

- SOLIDWORKS
- SOLIDEDGE
- MICROSOFT OFFICE
- C++ PROGRAMMING LANGUAGE
- HTML

NON-TECHNICAL SKILLS

- COMMUNICATION
- TEAMWORK
- PRESENTATION

CERTIFICATES

- **PARTICIPATION AND PRESENTATION OF PAPER AT INTERNATIONAL CONFERENCE FOR ADVANCED MATERIALS SCIENCE AND APPLICATION (ICAMSA) (ONLINE)**
- **CAREER EDGE KNOCK DOWN THE LOCKDOWN**
Soft skills course by TCS ION
- **SUPPLY CHAIN LOGISTICS (COURSERA)**
Understanding how logistics companies manage transportation
- **SUPPLY CHAIN OPERATIONS (COURSERA)**
Understanding how companies can smooth out operations to manufacture efficiently
- **SUPPLY CHAIN PLANNING(COURSERA)**
Understanding how companies forecast sales and operations
- **GEOMETRIC DIMENSIONING AND TOLERANCING (UDEMY)**
- **COMPLETE INTRODUCTION TO C++ PROGRAMMING LANGUAGE**

LANGUAGES

- ENGLISH (FLUENT)
- KANNADA(FLUENT)
- HINDI(FLUENT)
- TELUGU (CONVERSATIONAL)