

VIVEK K KANNAMPURATH



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PROFILE

Mechanical Engineer with extensive expertise in 3D designing and 3D printing. Have multiple years of proven project management and team leading experience in operations, research and product development.

EXPERIENCE

October 2018 – **Mechanical Design Engineer**

September 2021 Additive Manufacturing Infra Development PVT. LTD.
Bangalore, India

Heading the core team for design and product development projects for the Digital Manufacturing Hub and Design Studio. Executing research projects for modernising traditional craft to increase productivity and earnings of rural artists and craftspeople. Training of internal resources and craftspeople on Additive Manufacturing and Design for Additive Manufacturing.

January 2018 - **Mechanical Design Engineer**

August 2019 CONCEPTIVERS 4D
Kerala, India

Freelance designing of 3D models, mechanical components and other highly customised parts both functional and decorative. Optimisation of designs for manufacturing both conventional and additive manufacturing, specialised in 3D Printing.

September 2017 – **Design Engineer - Additive Manufacturing**

March 2018 Global 3D Labs
Hyderabad, India

Hands-on experience in 3D printing with Fused Deposition Modelling (FDM) and Digital Light Processing (DLP), both on assembly of 3D Printers and designing parts for 3D printing.

CERTIFICATIONS

SOLIDWORKS -Specialised Training in Design for Manufacturing (2018)
Conceptia Software Technologies - Dassault Systèmes

SOLIDWORKS 2020 Essentials Training (2020)
Online Course – LinkedIn Learning

Introduction to Geometric Dimensioning and Tolerancing (2020)
Online Course – LinkedIn Learning

Project Management Simplified (2021)
Project Management Institute

Strategic Planning Foundations (2021)
Project Management Institute

SKILLS

- **Designing:** SOLIDWORKS, Autodesk Fusion 360, AutoCAD, CREO
- **Additive Manufacturing:** 3D Printing (slicing, preparation, printing & post processing)
- **Project Management:** Cross-Functional Team Management and Detailed Project Report Preparation
- **Manufacturing:** Computer Numerical Control (CNC) machining and conventional machining techniques
- **Data Processing:** Proficient in Microsoft Office and Google Docs.
- **Communication:** English (Proficient), Hindi (Proficient), Malayalam (Native)

ACADAME

2017	M-TECH: Manufacturing Systems Management, APJ Abdul Kalam Technological University PROJECT: Optimization of Maintenance Strategy Using ANP: A Case Study of KAMCO, Ltd.	8.12 CGPA
2014	B-TECH: Mechanical Engineering, University Of Calicut PROJECT: Design and Fabrication of Pneumatic Stretcher- Chair Device for Paralyzed Patients.	6.99 CGPA

PUBLICATIONS

- Pneumatic Stretcher- Chair Device for Paralyzed Patients, Published in **IJERT** Journal (Vol.3, Issue.3, March 2014)
- Pneumatic Stretcher- Chair Device for MND Patients, Presented at **NCLTME-2014**

ACTIVITIES

- Volunteer for Blood Donors Kerala Association from 2015
- Member of Production Engineering Association through 2015-2017
- Volunteered for OASIS - Pain & Palliative Care through 2015-2017
- Member of Indian Society of Technical Education through 2010-2014
- Member of Mechanical Engineering Association at MESCE through 2010-2014
- Headed a committee in conducting Project Expo as part of MESTECH-2014 at MESCE
- Conducted a Machine Assembly Workshop and Competition as part of Stordisk-2012 at MESCE

REFERENCE

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|-------------------|---|
| Aviral Kedia | <ul style="list-style-type: none">· Director, Additive Manufacturing Infra Development PVT. LTD., Bangalore, India· Contact: +91 95352 70772 |
| Varun V Sivaswami | <ul style="list-style-type: none">· QA/QC Manager, National Power Construction Corporation (NPCC), Dubai, UAE· Contact: +971 58 651 7657 |