



## Full Day Training

Giving you all the knowledge required to become a 3D printing 'Elite' User. Topics discussed: Filament, Open Source Hardware, Troubleshooting and Designing for 3D Printing. This full day workshop is designed to help you push the boundaries of what is possible with 3D Printing and is essential for anyone who wants to inspire others to engage with this exciting technology.

### *Modules:*

- Installation
- Introduction and familiarisation to Hardware
- Introduction and familiarisation to Software
- Introduction and familiarisation to materials
- Introduction and familiarisation to scanning
- Introduction and familiarisation to troubleshooting

### **Installation Training**

- Hardware
  - Software
  - Materials
  - Scanning
  - Troubleshooting
- 

### **Hardware Training**

- Basic operation
  - Optimal setup and configuration
  - Calibrations
  - Connectivity
  - Maintenance
  - Increasing Uptime
- 

### **Materials Training**



# 3D GBIRE

# Photocentric

- Intro to manufacturers materials
  - Optimising printing method for materials
  - Material application
  - A review of 3rd party materials/What is available on the market, Carbon filled, Glass fibre filled, Stainless Steel etc.
  - Key considerations of the materials
  - Optimising the process for the materials.
- 

## **Software**

- Introduction to Slicing
  - Optimising printing for - Speed/Strength/Quality
  - Optimising for 3DP
  - Enhanced setting investigation, review of the Custom settings
- 

## **Troubleshooting**

- Solve simple issues
- Simple part replacements (where appropriate)
- Preventative maintenance.