

# **Abstract**

**Mahmoud A El-Sayed**

## **Manufacturing of Ti-6Al-4V Micro-Implantable Parts using hybrid Selective laser melting and micro-electrical discharge machining**

This research is carried out to cover the gap in producing high-precision microcomponents using SLM as well as to study the potential of using m-EDM in the field of additive manufacturing. The process offers an optimized process to manufacture high quality micro implantable components with the highest density and the best surface finishing