



Technology Development Board

Department of Science & Technology

Technology Development Board

supports

M/s Orange Koi Private Limited, Vishakhapatnam

for

“Development & Commercialization of ‘Metal Injection Molding of Implants, Robotic Surgical Instruments & Devices’”



Agreement Signed on 30.03.2022

Technology Development Board has approved financial support to Visakhapatnam based startup company M/s Orange Koi Private Limited for their project on “Metal Injection Molding of Implants, Robotic Surgical Instruments & Devices”. The company aims at implementing the Metal Injection Molding (MIM) process for the manufacturing of medical surgical instruments and device components like bone cutters, rongeurs, curettes, castroviejo callipers, haemostatic forceps, allis tissue forceps, crile, alligator surgical forceps, tweezers, scissors spring, metzenbaum wound closure clips, clamps, needles, staplers, surgical accessory spoons, spatulas, catheters, surgical kits dental etc.

MIM is a technology for manufacturing complex, precision, net shape components from either metal or ceramic powder. The potential of MIM lies in its ability to combine the design flexibility of plastic injection molding and the versatility of unlimited choice of material offered by powder metallurgy.