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| **CNC DIE SINKING EDM** | **Name of the equipment:** CNC Die Sinking EDM**Make & Model:**Electronica**I-Stem Registration ID-** **3224899****Category of Instrument**Production Engineering**Application:** Tool die making, Injection Moulding, Precision component manufacturing, Blind cavities, Blind keyways, Internal splines**Description of Instrument**CNC Die Sinking EDM machine is a precision tool that uses electric sparks to erode material from a workpiece, creating complex shapes and intricate designs in metal dies |

**Booking Details**

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| **Book through I-STEM:** <https://www.istem.gov.in/>**Slot Booking Link**[I-STEM Slot Booking link for External User](https://www.istem.gov.in/equipment-info/24899/CNC-EDM-Electronica-Xpert-1) | **Booking available for**Internal and External Both**Requisition form for** [Internal](https://randc.nitc.ac.in/pdf/instruments/med/20.%20Internal.pdf)[External](https://randc.nitc.ac.in/pdf/instruments/med/20.%20External.pdf) |
|  | **Contact Details** |
| **Faculty In-charge:** Dr. Vikash Kumar**Email ID:**vikash@nitc.ac.in**Phone number:** +91-8638366093 | **Technical Staff:** Sanal PR (TA SG I) sanal@nitc.ac.inJithin Krishna M (TA)jithinkrishnam@nitc.ac.in Jijeesh k (ST) jijeeshk@nitc.ac.in | **Department**MED**Office Email ID**medoffice@nitc.ac.in**Location**Production Engineering LabProduction Block**Lab Phone No**0495-2286450 |

**Features, Working Principle and Specifications**

**Instrument Technical Description and Major Specifications:**

Longitudinal travel (x) - 400mm

Transverse travel (y) - 300mm

Max permitted load on the table - 1000kg

Max electrode weight - 50kg or more without c axis 25kg or more with c axis

Max work piece height - 250mm

**Type of sample Required:** Conducting Samples only

**User Charges Rs. (GST Extra)**

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| **Internal** | **External Academic Institutes** | **National R&D Lab** | **Industry** |
| 200/- per hour | 250/- per hour + GST | 250/- per hour + GST | 250/- per hour + GST |