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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](mailto:vikash@nitc.ac.in)  **Phone number:**  +91-8638366093 | **Technical Staff:**  Sanal PR (TA SG I)  [sanal@nitc.ac.in](mailto:sanal@nitc.ac.in)  Jithin Krishna M (TA)  [jithinkrishnam@nitc.ac.in](mailto:jithinkrishnam@nitc.ac.in)  Jijeesh k (ST)  [jijeeshk@nitc.ac.in](mailto:jijeeshk@nitc.ac.in) | | **Department**  MED  **Office Email ID**  [medoffice@nitc.ac.in](mailto:medoffice@nitc.ac.in)  **Location**  Production Engineering Lab  Production 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 |