**Rack Server**

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|  | **Name of the equipment:**  RACK Server  **Make & Model:**  Dell PowerEdge R750  **I-Stem Registration ID:**  3245580  **Source of funding:**  Plan fund 2022-23  **Location:**  ITL 305  **Description of Instrument:**  The Dell PowerEdge R750 is a 2U, dual-socket rack server designed for performance, scalability and versatility. |

**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/45580/Rack-Server) | **Booking available for**  Internal and External Both  **Requisition form for**  [Internals](https://randc.nitc.ac.in/pdf/instruments/csed/Internal.pdf)  [Externals](https://randc.nitc.ac.in/pdf/instruments/csed/External.pdf) |

**Contact Details**

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**Features and specifications**

Rack Server

**Processor -** Intel Xeon Gold 5318Y 2.1g

**RAM -** 128 GB and scalable up to 1TB

**Storage -** 4.8 TB

**GPU Support -** NVIDIA A40 48GB

**OS -** Ubuntu 22.10

**Unique features/Measurement capabilities, if any:**

GPU Support - NVIDIA A40 48GB

**User Charges Rs. (Inclusive of GST)**

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| **Internal** | **External Academic Institutes** | **National R&D Lab** | **Industry** |
| 20 Rs per hour/GPU | 50 Rs per hour/GPU | 100 Rs per hour/GPU | 200 Rs per hour/GPU |