

**RACK SERVER**

**Photo of Instrument:**



<b>Instrument Name</b>	Rack Server
<b>Instrument Model &amp; Serial No.</b>	DELL POWER EDGE R750 SERVER S/N - 6MTNFV3
<b>Instrument Make</b>	DELL
<b>Category of Instrument</b>	Computational Facility
<b>Description of Instrument</b>	PowerEdge R750 Server Serial No: - 6MTNFV3 Warranty: - 5 Years
<b>Instrument Technical Description and Major Specifications (This Specifications Limited to Major 5)</b>	DELL POWER EDGE R750 SERVER Rack Server <b>Processor</b> - Intel Xeon Gold 5318Y 2.1g, <b>RAM</b> - 128 GB and scalable up to 1TB <b>Storage</b> - 4.8 TB <b>GPU Support</b> - NVIDIA A40 , 48GB. <b>OS</b> - Ubuntu 22.10
<b>Application of Instrument (Limited to Major 4 or 5)</b>	This server is being used for Machine Learning and Deep Learning applications of PG and PhD students of the department in the areas like BioMedical Image Analysis, Bioinformatics, Computer Vision, and NLP.
<b>Type of Sample Required for Analysis / Testing (Quantity, Pre-Preparation, State etc.)</b>	NA

## Department of Computer Science & Engineering, NIT Calicut

<b>Guidelines for Sample Submission – User Instructions</b>	
<b>Types of Analysis / Testing</b>	NA
<b>Faculty In-Charge Name / Email / Contact</b>	<b>Dr Gopa Kumar G</b> gopakumarg@nitc.ac.in, 9446032724
<b>Technical Staff Name / Email / Contact</b>	<b>Mr. Brijalal V S</b> brijalalvs@nitc.ac.in, 9567062569
<b>Location of Instrument</b>	ITL 305
<b>Other Details</b>	

### User Charges

<b>S.NO.</b>	<b>Type of Analysis / Testing</b>	<b>Internal - within Department of NITC</b>	<b>Internal - Other Departments NITC</b>	<b>External Academic Educational Institutes</b>	<b>National R&amp;D Labs</b>	<b>Industry</b>
1	NA	NA	5 Rs per hour/CPU	10 Rs per hour/CPU	20 Rs per hour/CPU	50 Rs per hour/CPU

### Slot Booking and Payment Work Flow: