

# Supporting Document for Qualitative Metric 4.3.1



Submitted to NAAC  
By  
Einstein Academy of Technology and Management (EATM),  
Bhubaneswar



## **Einstein Academy of Technology and Management (EATM) Bhubaneswar**

### ***4.3.1 Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection***

The IT facilities available in our college can be summarized as follows,

#### **LAN Facility**

There are 26 data network switches (Giga byte), 02 POE network switches for access points, CCTV cameras, 200 Mbps of internet connectivity is shared across the campus.

#### **Server configurations in data centre**

There 02 servers with Xeon E-5 version-2, 8GB RAM, 1.0TB hard drive, which are served as Domain Controller (DC), Additional Domain Controller, student biometric server, faculty biometric server and application servers.

Back up device- 2TB for critical server back up

#### **Workstation**

374 desktops are now available for all department laboratories with configurations of Pentium dual core i3, 3 generation, 4GB, 1TB hard disk with LAN connectivity. 60 desktops with configurations of core i3 4GB, 500GB and dual core 250GB, 2GB hard disks are available to carry out academic and administrative work.

#### **Software**

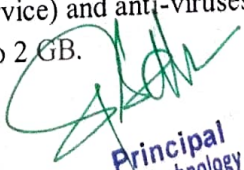
Windows 2008 server and windows 2011 multi point servers available. We also use open source operating systems such as Fedora, Ubuntu and CentOS.

#### **Printers**

26 Laser jet printers, 3 Xerox canter's and 2 scanners are provided across the campus for academic and administrative purposes.

#### **Updates and up gradation**

Updates are maintained regularly through WSUS (Windows Server Update Service) and anti-viruses are updated through cloud portal. Ram has upgraded in 35 computers in 1GB to 2 GB.

  
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## Wi-Fi

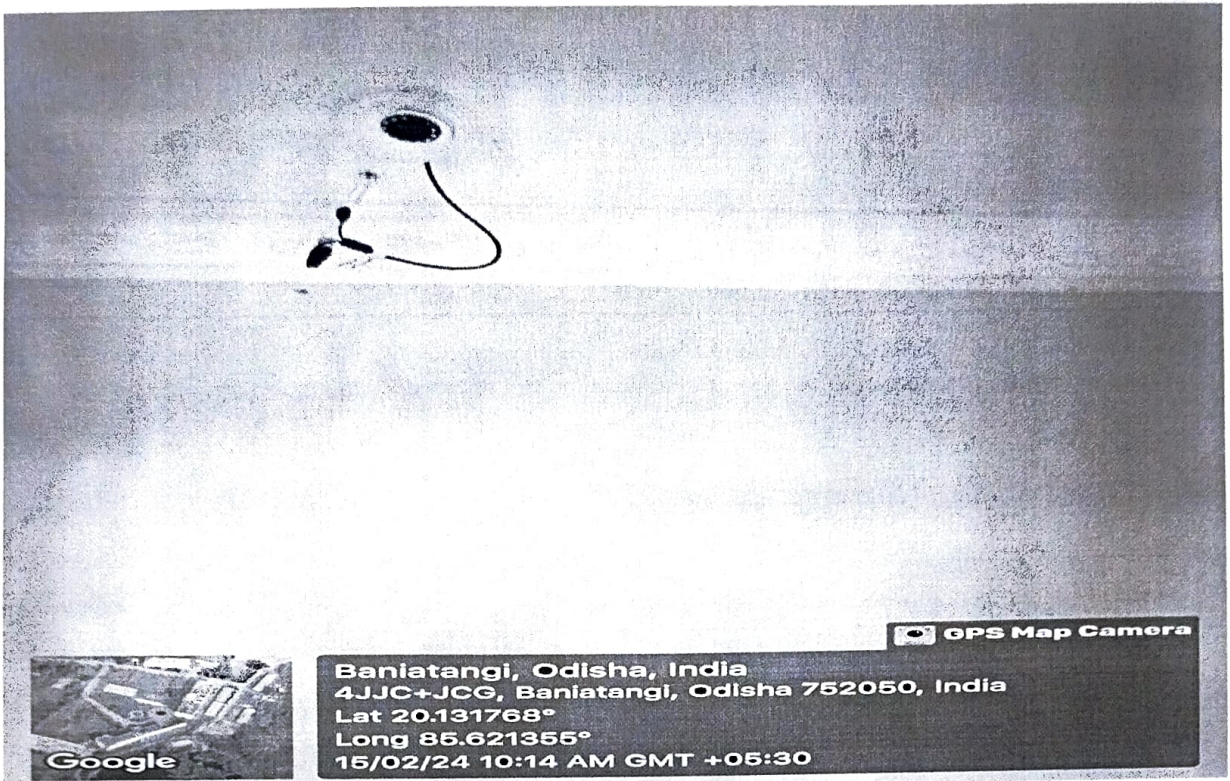
24 Extendable Wi-Fi access points are placed in various places like Library, Corridors, Labs, Hostels, Canteen and Outdoor. Wi-Fi access is provided to all the students which is monitored and controlled by Linux server at the IT department for secure content access. All access points are routed to a Wi-Fi controller in the Data Centre where configuration and updates are maintained in a centralized fashion.

A comparison of IT facilities including Wi-Fi, in 2018-19 and 2022-23 can be summarized as follows:

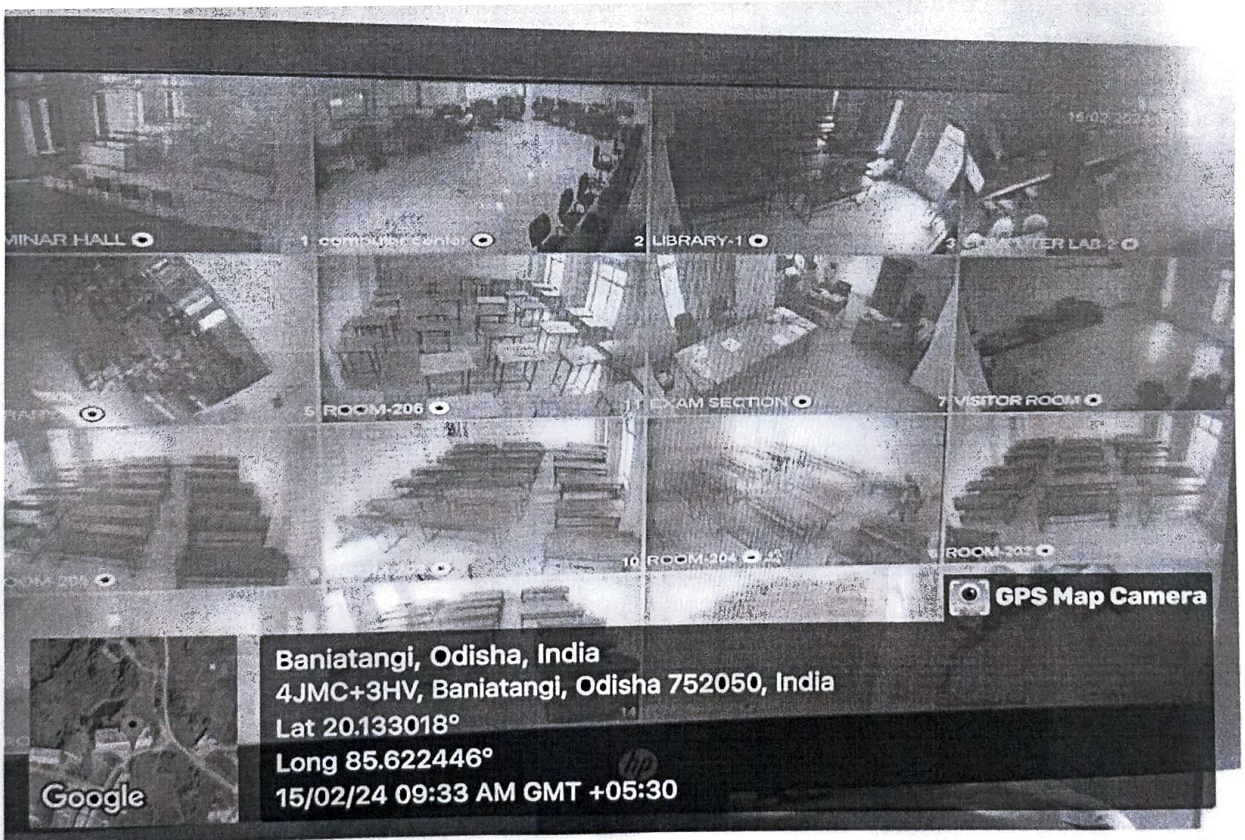
Sl. No.	Items	2018-19	2019-20	2020-21	2021-22	2022-23
1	No. of Computers	373	350	370	395	410
2	Bandwidth	200 mbps	200 mbps	200 mbps	200 mbps	200 mbps
3	Desktop Configuration	Pentium 4	Dual Core	Pentium R	I 3	I4
4	Accessories (Printers)	19	19	21	21	21

  
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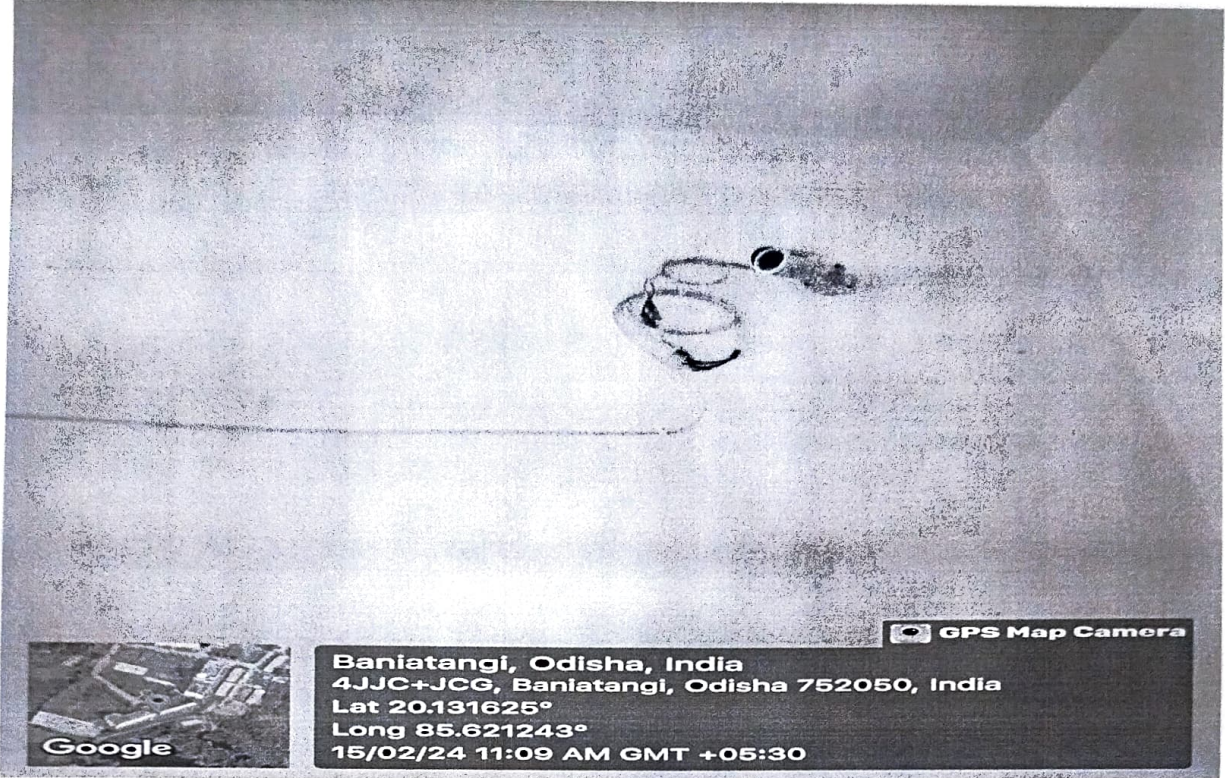
**CCTV Camera used in Class room**



**Display of the control room of CCTV cameras (32 no of camera installed in class Room)**

*[Handwritten Signature]*  
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CCTV camera used in the Boys' hostel



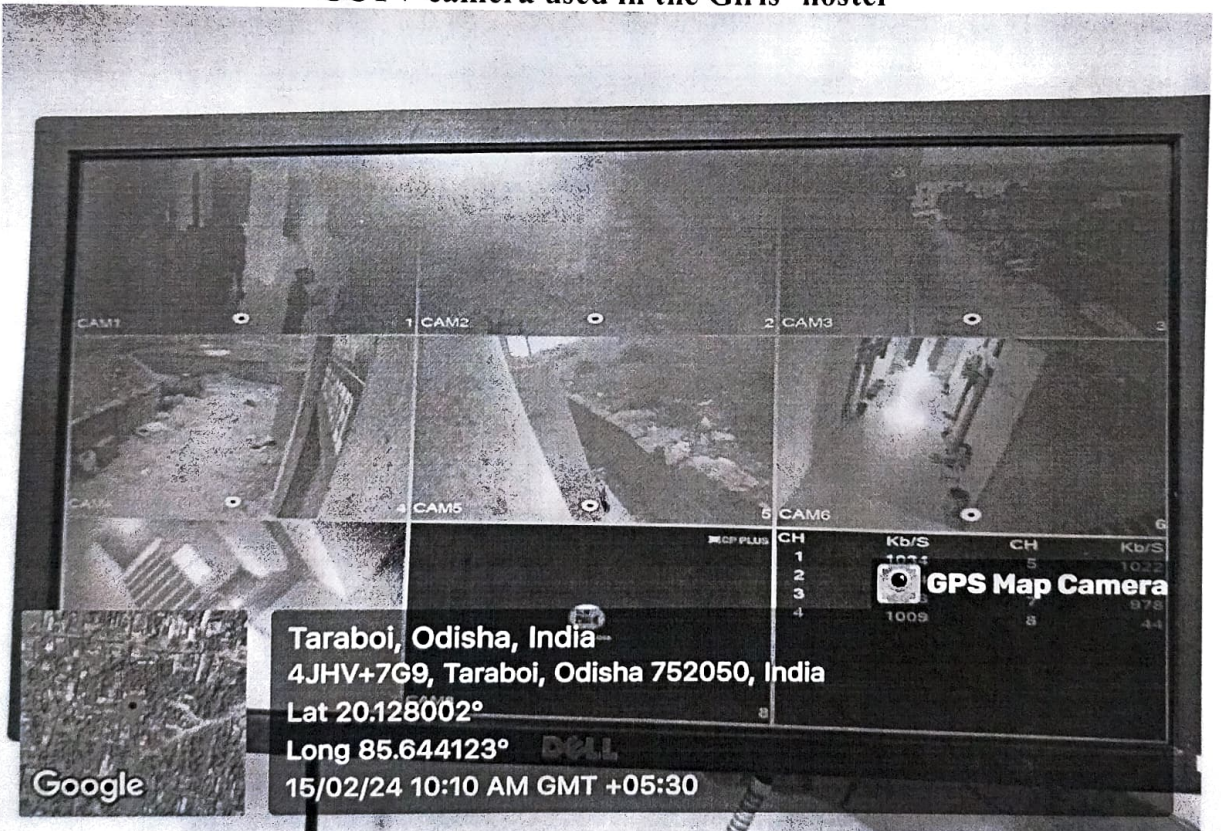
Display of the control room of CCTV cameras of Boys' hostel

*[Handwritten Signature]*  
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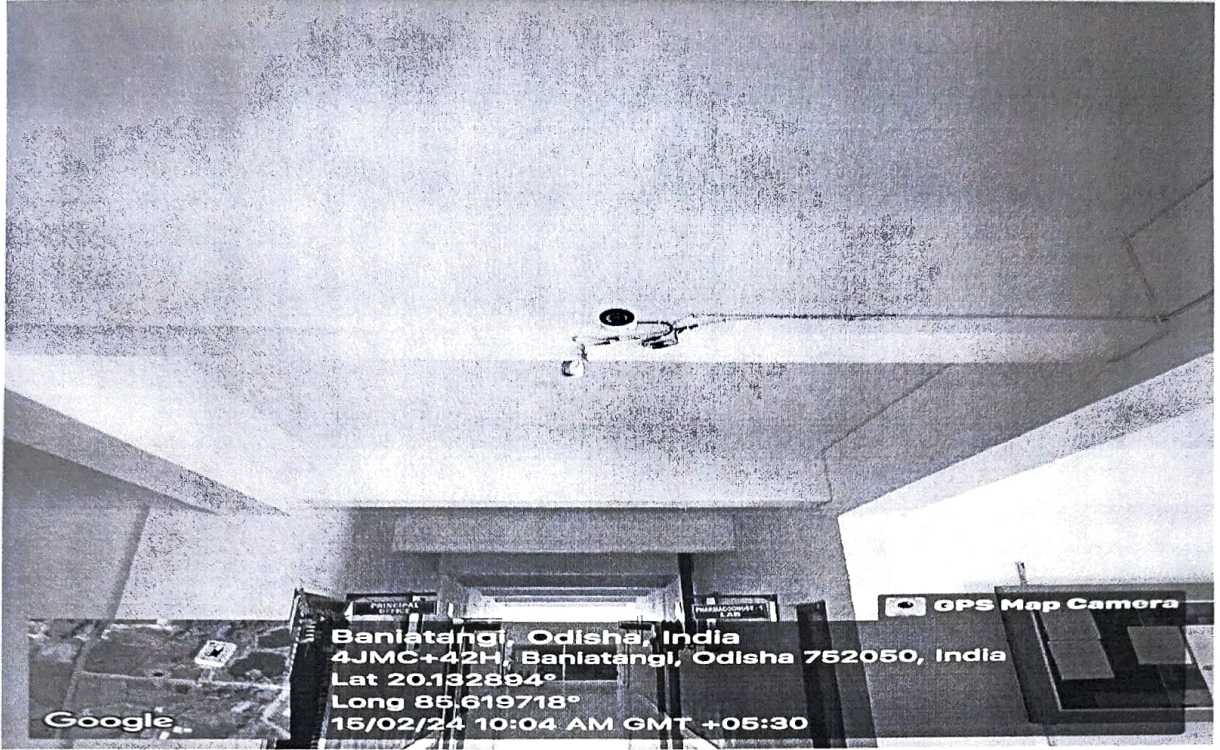
**CCTV camera used in the Girls' hostel**



**Display of the control room of CCTV cameras of Girls' hostel**

*[Handwritten Signature]*  
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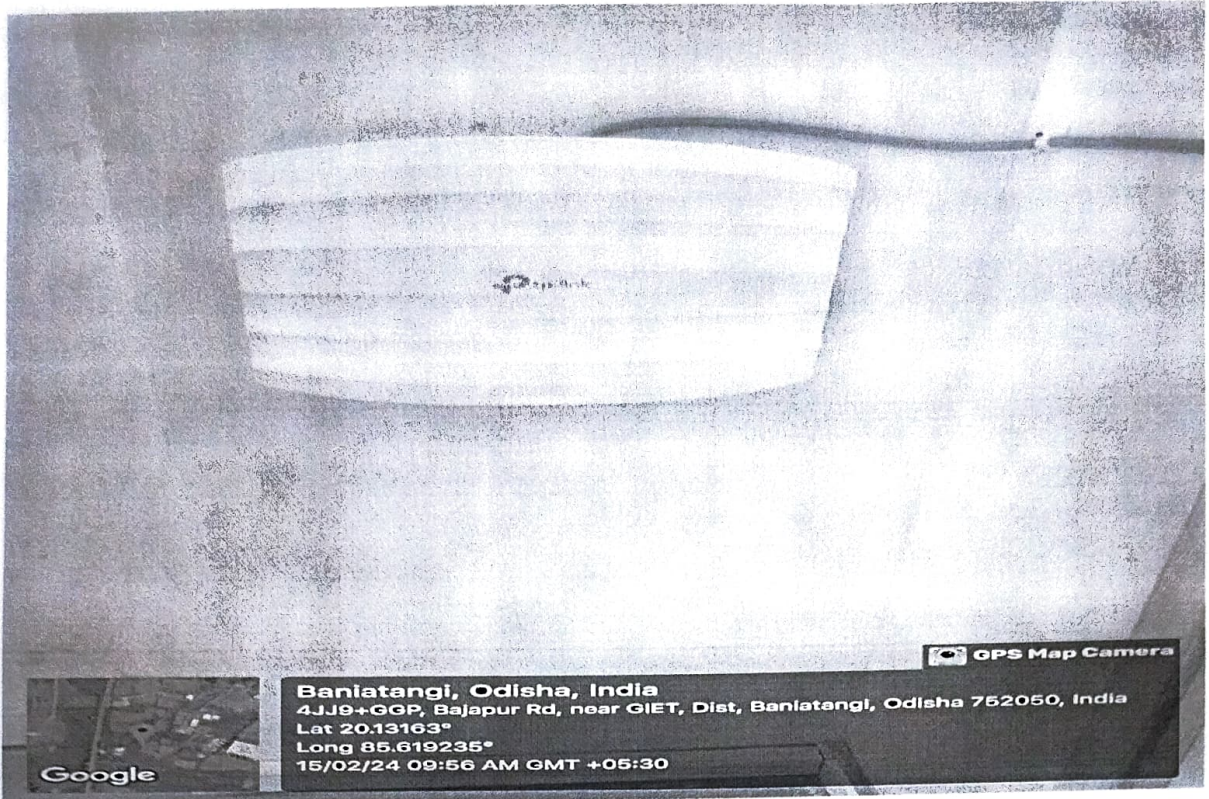
**CCTV camera used in the Building Corridors?**



**Display of the control room of CCTV cameras of building corridors**

*[Handwritten Signature]*  
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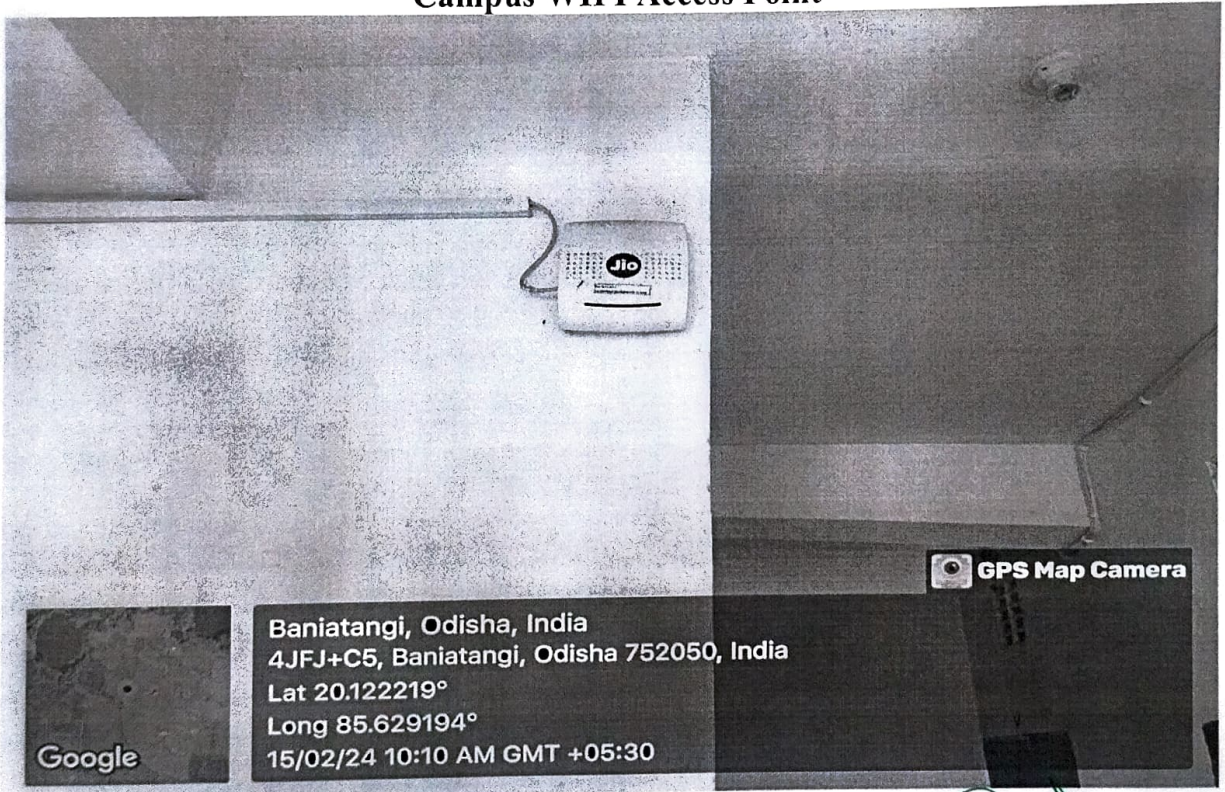


**Baniatangi, Odisha, India**  
4JJ9+GCP, Bajapur Rd, near GIET, Dist, Baniatangi, Odisha 752050, India  
Lat 20.13163°  
Long 85.619235°  
15/02/24 09:56 AM GMT +05:30

GPS Map Camera

Google

**Campus WIFI Access Point**




**Baniatangi, Odisha, India**  
4JFJ+C5, Baniatangi, Odisha 752050, India  
Lat 20.122219°  
Long 85.629194°  
15/02/24 10:10 AM GMT +05:30

GPS Map Camera

Google

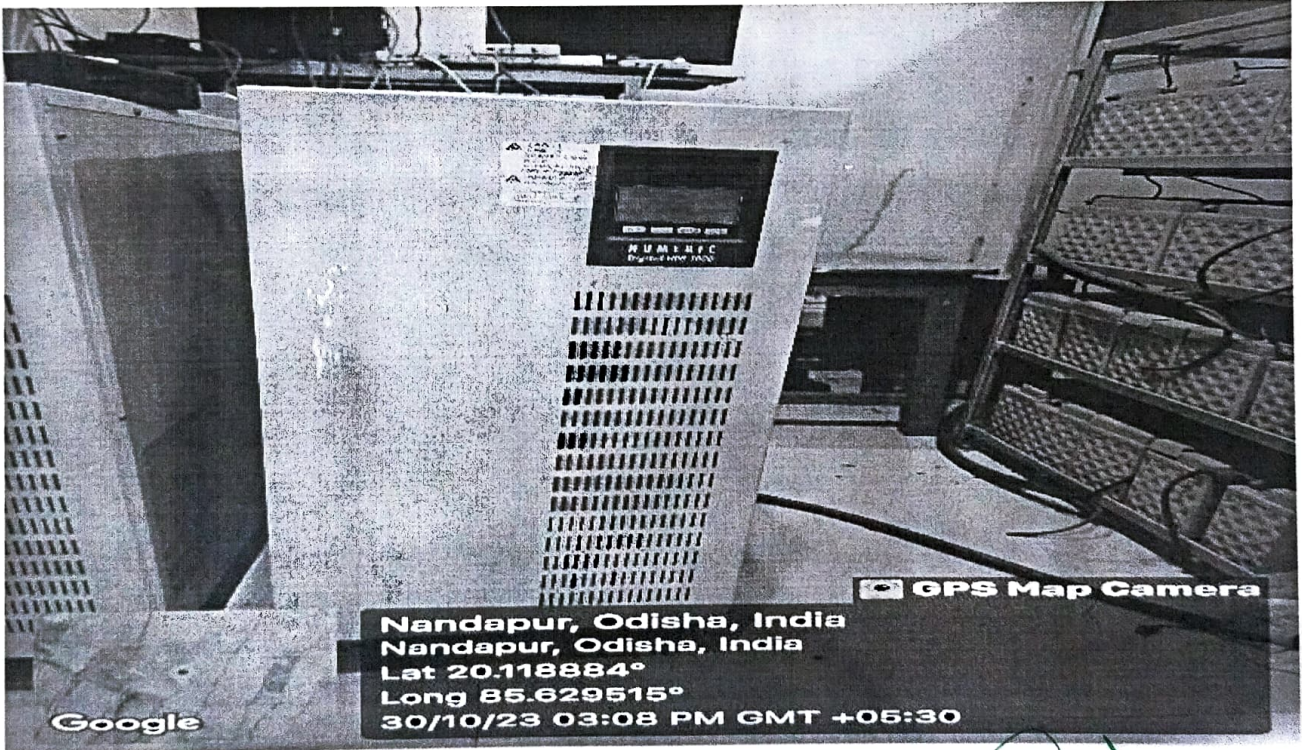
**Boys Hostel WIFI Access point**

  
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Railtel ISP Provider



UPS

  
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