



## **TULSI COMPUTER SCIENCE & INFORMATION TECHNOLOGY COLLEGE, BEED**

### **CRITERION - 4 Infrastructure and Learning Resources**

*Submitted to*



**National Assessment and Accreditation Council  
(NAAC)**



Deogiri Pratishthan Sanchalit

**TULSI COMPUTER SCIENCE & INFORMATION  
TECHNOLOGY COLLEGE, BEED**

Adarsh Nagar, Beed- 431122 Ph.02442-224081

Reg.No.Trans2006/428/06Mashi-3 Dt.23 Jun.2008

NAAC  
1<sup>st</sup> Cycle

CRITERION - IV  
Metric 4.3.1

## Key Indicator 4.3: - I T Infrastructure

**Metric: - 4.3.1** - Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth

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**4.3.1\_1 DETAILS OF IT FACILITIES**

Particulars	Quantity & Description
Computers available – Administrative purpose	12
Computers available – Academic purpose	113
Laptop	19
Printers with scanners	08
LCD projector	3
Smart board	2
Webcam	2
<b>CCTV</b>	45
DVR (Digital Video Recorder)	1
Hikvision CCTV cameras 2.4mp	25
Mitashi TV monitor	1
Seagate 1TB & 4 TB surveillance hard disk	2
Internet service provider	BSNL and Airtel
Broadband speed	Maximum speed 100 Mbps
Wi-Fi router	4
Internet switches	8
<b>Software's used</b>	
LIBMAN library management system software	In library
Master software - cloud based ERP	In office
Antivirus	NP, quick heal
Libra office	Computer
Turbo C++ (open source)	Computer
Salary box with biometric	Smart attendance
Freeware software	Usage in computer
Audio system	Usage in campus
<b>Emergency power back-up facility</b>	
Generator - 01	Available
Inverter / Battery back-up	Available
UPS	Available

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4.3.1\_2 LIST OF TOTAL DEVICES AND CONFIGURATIONS

COMPUTER SYSTEMS WITH CONFIGURATION

Sr.No.	System Name	System Configuration	Qty
1	Dell OptiPlex 7020	CPU – Core I3 Memory-4GB Hard Disk-500GB Company Name- Dell	72
2	Dell OptiPlex 740	CPU – Core 2D Memory-4GB Hard Disk-500GB Company Name- DELL	11
3	Dell OptiPlex 7020	CPU – Core I5 Memory-4GB Hard Disk-500GB Company Name- Dell OptiPlex	12
4	HCL	CPU – Core 2D Memory-4GB Hard Disk-500GB Company Name- HCL	6
5	HP	CPU - CORE I5 Memory-4GB HARD DISK-500GB Company Name- HP	14
6	Assemble	CPU – Intel Core I5, MEMORY-16GB, 4GBGraphics,500-GB-NVMe Motherboard MSI 61	10
<b>Total</b>			<b>125</b>

LAPTOPS WITH CONFIGURATION

Sr.No.	System Name	System Configuration	Qty
1	DELL	CPU - AMD 9 Memory-4GB Hard Disk-500GB Company Name - Dell	10
2	LENOVO	CPU - AMD 6 Memory-4GB Hard Disk-1TB Company Name- Lenovo	9
<b>Total</b>			<b>19</b>

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**LIST OF PRINTERS AND SCANNER DETAILS**

Sr.No.	System / Device Name	System Description	Qty
1	EPSON-Ink jet All in one printer	L3116, C634d4, ALL IN ONE	1
2	Brother All in one printer	DCP-L2541 DW, E73802K2N506378,	1
3	Brother All in one printer	DCP-L2541 DW, E73802HBN355432	1
4	Brother All in one printer	DCP-L.2541 DW, E73802K1N128288	1
5	Canon Printer	CANON -2900 (L11121E)	2
6	Canon G3010 Multifuction Printer	R-41000264, Model-2315c081	1
7	CanoScan LiDE 120 Scanner	Scanner R-41000582 QC5-1539	1
<b>Total</b>			<b>8</b>

**LIST OF LCD PROJECTOR**

Sr.No.	System / Device Name	System Description	Qty
1	EPSON	EPSON EP-5757, 320d Limeneous, Nz680226 (h328c)	1
2	EPSON	EPSON EP-531, 320d Limeneous, Nz680226	2
<b>Total</b>			<b>3</b>

**LIST OF SMART BOARD DETAILS**

Sr. No	System / Device Name	System Description	Qty
1	Interactive Board	Brand -MAXHUB- Intel Core I5, 8GB Ram, 256GB SSD, Interactive Panel 75 Inches Version Android-8	1
2	Interactive Board	HIK-VISION- Intel Core I5, 8GB Ram, 64GB SSD, Interactive Panel 75 Inches Version Android-8	1
<b>Total</b>			<b>2</b>

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**LIST OF CCTV CAMERA DETAILS**


Sr. No	CCTV Cameras	Qty
1	DVR (Digital Video Recorder)	1
2	CCD and CMOS sensor technology CCTV Cameras 2.4mp	45
3	Indo Plast 3+1 Cable Copper Cable 90mtr	5 Box
4	BNC Connectors for CCTV Camera	72 Pcs
5	15amp Voltage Adaptor	2
6	Seagate 1TB Surveillance Hard Disk	1
7	Seagate 4TB Surveillance Hard Disk	1
8	Mitashi TV Monitor	1

**INTRANET DEVICES**

Sr.No.	Description	Quantity
1	Internet service provider	BSNL and Airtel
2	Fiber broadband speed	Maximum speed 100 Mbps
3	Network Switches	8
4	Wi-Fi routers	4
5	Modems	2

  
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**4.3.1\_3 LISTS OF SOFTWARE USED IN COMPUTER AND BY COLLEGE  
FACULTY**

Name of Software	Used by
<b>Licence Software</b>	
Master software- cloud based ERP	Academic & Administrative
LIBMAN Library software	Library
Salary box	Smart attendance
Antivirus	Computers of Academic & Administrative
Jodo	Simplifying Education Payments
<b>Open Source Software</b>	
My SQL	Education and Academics
Turbo C++	Education and Academics
PHP	Education and Academics
VS Code	Education and Academics
R (RStudio)	Education and Academics
LibreOffice	Education and Academics
Eclipse	Education and Academics
JetBrains IntelliJ IDEA	Education and Academics
Android	Education and Academics
UNIX	Education and Academics
JAVA	Education and Academics
WordPress	Education and Academics
Jekyll	Education and Academics

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**4.3.1\_4 UPGRADATION OF IT FACILITIES IN THE LAST 5 YEAR**

Sr.No.	Name of the Facility	Before 2019-20	At the end of 2023-24	Maintenance / Updation
1	Computers	50	125	Yearly
2	Laptops	19	19	Yearly
3	Upgrades to academic labs as per software requirement	-	-	Yearly
4	Printers / Scanner	2	8	Monthly/Half Yearly
5	Internet and Wi-Fi Bandwidth	Speed upto 20 Mbps	Speed upto 100 Mbps	Monthly
6	Upgradation and Maintenance of Projectors for classrooms	1	3	Yearly
7	CCTV	25	45	Yearly
8	Wi-Fi Routers	1	4	Monthly
9	Smart board	0	2	Yearly
10	ICT enabled Classroom	1	3	
11	Language Laboratories	0	1	
13	e-Books	-	1,99,536	Yearly
14	e-Journals		6000+	Yearly

**The annual expenditure IT infrastructure and during the last five years**

Sr.No.	Annual expenditure	2019-20	2020-21	2021-22	2022-23	2023-24
1	Annual expenditure for purchase of computers /peripherals/upgradation	1200000	198656	550000	567032	4,04,880

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4.3.1\_5 BANDWIDTH OF INTERNET CONNECTION

Table with 3 columns: Bandwidth, Connection-1, Connection-2. Rows include Internet service provider (ISP), Public IP, Available bandwidth, Internet speed, Connection type, Access through Wi-Fi, and Availability of internet in labs, classrooms, offices & library.

FAST speed test screenshot showing 92 Mbps download speed, 22ms latency, and 240 Mbps upload speed. Includes client and server location information.

Handwritten signature of Y.V. Landge


IQAC Coordinator Deogiri Pratishthan Sanchalit Tulsi Computer Science & Information Technology College, Beed



Handwritten signature of Principal

Principal Deogiri Pratishthan Sanchalit Tulsi Computer Science & Information Technology College, Beed

# INTERNET BILL



**Bharat Sanchar  
Nigam Limited**

Account No: 1008283333 Invoice No: WDCMH2337054653  
 Invoice Date: 02/09/2023 Fixed Charged Period  
 01/09/2023 to 30/09/2023

**Bill Mail Service Tax Invoice**

M/s TULSI COLLEGE OF COMPUTERS & IT BEED  
 D.P. ROAD, INFRONT OF GIRI HOSPITAL,  
 ADARSH NAGARBEED BEED BEED  
 MH-421122  
 India

**TELEPHONE NUMBER**  
02442224081

**GSTIN**

**AMOUNT PAYABLE**  
₹ 471.00

**PAY NOW**

**DUE DATE**  
18-10-2023

**24x7 Toll Free Helpline  
1800 4444**

**ACCOUNT SUMMARY** Deposit Amount: 4740.00

PREVIOUS BALANCE ₹ 1524.42	PAYMENT RECEIVED ₹ 1525.00	ADJUSTMENTS ₹ 0.00	CURRENT CHARGES ₹ 470.82
(-)	(+)	(+)	(-)
			<b>TOTAL DUE</b> ₹ 470.24
			<b>AMOUNT PAYABLE</b> ₹ 471.00

Amount in Words: Rupees Four Hundred Seventy One and Zero Only

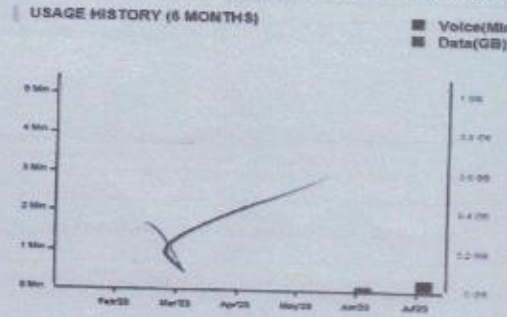
**SUMMARY CHARGES**

Current Charges	Amount ₹
Recurring Charges	599.00
One Time Charges	0.00
Usage Charges	0.00
Miscellaneous Charges	0.00
Discount	-200.00
Tax	71.82
<b>Total Current Charges</b>	<b>470.82</b>


**Tax Details**

Tax Type	Percentage	Amount	Taxable Value
CGST	9.00%	35.91	399.00
SGST/UTGST	9.00%	35.91	399.00


**USAGE HISTORY (6 MONTHS)**



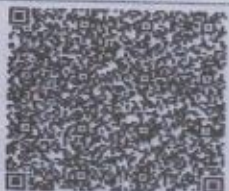
Legend: ■ Voice(Min) ■ Data(GB)



Scan QR Code to make online Portal Payment



S J GURAV  
For Billing related issues  
02442-223401



Scan QR Code to make UPI Payment

Dear Customer, We recommend you to pay the bill online using <https://portal.bsnl.in/> or use My BSNL App on your mobile to avail our services 24\*7. My BSNL App is available on the Google Play Store.

**- PAYMENT SLIP -**

Mode of Payment

Cash   
  Cheque/DD   
  Credit/Debit Card

Cheque/DD No. \_\_\_\_\_ Dated \_\_\_\_\_ Bank \_\_\_\_\_ Branch \_\_\_\_\_

Please Charge Rs. \_\_\_\_\_ Signature \_\_\_\_\_

Invoice No	WDCMH2337054653
Invoice Date	02/09/2023
Account No	1008283333
Phone No	02442224081
Due Date	18-10-2023
Amount Payable	₹ 471.00

J.V. Landge

OFFICE

Tulsi Computer Science & Information Technology College, Beed

Deogiri Pratishthan Sanchalita  
Tulsi Computer Science &  
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S J Gurav

**Principal**

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# INTERNET BILL

TAX INVOICE

Royal Digital Network,  
Internet Service Provider,  
Beed, Maharashtra, India,  
BEED, Maharashtra,  
Zip: 431122  
Phone: 9284242450 / 9764841394



Tulsi College of Computer Science  
Username: tulshi148  
Tulsi College DP road Beed  
Beed, Maharashtra  
Zip: 431122  
Mobile : 8983067940

Invoice #	7456
Invoice Date	01-Jan-24
Subscriber ID	76
Payment Due By	05-Jan-24

Package	Service Period	Price	Amount
RDN_100Mbps_Unlimited	1-Sep-2023 to 30-Dec-2023	1000	4000

Subtotal	4000
Total Invoice Amount	4000
Previous Balance	0
Total Balance Amount	4000

OK

Royal Digital Network

*Shajani*  
Director

*Shajani*  
02/01/2024

Computer Lab-2  
Tulsi college Beed

Ac No-08

Rs 415475  
Rs. 6000/-

PA 31/11/2024

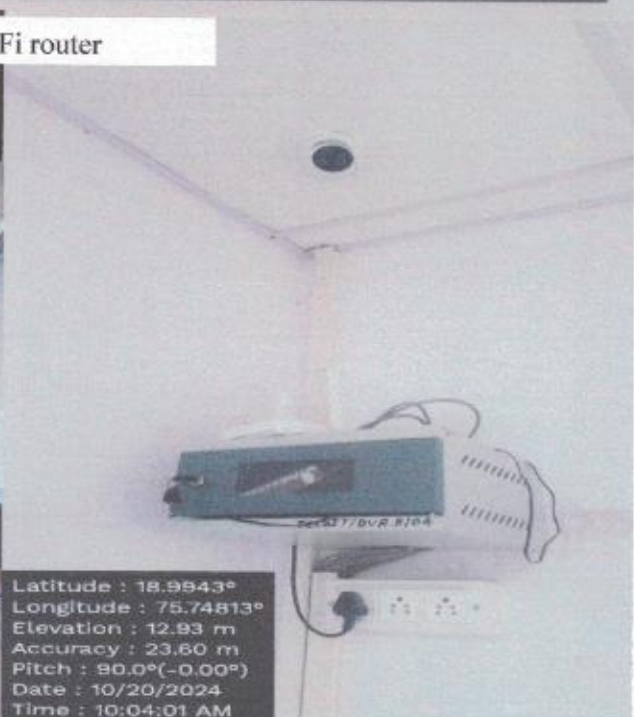
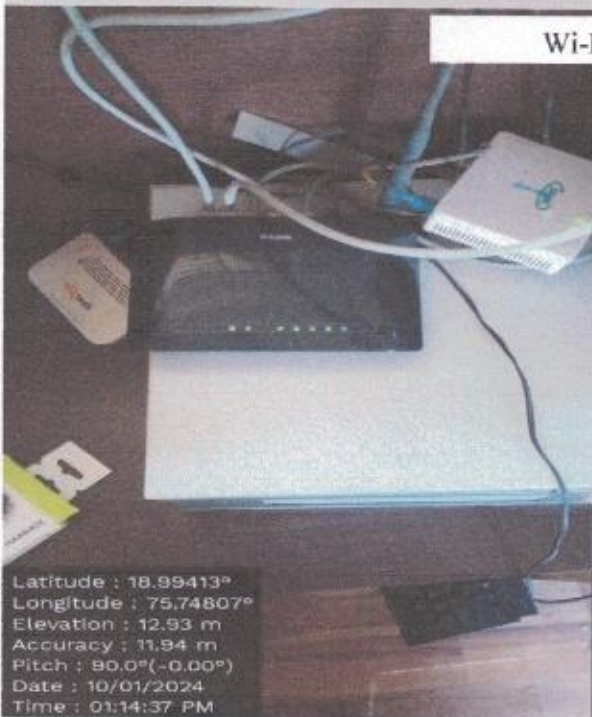
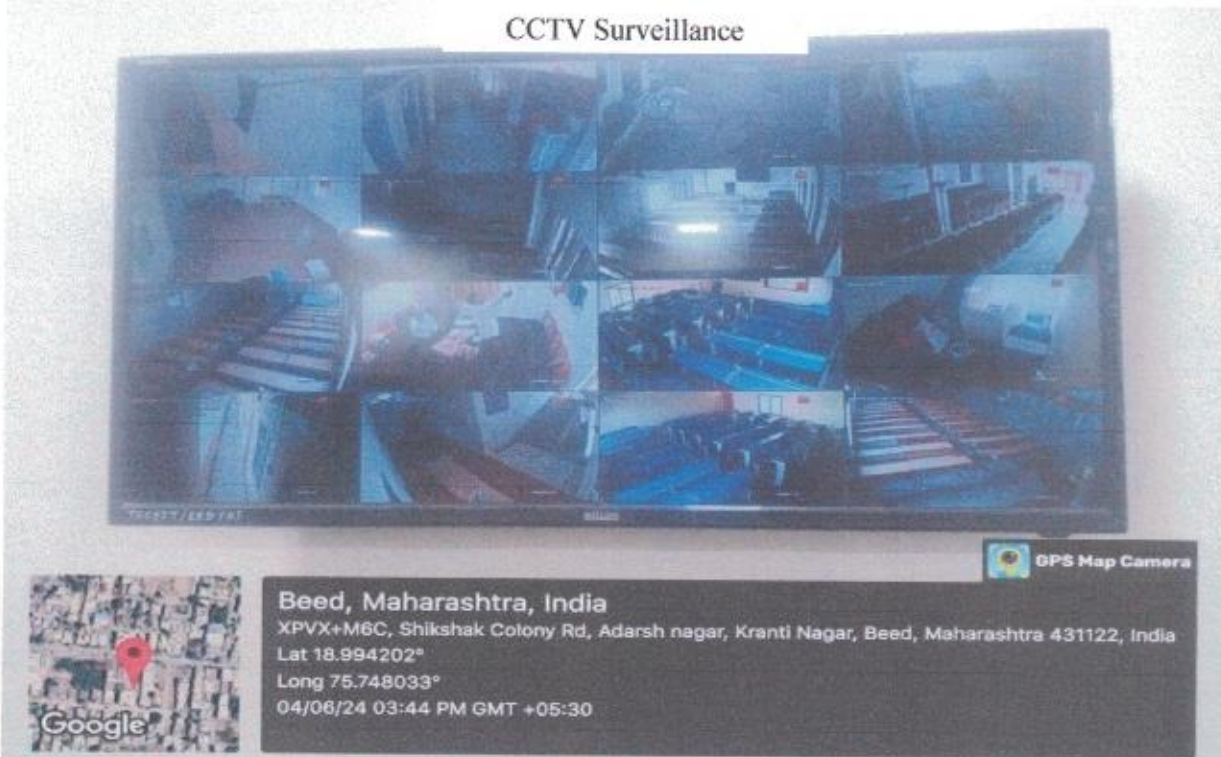
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**SAMPAL PHOTOS FOR AVAILABLE IT FACILITIES**

**CCTV Surveillance**



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### Computer Lab



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