



4.3.2

Student – Computer ratio (Data for the latest completed academic year)

Number of computers available for the students' usage during the latest completed academic year: 2021-22

Formula: Students: Computers

Students – Computers ratio = 1080 students / 216 Computers = 5.00





Supporting Documents for 4.3

4.3.2 Student – Computer ratio

S.No	Descriptions	Page No.
1	Student – Computer Ratio	2
2	Lab wise number of Computers for student Use	3
3	Bills (Computer Systems)	4 - 18
4	Stock Register	19 - 21

Prof.(Dr.) Ashutosh Agarwal
Director & IQAC Chairperson





TRINITY INSTITUTE OF PROFESSIONAL STUDIES

- Affiliated to GGSIP University, Delhi
- Approved by Bar Council of India, New Delhi
- NAAC Accredited Institution

Student – Computer ratio

Year	Shift	Total No. of Students	Total No. of Computers available for Student use	Student - Computer Ratio	Actual Student - Computer Ratio during Lab Class
2017-18	1st Shift	840	175	4.80 : 1	1 : 1
	2nd Shift	840	175	4.80 : 1	1 : 1
2018-19	1st Shift	900	205	4.39 : 1	1 : 1
	2nd Shift	840	205	4.10 : 1	1 : 1
2019-20	1st Shift	960	205	4.68 : 1	1 : 1
	2nd Shift	840	205	4.10 : 1	1 : 1
2020-21	1st Shift	1020	196	5.20 : 1	1 : 1
	2nd Shift	840	196	4.29 : 1	1 : 1
2021-22	1st Shift	1080	216	5.00 : 1	1 : 1
	2nd Shift	840	216	3.89 : 1	1 : 1



Dwarka Sector 9, Institutional Area, Near Dwarka Sec. 10 Metro Station, New Delhi-110075

✉ tips@tips.edu.in ☎ 011- 45636921/22/23 📞 9315911714, 9315911715 🌐 www.tips.edu.in



Total Computers for Students Use

S.No	Computer Lab.	No. of Computers
1	Computer Lab 1	96
2	Computer Lab 2	48
3	Computer Lab Post Production	32
4	BALLB Computer Lab	40
Total Computers		216





UNITED STATES OF AMERICA
 DEPARTMENT OF COMMERCE
 BUREAU OF ECONOMIC ANALYSIS
 OFFICE OF FOREIGN TRADE ANALYSIS
 WASHINGTON, D. C. 20540

FACTORY OUTPUT

Country: INDONESIA
 Product: INDONESIA
 Period: 1960-1969
 Units: 1000

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INVOICE

INVOICE NO: 1001/2014
DATE: 10/10/2014

TO: The Director, Institute of Professional Studies
Sector 29, Gurgaon, New Delhi

FROM: M/S. ABC Computers Pvt. Ltd.
Plot No. 12, Sector 14, Gurgaon

Sl No	Description of Goods	Unit	Qty	Unit Price (Rs.)	Amount (Rs.)
1	Desktop Computer with core i3 processor, 4GB RAM, 1TB Hard Disk Drive, bundled LAN, DVD Writer and mouse. OS with 19" LED Monitor (W9)	Each	10	10000.00	100000.00
				Total	100000.00

Amount in Words: Rupees Ten Lacs Eight Thousand only

Terms & Conditions:
 (1) Interest @ 24% per annum will be charged if not paid by due date.
 (2) Goods once sold will not be taken back.
 (3) All disputes subject to Delhi jurisdiction.
 T & C

Receiver's Signature: _____

Signature (M/S): _____

It's a Computer Generated Bill

ABC No. 12345678





UNITED STATES OF AMERICA
 DEPARTMENT OF THE ARMY
 OFFICE OF THE ADJUTANT GENERAL
 WASHINGTON, D. C. 20315

TO: *1st Lt. [illegible]*
 FROM: *1st Lt. [illegible]*
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11-3-18



PERFECT COMPUTER SYSTEMS
B-24 VISHWADEEP TOWER DISTRICT CENTRE
JANAKPURI NEW DELHI
Delhi
110058
E-mail: info@perfectcomputersystems.com

INVOICE

Invoice No.

454

Delivery Note

Supplier's Ref.

Dated

9-Jan-2012

Order Reference No.

Quoted

Buyer's Order No.

Despatch Document No.

Dated

Despatched through

Destination

Buyer
Trinity Institute of Professional Studies(Dwarka)
Sector -9, Dwarka
New Delhi-110075
Delhi-110075

Sl No	Description of Goods	Quantity	Rate	Per	Amount
1	INTEL PROCESSOR Core i3 -540	40 No.	15714.24	No.	6,28,569.60
2	INTEL MOTHER BOARD 550c	40 No.	0.01	No.	0.40
3	RAM 2gb Ddr3	40 No.	0.01	No.	0.40
4	HARD DISK Seagate 500gb	40 No.	0.01	No.	0.40
5	Cabinet Atr Odyssey	40 No.	0.01	No.	0.40
					6,28,571.20
Vat Out @ 5 %					31,428.56
Round Off					6,59,999.76
					0.24
Total					6,60,000.00

Amount Chargeable (in words)

Rs Six Lakh Sixty Thousand Only

*Entry in stock (R)
Computer - PL-4
10/1/12*

Company's VAT TIN : 07570259197
Company's Service Tax No. : AADFP0084GST001
Company's PAN : AADFP0084G

Declaration

We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

for PERFECT COMPUTER SYSTEMS

[Signature]
Authorized Signatory

SUBJECT TO DELHI JURISDICTION

This is a Computer Generated Invoice



TRINITY INSTITUTE OF PROFESSIONAL STUDIES
SEC-2 OWARKA
NEW DELHI
8013333345

Terms of Delivery



UNITY INSTITUTE OF PROFESSIONAL STUDIES
JEC-9 DWARKA
NEW DELHI
8013333348

Invoice No	Contact
SCG013/014/042416	26 Jul 2013
Delivery Month	Month (Term of Payment)
Supplier's Ref	Order Reference(s)
4 year's Order No	District
Dispatch Document No	Dated
Dispatched Through	Destination
Terms of Delivery	

	Description of Goods	Quantity	Rate	per	Amount
4	HDD 500GB WD DATA WCAVBCN3552 WCAVBCN3552 WCAVBCN3445 WCAVBCN3452 WCAVBCN3572 WCAVBCN3425 WCAVBCN3535 WCAVBCN3478 WCAVBCN3575 WCAVBCN3472 WCAVBCN3587 WCAVBCN3384 WCAVBCN3582 WCAVBCN3195 WCAVBCN3208 WCAVBCN3375 WCAVBCN3436 WCAVBCN3445 WCAVBCN3421 WCAVBCN3448 WCAVBCN3431 WCAVBCN3505 WCAVBCN3784 WCAVBCN3430 WCAVBCN3785 WCAVBCN3578 WCAVBCN3584 WCAVBCN3506 WCAVBCN3620 WCAVBCN3444 WCAVBCN3725 WCAVBCN3355 WCAVBCN3492 WCAVBCN3374 WCAVBCN3525 WCAVBCN3575 WCAVBCN3534 WCAVBCN3425 WCAVBCN3526 WCAVBCN3445	40 PCS	3,047.52	PCS	1,21,904.80
5	KB MOUSE KIT MK100 LOGITECH	40 PCS	516.25	PCS	24,762.00

estrogen

SUBJECT TO DELFT AUTODICTION
This is a Computer Generated Invoice



TRINITY INSTITUTE

[illegible]

continued



No. 05 - 038559

Retail Invoice

Computer Empire

204, Meghadev Building, Nehru Place, New Delhi 110019 Ph: 41004488
Fax: 41017670

Dated: 16/03/2009

Bill No: 07420209664

Trinity Institute of Management & Technology
D Block, Vikaspuri, New Delhi 110018

Contact Person: Mr. Narender

Sales Executive

Order No.

Dated

Transporter

Reference

TIN No.

Due Date

Out Date

Description of Goods

Qty.

Rate

Discount

Amount

CPU Inter Core 2 Duo 2.80GHz (7400) Box Warr. 36 months	12	P No 54	5850	0	187200
Monitor Brand Intel DG 31GL Box Warr. 36 Months	32	P No 55	4200	0	134400
RAM Kingston 1 GB DDR II 800MHz Warr. 11	12	P No 56	600	0	7200
Cabinet The Knapware Q518C Warr. 12 Months	32	P No 57	1400	0	44800
SMPS 400 Watt Warr. 12 Months	32	P No 58	450	0	14400
Hard Disk Seagate 160GB Sala Warr. 60 Months	32	P No 59	1825	0	58400
LCD Samsung 17" X30NW Aysa Wide Warr. 36 Months	12	P No 60	6350	0	76200
LCD LG 17" L177WSH Warr. 36 Months	20	P No 61	6350	0	127000
DVD Writer Samsung Box Sala Warr. 12 Months	32	P No 62	10200	0	326400
Key + Mouse Logitech Internet Exp Desktop Box Warr. 12 Months	32	P No 63	6500	0	208000
Printer HP 1008 Warr. 12 Months	12	P No 64	6750	0	81000
System 12 Link 4 Port Warr. 12 Months	12	P No 65	3400	0	40800
Switch 12 Link 24 Port Warr. 12 Months	12	P No 66	4100	0	49200
Cassette Technext Desktop Sala Warr. 12 Months	2	P No 67	5900	0	11800
UPS Mtek 800 Va Warr. 12 Months	12	P No 68	2540	0	30480
UPS Mtek 600 Va Warr. 12 Months	12	P No 69	1695	0	20340
Power Cable	30	P No 70	15	0	450
Cable Sala	30	P No 71	15	0	450
LCD LG 19" W1941S Warr. 36 Months	12	P No 72	6500	0	78000
Pen Drive 4 GB Kingston Warr. 36 Months	12	P No 73	175	0	2100
Mouse Pad	12	P No 74	20	0	240

Total Amount Rs. 758315.00

E & O E

Local Sales @4% 729149.04
VAT @4% 29165.96
Total Amount 758315.00

Subject to New Delhi Jurisdiction Only

Terms & Conditions

- We reserve the right to recover the amount of this bill if any item is returned.
- Goods once sold are not to be taken back.
- Warranty is on behalf of manufacturer of the product.
- Replacement as company product not to be.

Seven Hundred Fifty Eight Thousand Three Hundred Fifteen Rupees Only

Remarks:

Entry in stock register
Made/Not MadeRecd - 12 pc
PhFor Computer Empire
Authorized Signature

Original

Retail Invoice

Dated: 13/07/2009

No. 205-013778

Computer Empire

205, Meghdoot Building, Nehru Place, New Delhi 110019 Ph. 41808488,
26414645, Fax: 41817628

TIN No. 07429209664

Trinity Institute of Management & Technology
D Block, Vikaspuri, New Delhi 110018

Contact Person: Mr Nafees

Sales Executive

Order No.

Dated

Transportes

Reference

LR No.

Dated

Due Date

13/07/2009

Out Bal

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Discount

Amount

Description of Goods

Qty.

Rate

CPU Intel Core 2 Duo 2.80Ghz(E7400) Box Warr. 36 months

23

5650

Mother Board Intel DG 41rq Box Warr. 36 Months

23

4400

RAM Kingston 2 Gb DDR-II 800Mhz Warr. 12

23

1275

Cabinet The Kingpower 550w Gold Series Warr. 12

23

1300

Months

23

450

SMPS 550W, Watt Warr. 12 Months

23

2250

Hard Disk Seagate 250GB SATA Warr 60 Months

23

6175

LCD LG 17" L1775wh Mysl Wide Warr. 36 Months

23

690

K/b + Mouse Logitech Internet Pro Desktop B/k Warr. 12 Months

23

One pc send to Shaker Garden
Mr. Subhash

Local Sales @4%

450740.38

VAT @4%

19529.62

Total Amount

510370.00

Total Amount Rs. 510370.00

E & O E

Subject to New Delhi Jurisdiction Only

Terms & Conditions

1. We reserve the right to recover the amount of this bill any time
2. Goods once sold will not be taken back
3. Warranty is on behalf of manufacturers of the products
4. all replacement as company principal not by us

Rs. Five Lakh Ten Thousand Three Hundred Seventy Only

Remarks:



Sharda IT Solutions
Plot No. 50, G Block, Prem Nagar, Noida
New Delhi
110043
9910803419
Email: info@shardait.com

Retail Invoice

Invoice No. 5/257
Date 12/10/2011-12

Invoice Date
12 Oct 2011
Invoice/Tax No. of Payment
Cheque
Other Reference(s)

Buyer
Trinity Institute Of Professional Studies
Sec. 8, Dwarka, New Delhi

Supplier's Ref
Vigyan Prat -
Buyer's Order No.

Despatch Document No.

Despatched Through

Terms of Delivery

Date

Date

Destination

Description of Goods	Quantity	Rate	per	Amount
HCL Desktop C20 2.83 2GB 500GB DVD RW / D03 SV	10 No.	17,510.05	No	1,76,190.50
Output VAT @ 5%		5 %		8,809.53
Total	10 No.			1,85,000.03

Amount Chargeable (in words)

Rs. One Lakh Eighty Five Thousand and Three paise
Only

Entry in stock (R)
11/10/11

As per telephonic
order from Chairman

Company's VAT TIN 07800395966
Company's CST No. 07800395986

Declaration
We declare that this invoice shows the actual price of the
goods described and that all particulars are true and correct.

This is a Computer Generated Invoice

185000--
15487
280487

S: NO!

9113AC-249980
-250128
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-249978
-249994
-250227
-250098

9113AC-249967
-250201

Physical verification
of purchase
and entry in the
stock Register
ED
15/10/11 Chairman P.



STOCK REGISTER

Name of Article
वस्तु का नाम

COMPUTER LAB-1 (305)

01

Date तिथि	PARTICULARS विवरण	Bill No. बीजक नं०	Receipt प्राप्ति	Issue देय	Balance शेष	Remarks टिप्पणी
	Total no. of Computers = 90					
16/3/2013	① Mother Board - Intel	205-02559	35			Computer Empire
	② Processor - C2D					
	③ RAM - 2GB					
	HDD - 160/250/500GB					
26/7/2013	② MB - Intel	500/013/014/ no 24118	55			Student Computer
	Processor - I3					
	RAM - 2GB					
	HDD - 500GB					
	Keyboard & Mouse		(90)			
	<u>COMP. LAB-2 (304)</u>					
4/1/2013	① MB → Intel	205-02061	44			Computer Empire
	CPU → Dual Core					
	RAM → 1GB					
	HDD → 160GB					
	Keyboard & Mouse		(44)			
	<u>COMP. LAB-3 (302)</u>					
9/1/2013	① MB → Intel	454	25			Perfect Computer System
	CPU → I3					
	RAM → 2GB					
	HDD → 500GB					
	Keyboard & Mouse		(25)			

SERVER

30
Name of Article
वस्तु का नाम

STOCK REGISTER

COMPUTER 3

Date दिथि	PARTICULARS विवरण	Bill No. बीजक नं०	Receipt प्राप्ति	Issue देय	Balance शेष	Remarks टिप्पणी
20/8/19	Newly Purchased [Dell Optiplex 3060, 4GB RAM, 1TB HDD, 19.5" LED, KB, Mouse]	VBE/2019- 20/24	03		03	TPO Room
20/8/19	Newly Purchased [Dell Optiplex 3060, 4GB RAM, 1TB HDD, 24" LED, KB, Mouse]	VBE/2019- 20/24	03		06	
26/8/19	All the above systems installed in TPO Room			06	—	checked and verified Bhaskar
11/3/22	Newly Purchased (Assembled) [MB - Gigabyte CPU - i3 10 th Gen SSD - 240 GB RAM - 8 GB KB + Mouse - DELL]	SCCL/ 21-22/ 24564	45		45	Purchase from Skritchee
12/3/22	New Systems installed in Comp LAB-305			45	—	
12/9/2019	Newly Purchased [Dell Vostro 3470 i3 8 th Gen, 4GB RAM, 1TB HDD, 19" LED, KB, Mouse]	VBE/ 2019-2028	36		36	Vijay Brothers
3/9/2019	New Systems installed in Comp LAB-305			36		

Bhaskar



Year	Shift	Total No. of Students	Total No. of Computers available for Student use	Norms	Actual Student - Computer Ratio during Lab Class	Student - Computer Ratio	Actual Student - Computer Ratio during Lab Class	Bandwidth
2017-18	1st Shift	840	175	140	840	4.80 : 1	1 : 1	2 Mbps * 4 Lines = 8
	2nd Shift	840	175	140	840	4.80 : 1	1 : 1	
2018-19	1st Shift	900	205	150	900	4.39 : 1	1 : 1	2 Mbps * 4 Lines = 8
	2nd Shift	840	205	140	840	4.10 : 1	1 : 1	
2019-20	1st Shift	960	205	160	960	4.68 : 1	1 : 1	2 Mbps * 4 Lines + 20 Mbps Leased Line = 28
	2nd Shift	840	205	140	840	4.10 : 1	1 : 1	
2020-21	1st Shift	1020	196	170	1020	5.20 : 1	1 : 1	2 Mbps * 4 Lines + 20 Mbps Leased Line = 28
	2nd Shift	840	196	140	840	4.29 : 1	1 : 1	
2021-22	1st Shift	1080	216	180	1080	5.00 : 1	1 : 1	40 Mbps * 4 Lines + 20 Mbps Leased Line + 100 Mbps * 2 Lines = 380
	2nd Shift	840	216	140	840	3.89 : 1	1 : 1	