8(b) Status of Computer Labs

(i) Total Number of computers available in labs
(ii) Total number of available licensed software
(iii) Quality of Internet connectivity
(iv) Power Back-up

Digitally Signed by Dr. Ajay Kumar
Organization: TECNIA INSTITUTE OF ADVANCED STUDIES
Date: 2026.10.27 15:29:30
Reason: Approve this document
Location: New Delhi

PC to Students Ratio 2025-26

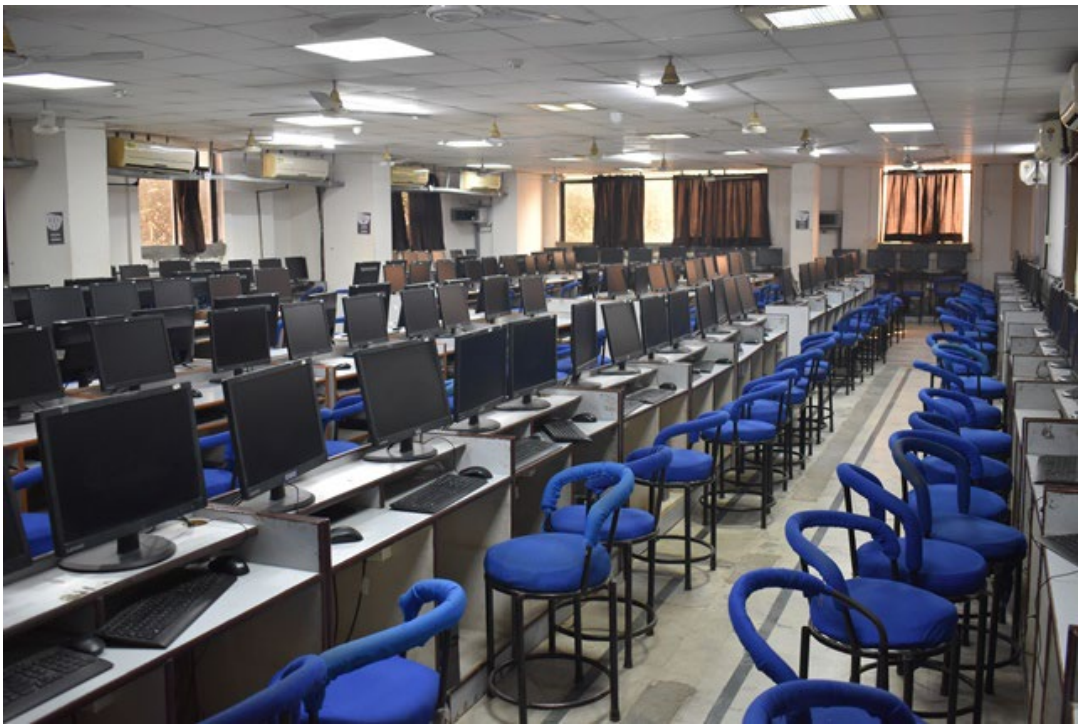
8(b) Status of Computer Labs (UG: 1 per 6 students; PG: 1 per 3 students across all years or as per statutory body)

Course	Intake	Computer Required	Computer Available
MBA	40 + 40 = 80	27	50
BBA	120+120+120=360	60	60
MCA	30+30 = 60	20	30
BCA	120+120+120=360	60	60
BA(JMC)	60 +60+120=240	40	50
B.Com. (H)	30 + 60 = 90	15	15
		222	**265**

(i) Total Number of computers available in labs

S.No.	Lab Type	No. of Computer
1	Computer Centre	120
2	Operating System Lab	40
3	Language Lab	45
4	Multimedia - Audio Visual Lab	15
5	Programming Lab.	50
6	Digital Library/ Multimedia PC	10
7	Library Department	05
8	Administrative Department	10
9	Other Offices	10+

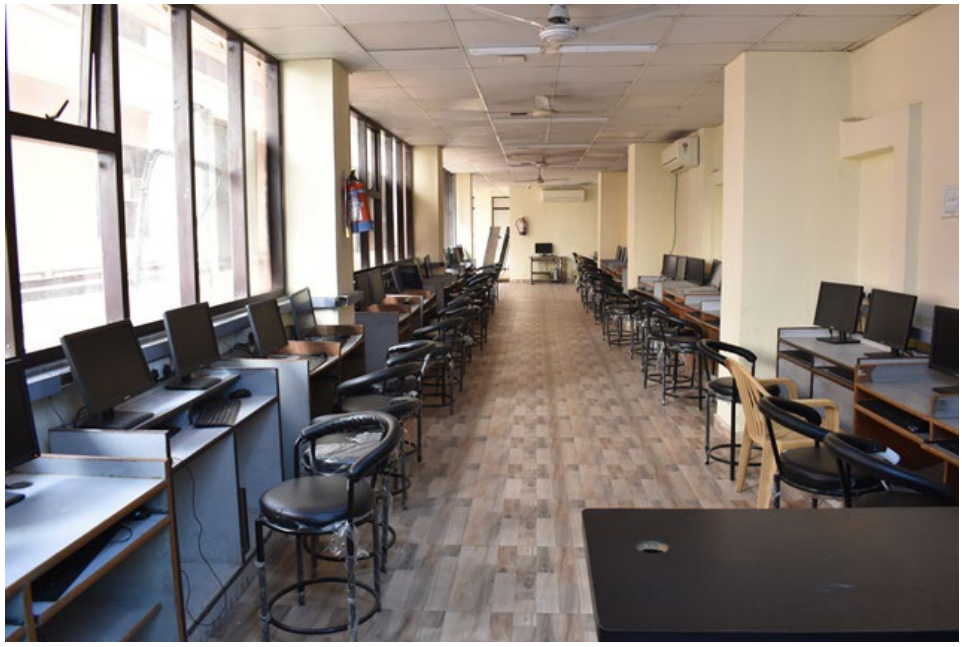
1. Computer Centre



S.No.	Computer Configuration		No of Computer
1.	**MODEL** **CPU** **HD (GB)** **RAM** **Monitor** **KB/MOUSE** **ODD** **ONLINE UPS**	: Len-i3 **:** 7th Gen. 64bit 2.7GHz Core i3 **:** 1TB **:** 4GB DDR3 **:** 21.5" LED **:** YES : YES : YES	**30**
2.	**MODEL** **CPU** **HD (GB)** **RAM** **Monitor** **KB/MOUSE** **ODD** **ONLINE UPS**	: Len-i3 **:** 6th Gen. 64bit 3.7GHz Core i3 **:** 500GB **:** 4GB DDR3 **:** 19.5" LED **:** YES **:** NA : YES	**90**

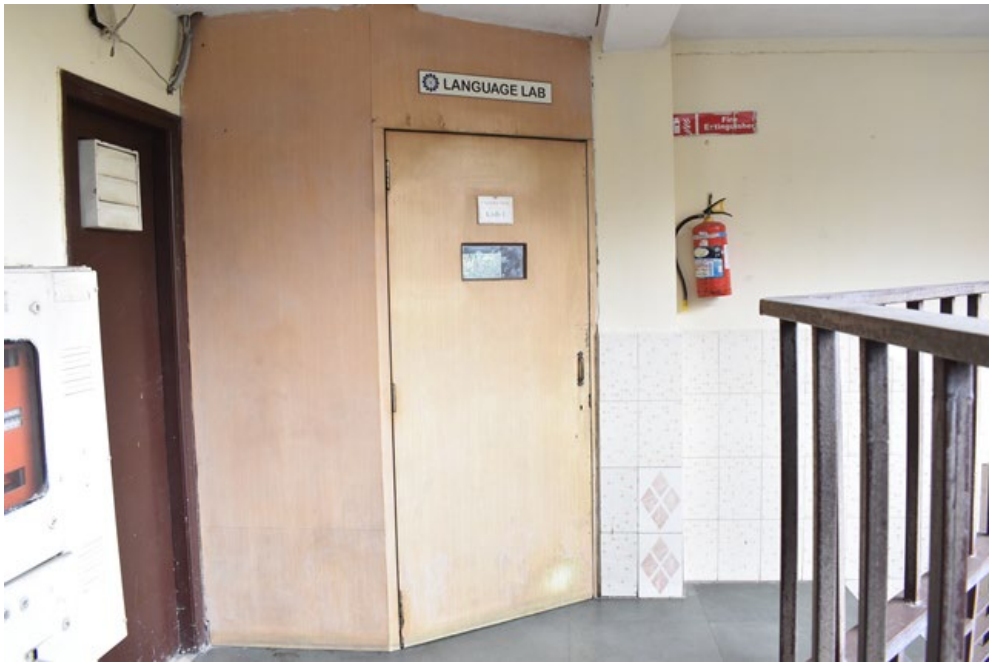
2. Operating System Lab





S.No.	Computer Configuration		No of Computer
1.	**MODEL** **CPU** **HD (GB)** **RAM** **Monitor** **KB/MOUSE** **ODD** **ONLINE UPS**	: Len-i3 **:** 10th Gen. 64bit 3.6GHz Core i3 **:** 1TB **:** 4GB DDR4 **:** 18" LED **:** YES **:** NA : YES	**40**

3. Language Lab





S.No.	Computer Configuration		No of Computer
1	**MODEL** **CPU** **HD (GB)** **RAM** **Monitor** **KB/MOUSE** **ODD** **ONLINE UPS**	: Len-i5 **:** 12th Gen. 64bit 2.5GHz Core i5 **:** 1TB **:** 8GB DDR4 **:** 18" LED **:** YES **:** NA : YES	**45**

4. Multimedia - Audio Visual Lab





S.No.	Computer Configuration		No of Computer
1.	I Mac Apple		**05**
2.	**MODEL** **CPU** **HD (GB)** **RAM** **Monitor** **KB/MOUSE** **ODD** **ONLINE UPS**	: Len-i5 **:** 6th Gen. 64bit 2.7GHz Core i5 **:** 500GB **:** 8GB DDR4 **:** 18" LED **:** YES **:** NA : YES	**03**
	MODEL **CPU** **HD (GB)** **RAM** **Monitor** **KB/MOUSE** **ODD** **ONLINE UPS**	: Len-i7 **:** 11th Gen. 64bit 2.5 GHz Core i7 **:** 2TB **:** 32GB DDR3 **:** 19.5" LED **:** YES : YES : YES	**05**
	MODEL **CPU** **HD (GB)** **RAM** **Monitor** **KB/MOUSE** **ODD** **ONLINE UPS**	: Len-i3 **:** 6th Gen. 64bit 2.7 GHz Core i3 **:** 500GB **:** 8 GB DDR4 **:** 18" LED **:** YES **:** NA : YES	**02**

5. Programming Lab.



S.No.	Computer Configuration	No of Computer
1.	**MODEL** : Len-i5 **CPU** : 6th Gen. 64bit 2.7GHz Core i5 **HD (GB)** : 500GB **RAM** : 8GB DDR3 **Monitor** : 19.5" LED **KB/MOUSE** : YES **ODD** : NA **ONLINE UPS** : YES	**50**

Open Source S/W : 13			
S.No.	**COMMERCIAL SOFTWARE**		**OPEN SOURCE SOFTWARE**
1	Matlab	→	Scilab
2	Simulink	→	Xcos
3	Fluent	→	OpenFOAM
4	SPSS	→	R
5	ORCAD, PSpice	→	eSim
6	AspenPlus CHEMCAD Simsci P RO/II	→	DWSIM, OpenModelica
7	CYME, ERACS, PSSE, ETAP	→	OpenModelica and OpenIPSL
8	Adobe Photoshop	→	GIMP
9	Coreldraw, Adobe Illustrator	→	Inkscape
10	Pagemaker, QuarkXPress, Adobe Indesign	→	Scribus
11	Maya, 3D Max	→	Blender 3D
12	Adobe flash	→	Synfig Studio
13	Windows	→	Linux

6. Number of System Available in Digital Library/ Multimedia PC

S. NO.	CPU	HDD (GB)	RAM	MONITER/ TFT	KEYBOARD/ MOUSE	ODD	UPS
1	C2D 2.8 Ghz	500	4GB	15.6" TFT	Yes	CD ROM	600 VA
2	I3	500	4GB	15.6" CRT	Yes	CD ROM	600 VA
3	I3	500	4GB	15.6" CRT	Yes	CD ROM	
4	I3	500	4GB	15.6" CRT	Yes	No	
5	C2D 2.8 Ghz	500	4GB	15.6" TFT	Yes	CD ROM	600 VA
6	C2D 2.8 Ghz	500	4GB	15.6" CRT	Yes	CD ROM	
7	I3	500	4GB	15.6" CRT	Yes	No	
8	I3	500	4GB	15.6" CRT	Yes	CD ROM	
9	I3	500	4GB	15.6" CRT	Yes	No	
10	I3	500	4GB	15.6" TFT	Yes	No	

7. Number of System Available in Library Department

S. NO.	CPU	HDD (GB)	RAM	MONITER /TFT	KEYBOARD /MOUSE	ODD	UPS
1	6th Gen. 64bit 2.7GHz Core i5	500GB	8GB	19.5” TFT	Yes	CD ROM	YES
2	C2D 2.8 Ghz	500	1GB	15.6" TFT	Yes	CD ROM	600 VA
3	C2D 2.8 Ghz	500	1GB	15.6" TFT	Yes	DVD Writer	600 VA
4	C2D 2.8 Ghz	500	1GB	15.6" TFT	Yes	No	600 VA
5	C2D 2.8 Ghz	500	1GB	15.6" TFT	Yes	CD ROM	600 VA

8. Number of System Available in Administrative Offices

S. NO.	CPU	HDD (GB)	RAM	MONITER/ TFT	KEYBOARD/MOUSE	ODD	UPS	USER
1	i3	500	4GB	15.6" TFT	Yes	CD ROM	600 VA	Account Deptt.
2	i3	500	4GB	15.6" TFT	Yes	DVD Writer	600 VA	HR
3	i3	500	4GB	15.6" TFT	Yes	DVD Writer	600 VA	Admission
4	i3	500	4GB	15.6" TFT	Yes	DVD Writer	600 VA	T&P
5	C2D 2.8 Ghz	500	1GB	15.6” TFT	Yes	No	600 VA	Exam Cell
6	i3	500	4GB	15.6" TFT	Yes	CD ROM	600 VA	Director Office
7	i3	500	4GB	15.6" TFT	Yes	CD ROM	600 VA	Director Office
8	i5	1TB	4GB	15.6" TFT	Yes	CD ROM	600 VA	Statutory Dept.
9	i5	1TB	4GB	15.6" TFT	Yes	CD ROM	600 VA	Statutory Dept.
10	i5	1TB	4GB	15.6" TFT	Yes	CD ROM	600 VA	Statutory Dept.

(ii) Total number of available Licensed Software's



System Software

Sr. No	Product	Description	Category	License No.
1.	Microsoft Windows 10 Educational	Windows 10	Licensed	V-4360839
2.	Microsoft Back Office Server 4.5	Developer Edition	Licensed	V-4360839
3.	Red Hat Enterprise Linux	Operating System	Open source	NA
4.	Android – 8.0 Oreo	English OLP NL AE User CAL	Open Source	NA
5.	Microsoft Windows Server CAL 2008	Windows Server CAL 2008	Licensed	V-4360839

Application Software

Sr. No	Product	Qty	Category	License No.
1.	Microsoft Certified Campus	55	Licensed	V-4360839
2.	Adobe PageMaker 7.0	10	Licensed	90039351/ 7332838
3.	Adobe Photoshop's	14	Licensed	PN 23101805
4.	Adobe In design CS 4 6.0 DVD Academic	14	Licensed	7332838
5.	Quark Express 7.0	3	Licensed	JZ50580768144
6.	CorelDraw	1	Licensed	3516309197
7.	Oracle Standard Edition 11g	1	Licensed	CSI#16135318
8.	SPSS 17.0	1	Licensed	228019
9.	IBM Rational Rose Enterprise Authorized user License	1	Licensed	7448831
10.	Tally 9.0 ERP Gold	3	Licensed	795022911
11.	Codegear C++ Builder 2009 Professional	1	Licensed	91206
12.	Final Cut Pro	1	Licensed	166184528443
13.	Edius Pro 8.0	1	Licensed	EPR8-STR-E (S.No.182085-E8CGHEWN99THK8N5)
14.	Light room	18	Licensed	
15.	Illustrator	18	Licensed	
16.	Acrobad DC	18	Licensed	
17.	Bridge	18	Licensed	
18.	Audition	18	Licensed	

19.	Flash professional	18	Licensed	
20.	Dreamweaver	18	Licensed	
21.	InCopy	18	Licensed	
22.	Fuse	18	Licensed	
23.	Preloude	18	Licensed	
24.	Firework	18	Licensed	
25.	Flash builder premium	18	Licensed	
26.	Premier Pro	18	Licensed	
27.	Gaming SDK 1.4	18	Licensed	
28.	Adobe Extension Manager	18	Licensed	
29.	Extend Script toolkit	18	Licensed	
30.	Maya Software	1	Licensed	
31.	LogicSim 3.3	1	Freeware	N/A
32.	Mysql 5.7	1	Open Source	N/A
33.	GNS3	1	Open Source	N/A
34.	Weka 3.6	1	Open Source	N/A
35.	PHP 5.3	1	Open Source	N/A
36.	Apache Tomcat 7.0	1	Open Source	N/A
37.	Kforge 0.18	1	Open Source	N/A
38.	swi-prolog 5.10	1	Open Source	N/A
39.	SOOL	1	Open Source	N/A
40.	Apache Jmeter 2.4	1	Open Source	N/A
41.	Fedora 25	1	Open Source	N/A
42.	JDK 8.0	1	Open Source	N/A

(iii) Quality of Internet connectivity

SPECTRA

Original for Recipient - Tax Invoice

Tecnia Institute Of Advanced Studies

Sukant Vats
3 PSP, Floor - 1st floor, Plot No. 3Psp, Institutional Area, Rohini, Sector-14 Extension , Delhi
110085 , Delhi

Mobile Number	9811023864
Email ID	web@tecnia.in
State	Delhi
State Code	07
GST Number	

Customer Account Number (CAN)	9074513
Bill Number	BDLI004762/26-27
Billing Frequency	Quarterly Advance
Bill Date	16 October, 2026
Due Date	**31 October, 2026**
Plan Code	ENT_BIA100_QTR
Plan Name	Business Internet Access 100Mbps_QTR
PAN Number	AAATH0721P
TAN Number	DELH03713D
Tax Payable on Reverse Charge	No

Bill Summary

Previous Balance	Payment	Adjustments	Current Bill Charges	Amount Payable	Due Date	Amount Payable After Due Date
₹ 79,649.50	₹ -79,651.00	₹ 00.00	₹ 79,650.00	**₹ 79,648.50**	**31 October, 2026**	**₹ 82,037.96**

Summary of Charges

Description	Amount ₹
1. One Time Charges	00.00
2. Recurring Charges	67,500.00
3. Other Charges	00.00
4. Discounts	00.00
5. Gross Taxable Value	67,500.00
6. GST	12,150.00
Current Bill Charges	**79,650.00**



Please deduct TDS as per LTDS Certificate otherwise under section 194 (C).

Pay Your Bill

Online	**www.spectra.co**(Convenience charges along with GST as per Gateway partner applicable)	
Cheque/DD	All cheque/DD to be issued in favour of "Shyam Spectra Private Limited" (Please write **CAN: 9074513** & **Bill Number: BDLI004762/26-27** on the back side of the cheque/DD).	
Through NEFT/RTGS	Please make the payment as per details provided below (No convenience charge)	
Bank Name	**Bank Account No.**	**IFSC Code**
Axis Bank Ltd.	CITY9074513*	UTIB0CCH274
GST No. (Delhi)	**PAN Number**	
07AADCC3694E1ZP	AADCC3694E	

* Please add as third party beneficiary (including Axis Bank Customer)

New Delhi Office : Shyam Spectra Pvt. Ltd. (Formerly known as Citycom Networks Pvt. Ltd.) , 1st Floor, A-60, Naraina Industrial Area, Phase-1 , New Delhi, 110028, Delhi ,State Code - 07
Registered Office : A-60, Naraina Industrial Area, Phase -1, New Delhi - 110028 **(CIN :** U72300DL2008PTC177873**)**
This is a computer generated bill, paper bill will be charged at ₹100/- per bill copy

Page 1 of 4

100 Mbps from Spectra Pvt. Ltd.

Internet Bandwidth	: 1000 Mbps
Wi-Fi Connectivity	: 8 Mbps
Hotspots	: 05

Network Devices	Quantity
D-Link 24 Port switch	29
D-Link 16 Port switch	3
D-Link 8 Port switch	14
D-Link Router	1

Firewall

Product	**Details**
Firewall	Cyberoam 100ing
Online UPS	03

Printer Details:-

Printers specification	**Quantity**
CANON LBP 2900	21
HP LASER JET 1020	2
HP LASER JET 1025	1
HP ALL IN ONE	1
HP LASER JET CP 1025 COLOR	2
Total:-	25+2=27

Scanner Detail

Scanner Specification	Quantity
CANON LIDE 110	3
CANON LIDE 120	4
HP SCANJET G2410	1
Total	8

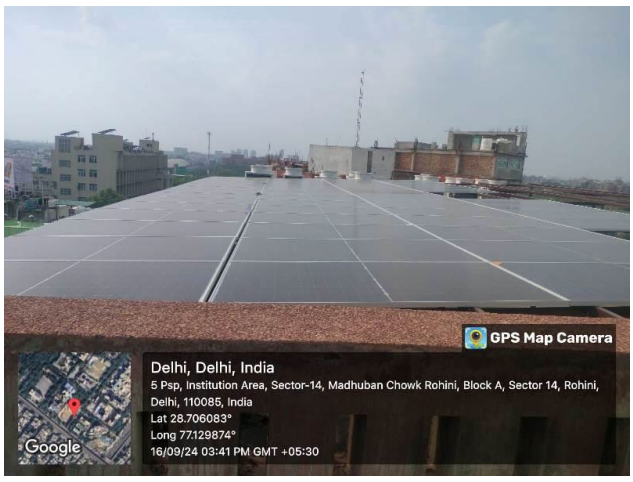
LCD Projectors

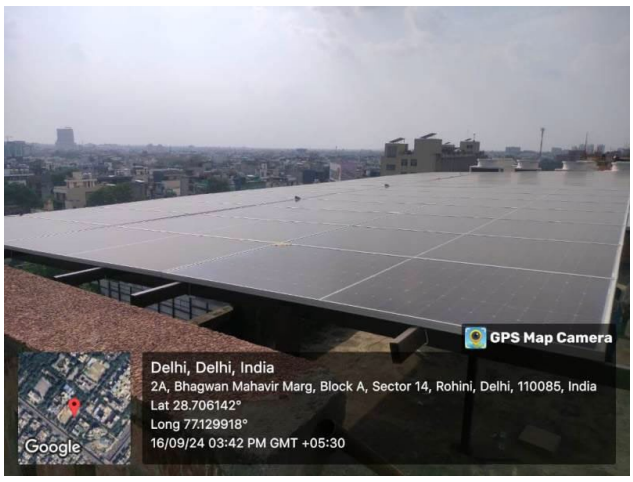
LCD Projection specification	Quantity
Configurations	Quantity
Sony VPL-ES7	6
Sony DX-100	10
Sony EX-100	3
Sony VPL-FX-52	1
Casio XJ140	1
EPSON EB430	1
NEC NP110	1
Sony VPL DX 220	10
Total	33

(iv) Power Back-Up

A. Alternate Source of Energy: Solar Power Plant

S. No	Particular	No.	Capacity	Location
1	Solar panels (on Grid) Three phase (Size 545-555wp)	70	50KW	UG Block
2	Inverter (on Grid 50 KW) Bifacial Modular	1	50KW	UG Block
3	Battery (K Solary)	1	50KW	





Solar panels on the TIAS Building Roof top

B. The institute is equipped with power generator, details below

S. No	Particular	Capacity	Location
1	Cummins Power Generator	125KV	UG Block
2	Cummins Power Generator	125KV	PG Block





Availability of Generator in the Building for electricity Back up Supply

C. The institute is equipped with Online UPS

S.No	Particular	Capacity	Location
1	Eaton Online UPS Model No.20,000 HXL/ 31 Rating with 20 No. Quanta Batteries with Rack	20KVA	UG Block
2	Eaton Online UPS Model No.20,000 HXL/ 31 Rating with 20 No. Quanta Batteries with Rack	20KVA	PG Block
3	Eaton Online UPS Model No.20,000 HXL/ 31 Rating with 20 No. Quanta Batteries with Rack	20KVA	Admin Block




Availability of Online UPS Supply