



MES ASMABI COLLEGE

CRITERIA 4

4.3 IT INFRASTRUCTURE



KEY INDICATOR

4 . 3 . 1

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

a

IT Facilities in Classroom,
Department, Library

h

Computer Lab

b

Specifications of Available
Computers

i

Digital Cameras (SLR)

c

Printing, Scanning
and Reprographic Facility

j

Language Lab

d

CCTV Facility in Campus

k

Media Lab

e

Public Announcement System

l

Server/System
Administrator Room

f

Details of WIFI Connectivity

m

LMS

g

Smart Class Rooms

n

IT Facilities in Library

o

Students/Faculty ID Tag
Printing

S

Social Media Page

p

ICT Enabled Classroom

t

BSNL Public Wifi Facility

q

KFON Internet Connectivity

u

Mobie Phone Distribution

r

List of Licensed Softwares

v

Upgradations in IT Equipments

w

GPS System in College Bus

a. IT Facilities in Class Room



IT Facilities in Department



IT Facilities in Library


Digital Library




b. Specifications of Available Computers

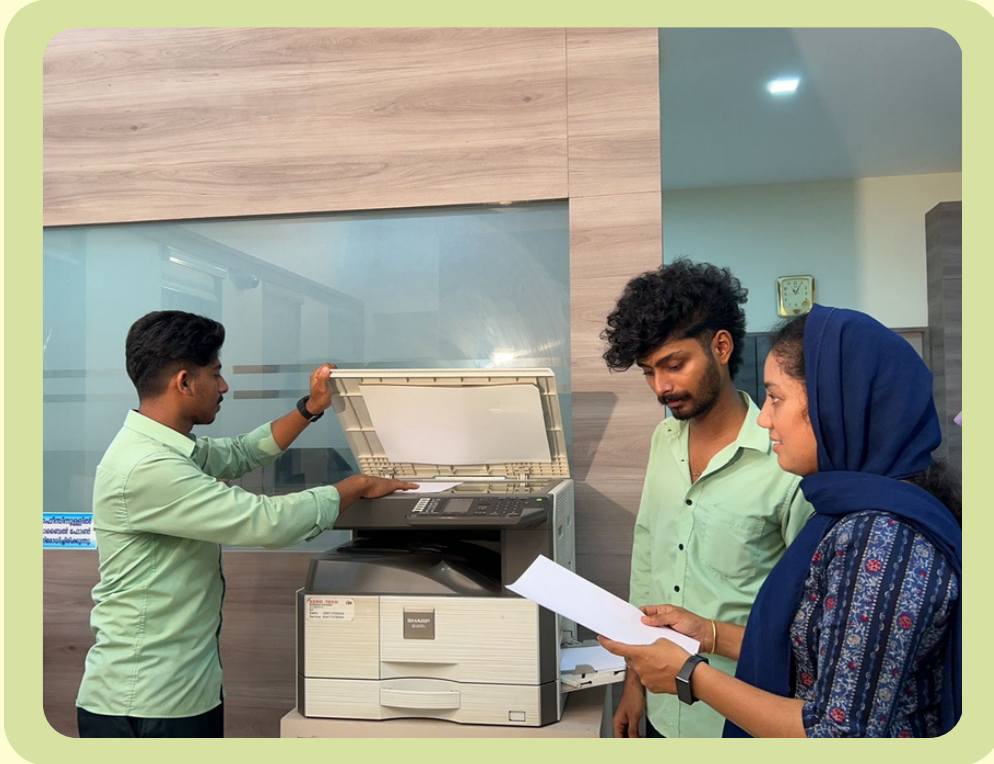
SL No.	Computer Make/Model	Specifications	Quantity
1	ACER Vt M200-H310	Intel Core i3 9th Gen/4GB RAM/1TB HDD /USB/USB3	30
2	ACER VERITON S2680G	Intel Core i5 11th Gen/8GB RAM/1TB HDD/DW/U/U/Windows Home/WIFI/1GB Graphics Card	30
3	Lenovo Desktop	Intel Core i3 9th Gen/8GB RAM/Windows Home/WIFI/1TB HDD /USB/USB3	16
4	Fingers Desktop	Intel Core i3 9th Gen/4GB RAM/500GB HDD /USB/USB3	17
5	Fingers Desktop	Intel Core i3 7th Gen/4GB RAM/500GB HDD /USB/USB3	30

Bills Showing Specifications of Computers

 KERALA STATE ELECTRONICS DEVELOPMENT CORPORATION LTD. <small>(A Government of Kerala Undertaking)</small> IT Business Group <small>ISO 9001:2015 Certified</small>		Velayambalam Junction, Thiruvananthapuram - 69503 Phone : 04714094444 Fax : 04712724545 E-mail : itbg@keltron.org	GST No : 32AABCK1319E4Z5 PAN No : AABCK1319E CIN No : U74999KL19725G0002450 TIN No : 32010164324 Ser Tax No : AABCK1319EST016				
Sold To The Deputy DirectorOffice of the Deputy Director of Collegiate Education Thrissur - 20 GSTIN 32CHNO00610B1DY PAN State Code 32		Customer Order No & Date 30453 Delivery Address DEPUTY DIRECTORATE OF COLLEGIATE EDUCATIONDeputy Directorate of Collegiate Education, Thrissur-680020,Ph:9446463491	IRN Invoice No ITP/03845/22-23 Invoice Date 30/06/2022 OA No ITP/5978/21-22 OA Date 14-FEB-22 DBA No ITP/1638/22-23 DBA Date 26-JUN-22				
Mode of Despatch: Nil		Payment Terms: Advance Payment					
SLNo	HSN/SAC Code	Description and Specification of Goods	Qty	UoM	Rate	GST%	Taxable Value
1	847150	Desktop High End Windows 10 Home (Intel Processor) Processor: Intel Core i5 10400 @2.9 GHz, 6 cores,12 MB cache,TDP-65W Chipset: compatible Chipset Motherboard: OEM Motherboard Memory: 8 GB DDR4 RAM upgradable to 32 GB. Hard Disk Drive: 1.0TB 7200 rpm or higher. Graphics Adapter: High end Graphics adapter with 2.0GB memory Monitor: 21.5" or larger TFT/LED Digital Colour Full HD Monitor with IPS display panel, same make as PC Keyboard: USB interface, Keyboard, Same make as PC. Mouse: Optical with USB interface. Same make as PC. Ports: 6 USB Ports or more (at least 2 USB 3.0 ports and two ports in front panel (atleast 1 should be USB 3.0)), HDMI/DIP, Audio ports Optical Drive: 8X or better DVD RW Drive. Networking facility: 10/100/1000 on board integrated Network Port, & Wi-Fi 802.11 b/g/n connectivity Certifications: a. RoHS Compliance for Product b. ISO 14001 for OEM c. EPEAT Registered Operating System: ?Windows 10 Home? Warranty: 5 year comprehensive on-site warranty including Monitor.	30	Nos	34875.33	18	1046259.9
<p style="text-align: center;">Declaration</p> <p>Certified that all the particulars shown in the above Tax invoice are true and correct in all respect and the goods in which the tax charged and collected are in accordance with the provisions of GST Act 2017 and the rules made thereunder. It is also certified that my/our registration under GST Act 2017 is not subject to any suspension/cancellation and it is valid as on date of this bill</p> <p style="text-align: right;">Signature valid Digitally Signed by KALPANA ANNE MATHEW Date: 06/07/2022 Digitized Signature</p>							

 INVOICE		APEXV9 TECH SOLUTIONS PVT LTD 845249 AA, NTRIA 27, NORTH PALATHURUTHY LANE, SOUTH KALLOOR, P.O.# - 682917 GST: 32AASCA221012ZF					
Bill To Address: MES ASHMI COLLEGE, VEMBALLUR PO, KODUNGALLOOR		INVOICE # P/000129 Date 30.12.2020					
Delivery Address: MES ASHMI COLLEGE, VEMBALLUR PO, KODUNGALLOOR		Our CRN # Reference # Your P.O.# DC # Reference # Customer's - GST #					
Taxes Payable Separation Point		Date: 30-Dec-20					
Sl#	Description	Qty	Rate/UNIT Rs.	Amount Rs.	Tax%	TAX AMT.	Total INV Amount
1	Intel i3 processor Gigabyte H610M/H Motherboard Adats ddr4 8Gb 3200 Mhz desktop memory Adats 259 m.2 nvme ssd LG20" 20M3SH-B BTR (20)TN(VGA)HDMI(75Hz) Monitor with hdmi cable Fingers atlantic cabinet with smps Dell KB 216 wired keyboard Dell Mx116 wired mouse	30 Gb	26,450.57	7,94,067.90	18.00	1,42,932.22	9,37,000
Payment Terms 100% advance		Others All items carry 3 year warranty					
GST 32AASCA221012ZF		Invoice Value 9,37,000					
PAN AABCK1319E		Advance					
SERVICE TAX IN		Net Amount 9,37,000					
Amount in Words: Nine lakh thirty seven thousand		For APEXV9 TECH SOLUTIONS PVT LTD					
Receiver's Stamp & Signature		Prepared By Checked by					
Ph: 9444612817, Mob: 79947260/11608954403, Website: www.apexv9.com							

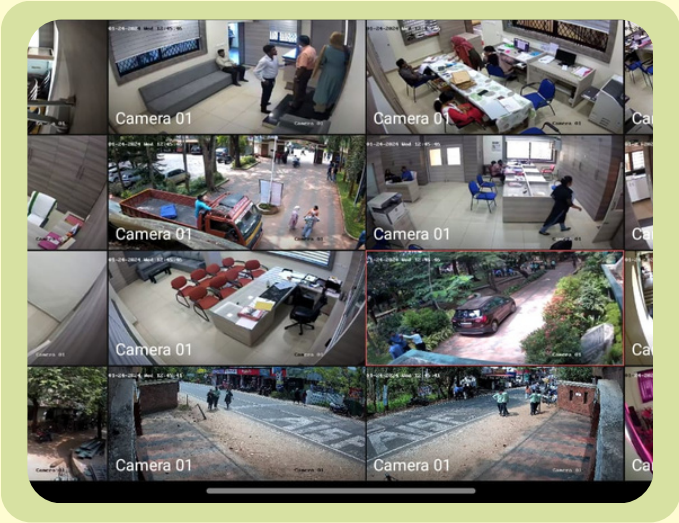
c. Printing, Scanning and Reprographic Facility



High Speed Printer (140 pages per second) for Printing University/Internal Examination Question Papers



d. CCTV Facility in Campus



e Public Announcement System

Amplifier System



Speaker System



f. Details of WIFI Connectivity

MUZIRIS CABLE VISION

ROOM NO: 476, VAJRA COMPLEX, ANCHANGADI, P.O. P VEMBALLUR, PIN 680671
PH: 9388658437

ISP KERNEL FIBER NET provided 15 broad band internet connection, in that 2 internet connections are in 150 Mbps speed to MES ASMABI College P Vemballur through Muziris Cable Vision Anchangadi. The agreement active from 2022 to 2023.

Muziris Cable Vision handles all these errors responsibility and honestly.

25-09-2023
Anchangadi

For Muziris Cable Vision

HABEEB K

(Managing Partner)

For Muziris Cable Vision P Vemballur

Proprietor

← Agreement

→ Bill

MUZIRIS CABLE VISION							
ANJIANGADI, P.O.VEMBALLUR,PIN 680671, MOB:9388658437							
TAX INVOICE							
Customer Name	MES ASMABI COLLEGE			INVOICE No	TM/23-24/05		
Address	P.VEMBALLUR			DATE	7/15/2023		
Mobile / Phone	85,901,787,009,446,100,000			BILL MODE	Cash		
GSTIN				PLACE	Kerala-32		
				TAX TYPE			
Sl No	Description Of Goods	QTY	Rate	Discount	Amount		
1	MES AQUACULTURE (KFON_60Mb_UL* (09.07.2023 to 08.08.2023)	1	700.00	-	700.00		
2	MES BOTANY (KFON_60Mb_UL* (09.07.2023 to 08.08.2023)	1	600.00	0	600.00		
3	MES CHEMESTRY (KFON_60Mb_UL* (09.07.2023 to 08.08.2023)	1	600.00	0	600.00		
4	MES ENGLISH (KFON_60Mb_UL* (09.07.2023 to 07.08.2023)	1	600.00	0	600.00		
5	MES HISTORY (KFON_60Mb_UL* (09.07.2023 to 08.08.2023)	1	600.00	0	600.00		
6	MES LAB(KFON_150Mb_FUP_300G* (09.07.2023 to 08.08.2023)	1	600.00	0	600.00		
7	MES LIBRARY (KFON_30Mbps_UL* (23.07.2023 to 22.08.2023)	1	500.00	0	500.00		
8	MES MAS (KFON_75Mb_UL* (09.07.2023 to 08.08.2023)	1	900.00	0	900.00		
9	MES MATHEMATICS (KFON_60Mb_UL* (09.07.2023 to 08.08.2023)	1	600.00	0	600.00		
10	MES PHYSICS (KFON_60Mb_UL* (09.07.2023 to 08.08.2023)	1	600.00	0	600.00		
11	MES QUARTERS (KFON_30Mbps_UL* (09.07.2023 to 08.08.2023)	1	500.00	0	500.00		
12	MES COMMERCE (KFON_60Mb_UL* (09.07.2023 to 08.08.2023)	1	600.00	0	600.00		
13	MES MAIN OFFICE AJIMS P (KFON_80Mb_FUP_750G* (24.07.2023 to 23.08.2023)	1	700.00	0	700.00		
14	MES MAIN LAB SMART ROOM(KFON_60Mb_UL* (03.07.2023 to 02.08.2023)	1	600.00	0	600.00		
15	MES OFFICE AJIMS 1 (KFON_60Mb_UL* (23.07.2023 to 22.08.2023)	1	600.00	0	600.00		
16	MES PRINCIPAL (KFON_150Mb_FUP_300G* (13.07.2023 to 12.08.2023)	1	600.00	0	600.00		
17	BVOC Block (KFON_60Mb_UL* (05.07.2023 to 04.08.2023)	1	600.00	0	600.00		
18	Mes psychology (KFON_150Mb_FUP_300G (24.07.2023 to 23.08.2023)	1	600.00	0	600.00		
declaration : We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct					Amount Before Tax	11,100.00	
					SGST 9%		
					CGST 9%		
					Round off		
					Net Amount	11,100.00	
Amount In Words : Eleven thousand one hundred Rupees and zero paisa only.							
Thanks For Business with Us					FOR MUZIRIS CABLE VISION		

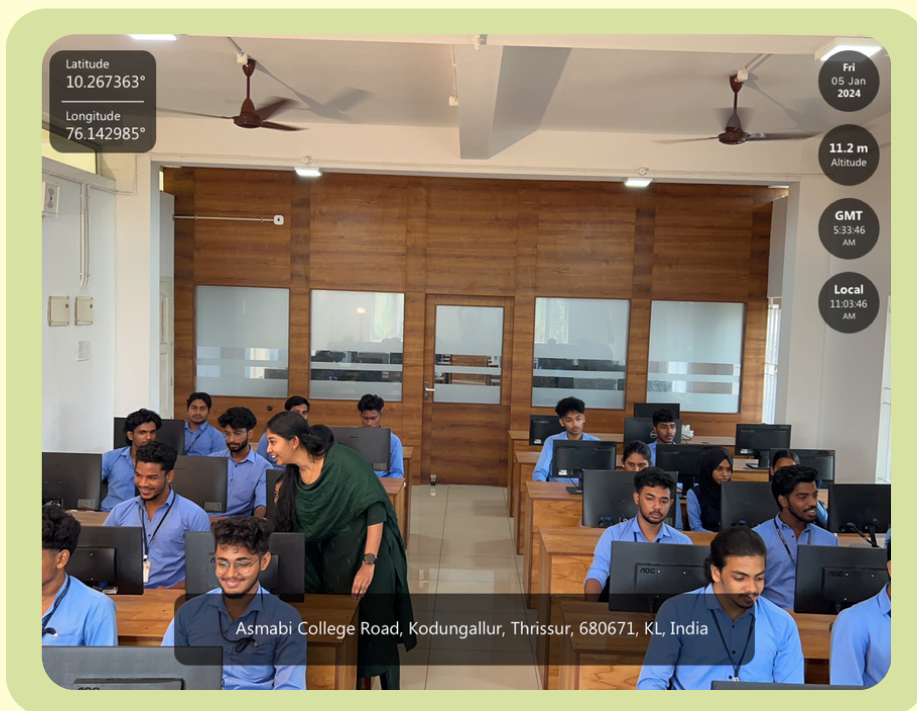
g. Smart Class Room



h. Computer Lab 1



Computer Lab 2



i Digital Camera (SLR)

Mass Communication and Digital Film Production Students use SLR/Action Cameras for their Classes and Projects



j. Language Lab



k. Media Lab



I. Server/System Administrator Room

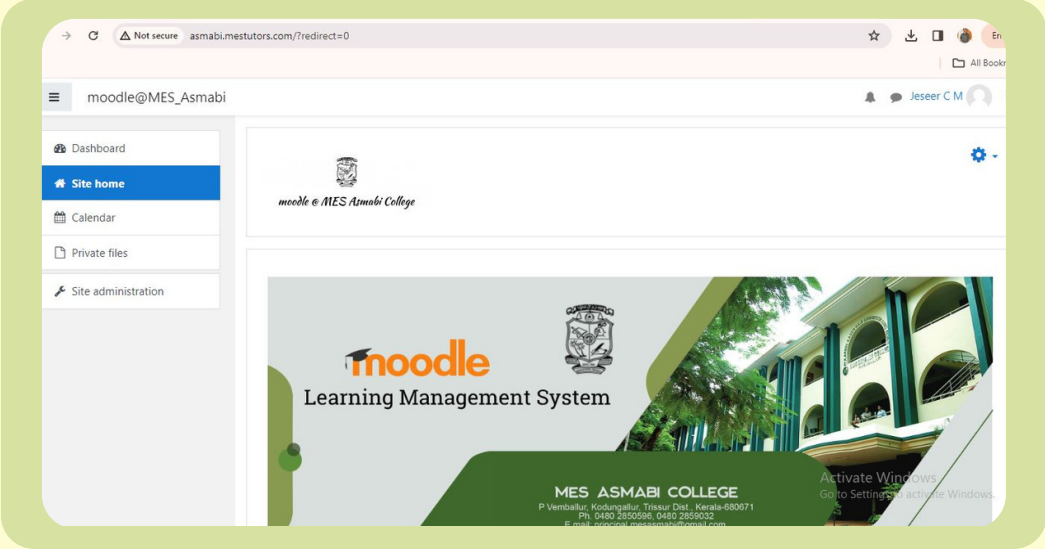
Server Rack



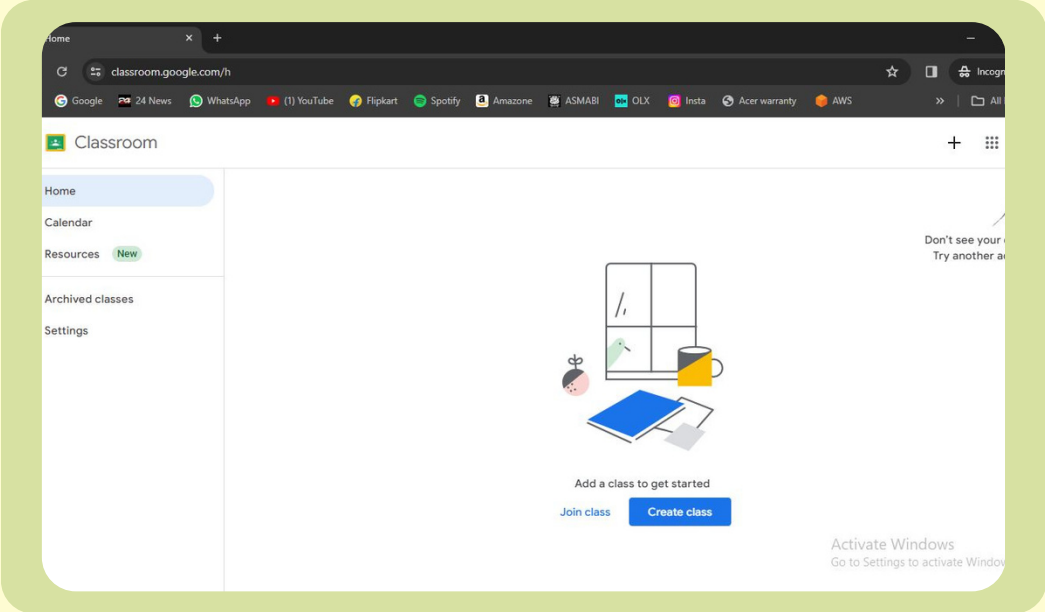
System Administrator Room



m. LMS : MOODLE



LMS : Google Class Room

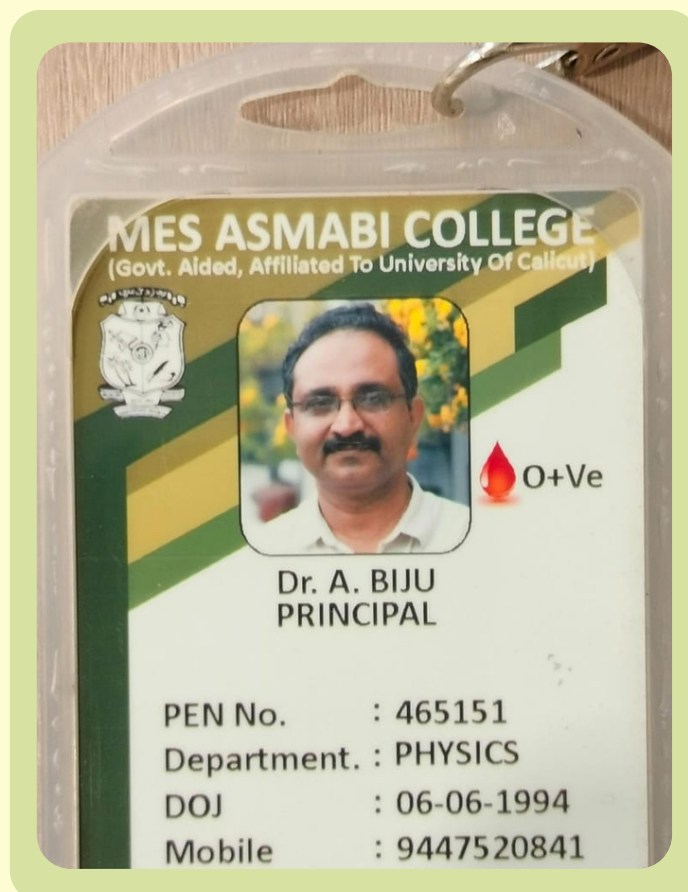


n. IT Facilities in Library



o. ID Card Printing


Facility to Print ID Tag for all the Students and faculties



p. ICT Enabled Classroom



q. KFON Internet Connectivity




KFON Configuration Report

Customer / End Office Name: BoQ ID	MES Asmabi College - P vemballur, AEO-I-SP328TCR-Anchangadi - 22781
Department:	Education
Address	MES Asmabi College Asmabi College P vemballur
Mobile No:	9036363232 PU
Landline No:	0486 - 2850596
Type of Connection:	FTTH
	Intranet <input checked="" type="checkbox"/>
	ILL
	MPLS VPN
	P2P Leased Line
Speed:	10 Mbps
Available Speed:	9.98 Mbps
Date of Visit:	07/10/2023
How Many Devices using KFON Internet	1
Allocated IP/ Username	100.115.33.26
MAC of the CPE:	00:04:59:d1:73:48
Is any Wifi router or Switch available	Switch
Existing Service providers (if any)	BISL FTTH,
If any Other Services rendered from existing provider	No
Remarks/Suggestions if any	

I/We declare that the KFON team has installed required Service to our office, and we are obtaining the actual service with configured speed.


Signature of customer with seal

Name: JOSEPH J



Signature of KFON Engineer

Name: Muhammad Syah

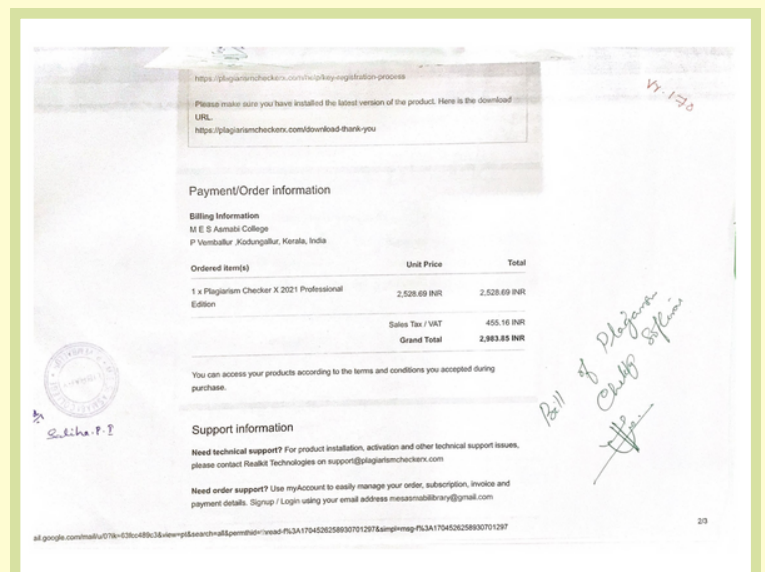




r. List of Licensed Softwares

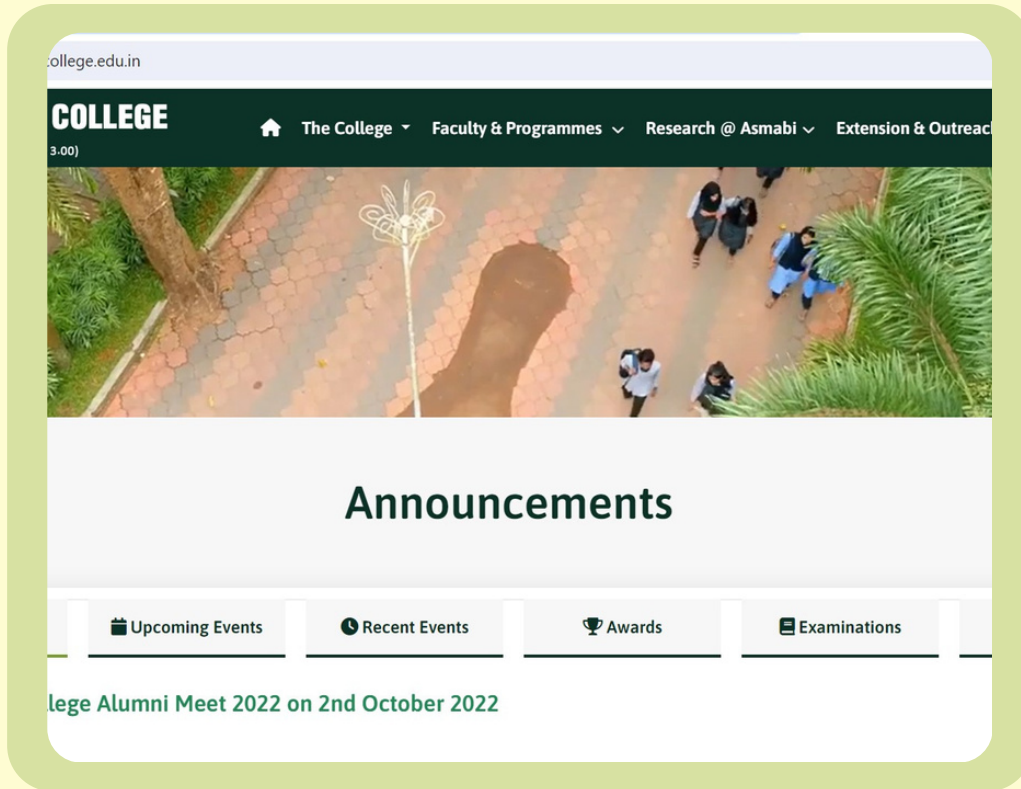
SL No.	Name of License	Quantity
1	Microsoft Windows 10	46
2	Neundo 7(Editing software)	1
3	Canva Pro	2
4	Web OPAC and Digital Library Software	1
5	Plagiarism Checker	1
6	Skillshare App	1

Bills of Licensed Softwares



College maintains institutional website, as well as social media platforms like Facebook, Instagram, and institutional YouTube channel.

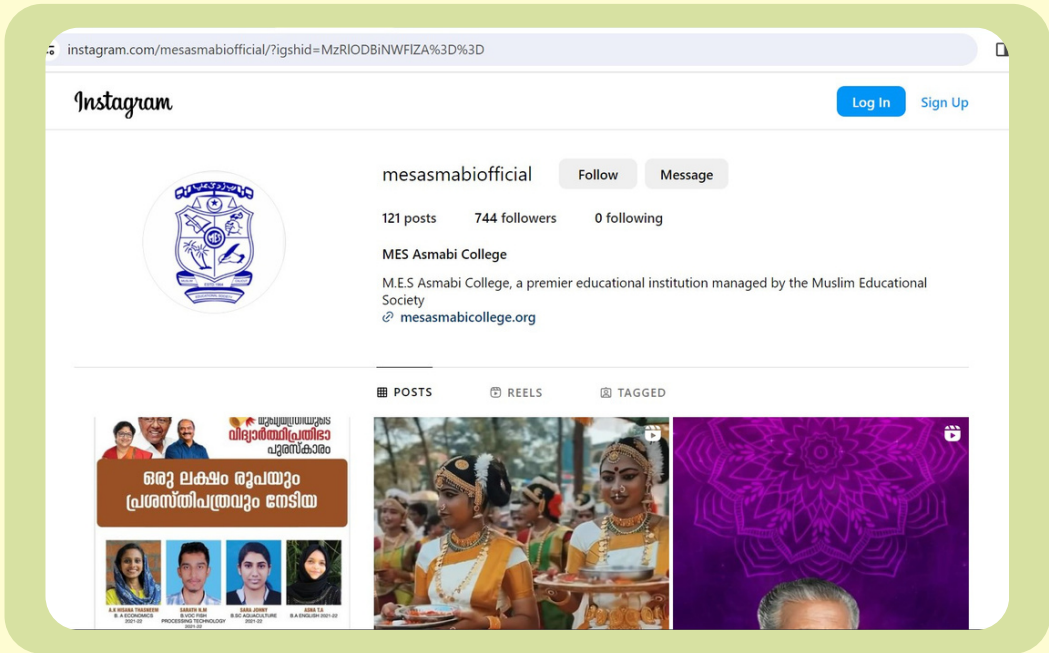
s. College Website



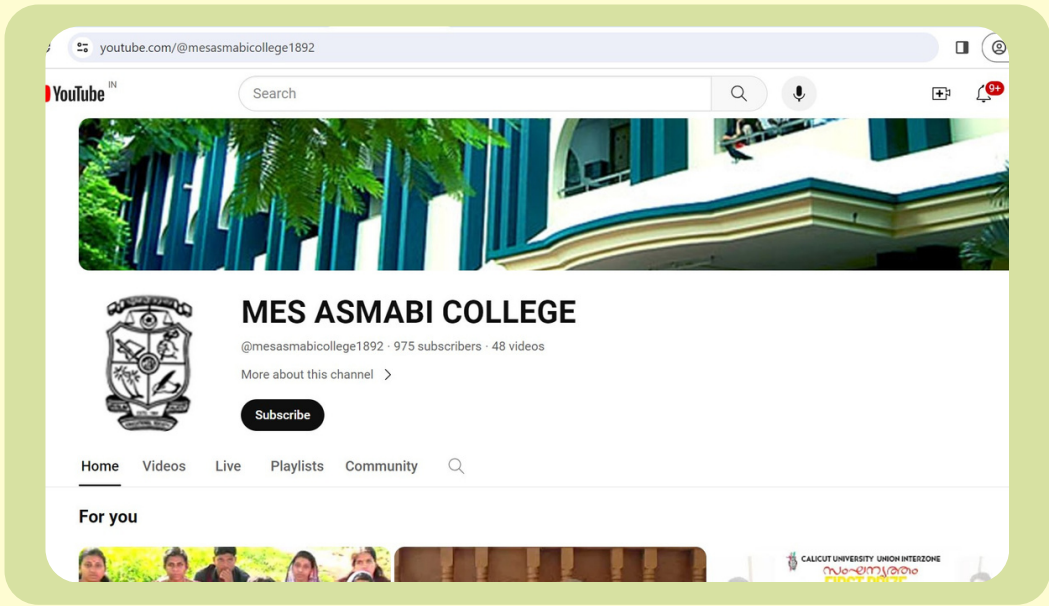
Facebook Page



INSTAGRAM PAGE



YOUTUBE PAGE



t. BSNL Public Wi-Fi Facility

भारतीय गैर न्यायिक एक सौ रुपये Rs. 100 ONE HUNDRED RUPEES

भारत INDIA INDIA NON JUDICIAL

കേരളം കേരल KERALA DD 841052

Agreement for providing Wi-Fi retail Services (Model-1) Thrissur BA of Kerala Circle
(To be signed in Rs.200/- Non-Judicial Stamp paper)

THIS Agreement entered on this 09 May 2022 day of M.E.S. ASMABI COLLEGE and between:

BHARAT SANCHAR NIGAM LIMITED (hereinafter referred to as "BSNL"), a company incorporated under the Companies Act 1956, having its Registered Office and Corporate Office at Bharat Sanchar Bhawan, HC Mathur Lane, Janpath, New Delhi-110 001, represented by Shri P. Venkatar, Designation Principal on behalf of General Manager Telecom District, Thrissur Telecom Circle / Metro District, PIN 688022.

Dr. A. BIJU
PRINCIPAL
M.E.S. ASMABI COLLEGE
P. VEMBALLUR P.O.,
KODUNGALLUR-688 671

Dr. A. BIJU
Principal
M.E.S. ASMABI COLLEGE
P. VEMBALLUR P.O.,
KODUNGALLUR-688 671

No 24059
11-03-2022
Bill to M.E.S. Asmabi College
P. Vemballur

കൊടുങ്ങല്ലൂർ
1-ാം നമ്പർ റെഗുലർ
ടി.വിയെസ്

SUB TREASURY OFFICE
KODUNGALLUR
09 MAR 2022

भारतीय गैर न्यायिक एक सौ रुपये Rs. 100 ONE HUNDRED RUPEES

भारत INDIA INDIA NON JUDICIAL

കേരളം കേരल KERALA DD 841051

AND

M/s.....(hereinafter referred to as "Public Data Office Partners (PDO)") a company incorporated under the Companies Act 1956/ A licensed Cable TV Provider, or Proprietary firm/ Partnership firm / Institution having its Registered Office at

represented by

Proprietor/ Partner/ Managing Director/ Power of Attorneyholder.

Dr. A. BIJU
Principal
M.E.S. ASMABI COLLEGE
P. VEMBALLUR P.O.,
KODUNGALLUR-688 671

Dr. A. BIJU
PRINCIPAL
M.E.S. ASMABI COLLEGE
P. VEMBALLUR P.O.,
KODUNGALLUR-688 671

No 24058
11-03-2022
Bill to M.E.S. Asmabi College
P. Vemballur

കൊടുങ്ങല്ലൂർ
1-ാം നമ്പർ റെഗുലർ
ടി.വിയെസ്

SUB TREASURY OFFICE
KODUNGALLUR
09 MAR 2022

Agreement

Whereas BSNL is in the business of providing Basic Telephony Services, Cellular Mobile Telephony Services (CMTS), Internet & Broadband Services and National Long-Distance Services (NLDS) etc. in its licensed areas of operation in the geographical territory of India (except Mumbai & NewDelhi).

AND

The PDO is having an objective of providing the internet service to the people using the retail Wi-Fi in its area, where good number of foot-falls are involved, as mentioned in Annexure-I (hereinafter referred as "Hot-spot Locations in Annexure"). These Hot-spot Locations in Annexure-I may be modified from time to time as per approval of PGM THRISSUR BA

This Agreement is signed for providing Wi-Fi retail Services in the areas mentioned in Annexure-I by PDO under Business Model-1 in Thrissur BA:

1. General purpose of the agreement:

- 1.1,PDO agrees that the infrastructure provided by BSNL(PGMDT)/GMTD will be utilized for exclusively for BSNL services only
- 1.2,BSNL envisages providing quality Wi-Fi connectivity to people at the areas of high foot-fall & strategic important locations through PDO (Public Data Office).
- 1.3,All the Wi-Fi services to the general public through Public Data Hot-spot shall be provided under the brand name of BSNL.

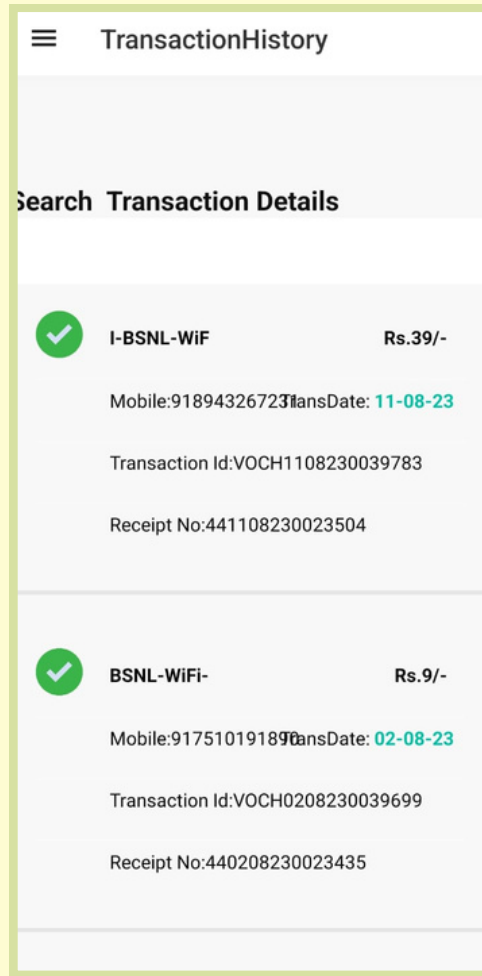
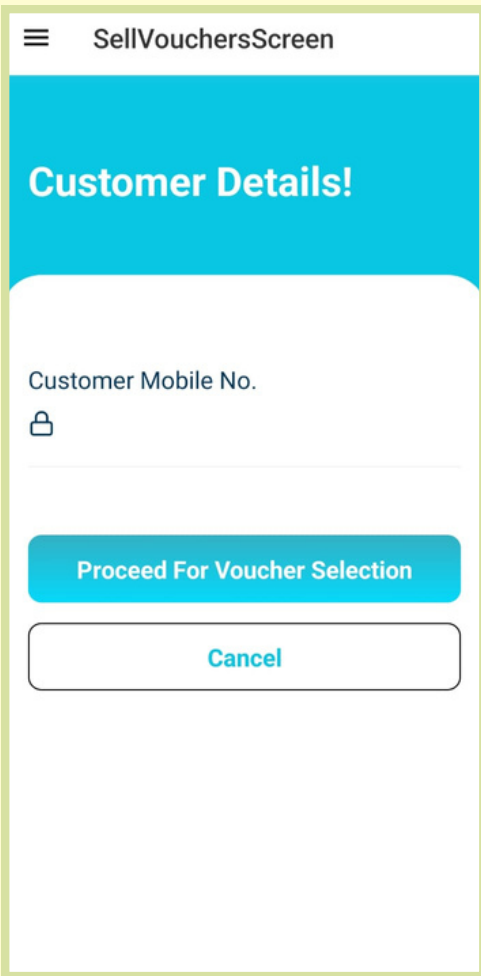
2.Roles and responsibilities of PDOs& BSNL

- 2.1. PDO shall be responsible for housing the Wi-Fi Equipment, providing housing & power, first level maintenance and distribution Recharge coupon /Voucher through mobile app.
- 2.2. PDO shall arrange BSNL's FTTH /Air Fiber connectivity up to PDO premises. PDO need to subscribe exclusive plan meant for PDO (Public Data Office). The monthly rental /plans charges need to be borne by PDO.
- 2.3. Mobile app for sale/ distribution of recharge vouchers shall be given by BSNL and it shall enable PDO for easy distribution of recharge vouchers and activation of subscribers for retail plan
- 2.4. BSNL shall provide core support, Access point, captive portal, charging platform, O&M, lawful interception, regulatory and monitoring arrangements
- 2.5 BSNL shall preferably configure each location under applicable Case in BSNL's IT systems such as ERP System, for calculation of applicable revenue share through IT systems.
- 2.6 The authorized signatory must provide an undertaking regarding the place of installation of each WIFI AP, for the purpose of creating the account in CDR, with ID/Address proof of the personnel managing the hotspot. The responsibility of safekeeping the equipment lies with the PDO.

Dr. A. BIJU
Principal
M.E.S. ASMABI COLLEGE
P. VEMBALLUR P.O.,
KODUNGALLUR-688 671

Dr. A. BIJU
PRINCIPAL
M.E.S. ASMABI COLLEGE
P. VEMBALLUR P.O.,
KODUNGALLUR-688 671

Screenshot of Mobile App Used for recharging Mobile phone



u. Mobile Phone Distribution



v. Upgradations in IT Equipments

SL No.	Existing Configuration	Upgraded Configuration And Quantity
1	4GB RAM	4GB Added in 30 Computer
2	Intel Pentium	Intel Core i3 - 10 Quantity
3	Normal HDD	SSD Hard disc - 20
4	Projector VGA Connectivity	HDMI Connectivity - 30 Quantity

Bills of Upgradations in IT Equipments

No	Description of Goods	SN NO	HSN Code	Qty	Rate	Gross Amount	CGST %	CGST Amt	SGST %	SGST Amt	Total
1	RAM 4GB DDR4 DESKTOP ADATA		84733099	16	932.20	14915.25	9.00	1342.37	9.00	1342.37	17600.00
Total :				16		14915.25					17600.00

Amount Chargeable (In Words) : Seventeen Thousand Six Hundred Rupees Only

Taxable Value	Central Tax Total	State Tax Total	Total Tax Amount
14915.25	1342.37	1342.37	2684.74

Round Off : 0.00
Discount : -

Bill Amount : 17600.00

Bank Name : NEW G
A/C No : 074305002302
IFSC Code : ICIC0000743
PAN Details :

Terms and Conditions :

(Common Seal) Authorised Signature

NEW G PUTHURUJY BUILDING VENGLA PO ARACKPADY PIN 683556		GSTIN : JJAVDPN0087G1ZU		Original for Recipient Duplicate for Transporter							
Buyer : MES ASMABI COLLEGE VEMBALLUR P O KODUNGALLOR		Invoice No. : 302	Invoice Date : 07-Jul-2023								
GSTIN : Ph:9036363232		Tax Mode : GST		Buyer's Order No :							
		Despatch No :		Other Reference(s) /Terms Of Delivery :							
No	Description of Goods	SN NO	HSN Code	Qty	Rate	Gross Amount	CGST %	CGST Amt	SGST %	SGST Amt	Total
1	SSD HDD 256GB 15M E2j052304278,E2j05230427 7,E2j052304456,E2j052304 271,E2j052304460,E2j0523 04459,E2j052304453,E2j045 2304272,E2j052304455,E2j 052304458	E2j0523042 78,E2j05230 4277,E2j052 304456,E2j0 52304271,E2j 052304460,E s2j05230445 9,E2j052304 451,E2j0523 04272,E2j05 23304455,E2j 052304458	8523100	10	1016.95	10169.49	9.00	915.25	9.00	915.25	12000.00
2	MOUSE DELL		84716060	10	245.76	2457.63	9.00	221.19	9.00	221.19	2900.00
3	KEYBOARD DELL		847160	10	508.48	5084.75	9.00	457.63	9.00	457.63	6000.00
4	MOTHERBOARD POWER H81 Pmb2205a811218,Pmb2205a81 1219	Pmb2205a811 218,Pmb2205a 811219	847330	3	2542.37	7627.12	9.00	686.44	9.00	686.44	9000.00
5	MOTHERBOARD POWER H81 PMB2303K611906	PMB2303K611 906	847330	1	2033.90	2033.90	9.00	183.05	9.00	183.05	2400.00
6	UPS BATTERY FRONTech		8507	1	726.56	726.56	14.00	101.72	14.00	101.72	930.00
Total :			35		28099.45						33230.00
Amount Chargeable (In Words) : Thirty Three Thousand Two Hundred and Thirty Rupees Only											
Taxable Value		Central Tax Total		State Tax Total		Total Tax Amount					
28099.45		2565.28		2565.28		5130.56					
Bank Details : Bank Name : NEW G A/C No : 074305002302 IFSC Code : ICIC0000743 PAN Details : Terms and Conditions :				Round Off : 0.00 Discount : -		Bill Amount : 33230.00					
										For Company Name, Authorized Signature	
										(Common Seal)	

i touch
XXV/642, 1st floor, Mariya Arcade, P.O.Thaikad-Guruvayur, Trichur 680104
Phone 9447691123/9747556007,E-Mail. itouchkerala@gmail.com
GSTIN/UIN: 32BTOPK9232Q1ZZ

Original- Buyer's Copy

TAX INVOICE											
Reverse Charge : Invoice No : IT/C/23-24/007 Invoice Date : 07.06.2023				Transportation Mode : Vehicle number : Date of Supply :							
State : Kerala		State Code : 32		Place of Supply :							
Details of Receiver		Billed to :		Details of Consignee		Shipped to :					
Name : MES Asmabi College, Address : P. Vemballur(P.O) , Kodungallur Thrissur-680671				Name : Address :							
GSTIN : State : Kerala		State Code : 32		GSTIN : State : Kerala							
State Code : 32		State Code : 32		State Code : 32							
S. N	HSN/SAC	Name of Products/Service	Unit Price	Qty	Net Amount	CGST 9% Amount	SGST 9% Amount	Amount			
1	8544	Logic HDMI Cable 15Mtrs	1,900.00	02	3,800.00	342.00	342.00	4,484.00			
2	8544	PWR-5 High Power Cable	600.00	02	1,200.00	108.00	108.00	1,416.00			
TOTAL					04	5,000.00	450.00	450.00	5,900.00		
								Round off	(+).00		
Grand Total Rs - 5,900.00											
Total Invoice Amount in Words: Indian Rupees Five Thousand And Nine hundred only											
HSN/SAC		Taxable Value		Central Tax		State Tax					
				Rate	Amount	Rate	Amount				
8544		5,000.00		9%	450.00	9%	450.00				
Total		5,000.00			450.00		450.00				
Bank Details: BANK OF INDIA, GURUVAYUR, A/C NO :855120110000045 IFSC: BKID0008551		Receivers Signature		Terms & Conditions 1. Goods once sold will not be taken back. 2. Interest @ 18% p.a will be charged if the payment is not made within the stipulated time. 3. Subject to Chavakkad Jurisdiction only.				Authorized Signatory			
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											

w. Using GPS System in College Bus for tracking the route

