## FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING



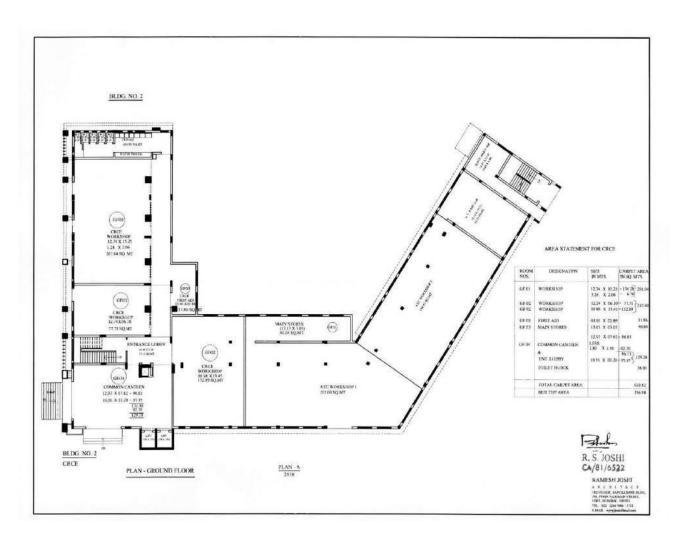
## 4.1 PHYSICAL FACILITIES

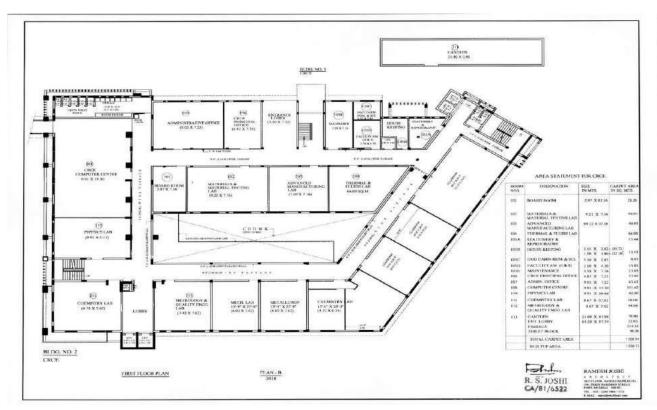
# 4.1.1 The institution has adequate facilities for teaching – learning, viz., classrooms, laboratories, computing equipment, etc.

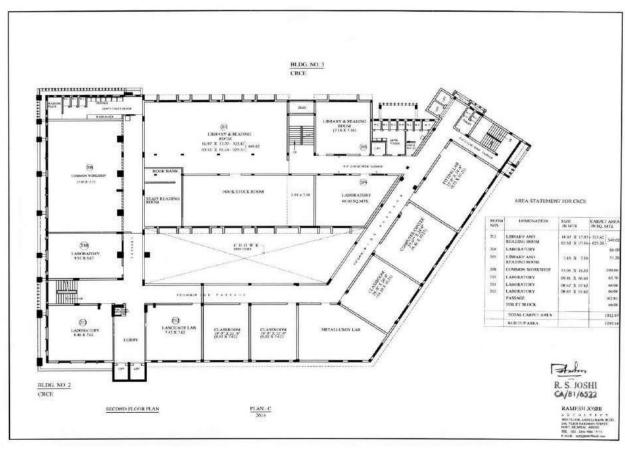
Sr. No	Title	Page No
1	Layout of campus	2
2	Equipments, computing facilities etc	10
3	Bills of equipments purchased	13
4	Details regarding hostel	22

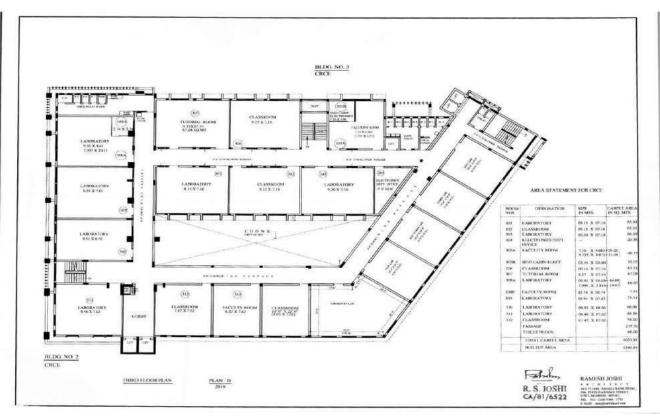
## 1) Instructional Area (INA) in Sq.m.:

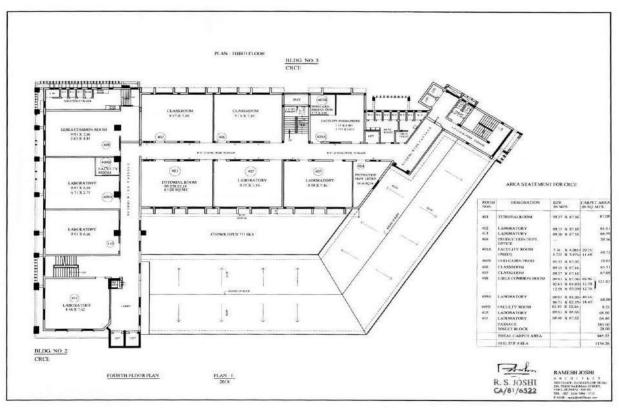
Particulars		For Exi	sting Intake	
	Nos	,		Area
	As per norms	Available	As per norms	Available
Classroom	15	17	12*66=990	1130
Laboratories	28	35	28*66=1848	2325
Tutorial Room	4	4	04*33=132	154
Drawing Hall	1	1	132	136
Workshop	3	3	3*200=600	411+200.06 =611.06
Seminar Hall+ Auditorium	2	3	02*132=264	148+150+234=532
Computer Centre	1	1	150	152
Language Lab	1	1	66	66
Library , Reading Room and Internet Centre	1	1	400	400
Research Laboratory	1	1	66	66

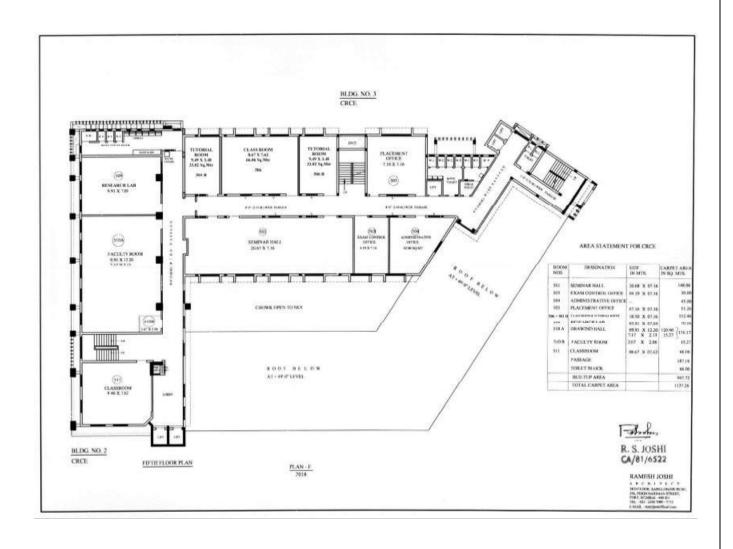


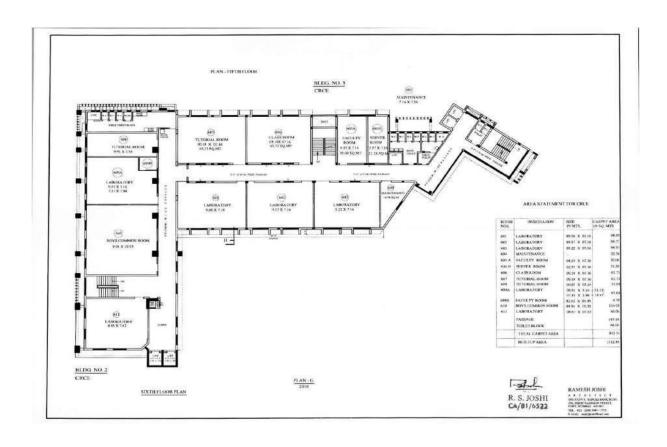


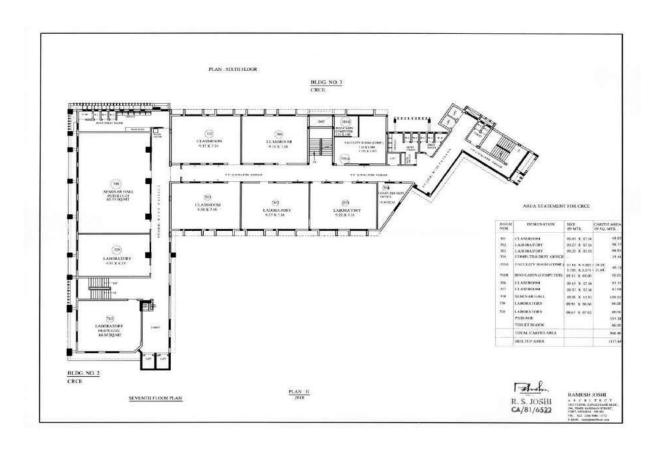


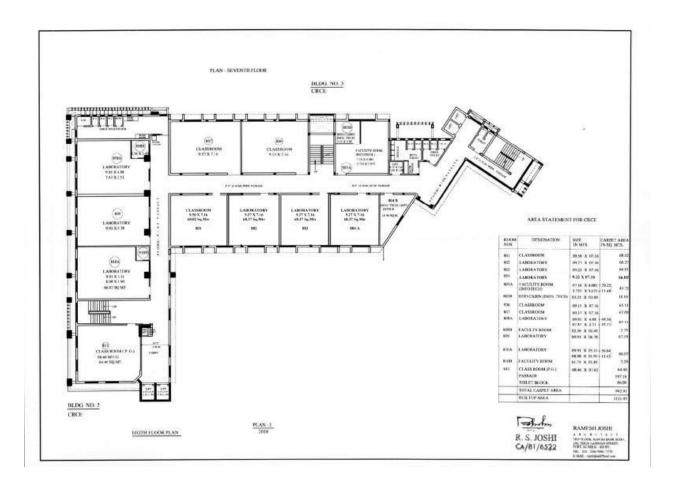


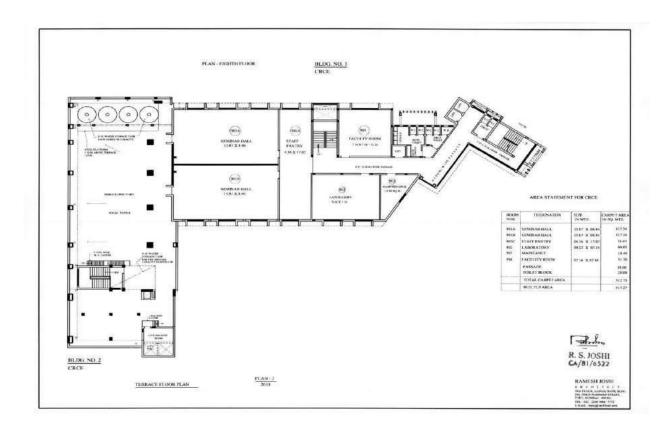












## Administrative Area (ADA) in Sq.m:

Particulars	Available Area
Humanities & Sciences Staffroom	25
Production Engineering Staffroom	51
Electronics Engineering Staffroom	51
Computer Engineering Staffroom	51
Information Technology Staffroom	51
CS & IT (Combine) 9 <sup>th</sup> Floor Staffroom	51
Principal Cabin	35
Exam Cell	30
Training & Placement	51
Administration Office	283
Server Room	40
Board Room + Director Office	21
Central Store	40
Maintenance	87
Housekeeping	12

## Amenities Area in Sq.m.:

Particulars	Available Area
Toilet	541
Boys Common Room	105
Girls Common Room	121
First Aid Room	12
Cafeteria	209
Guest Room	27
Pantry	74
Security Room	26
Boy's Hostel	204
Staff Quarters	66
Corridors	1406
Staircase and other Common area	611
Stationery Store and Reprography	30

## 2) Computing Facilities

Sr. No.	Equipments	No.
1	Desktop Computers	685
2	Laptops	08
3	Servers	27
4	All-In-One Printers	09
5	Printers	24
6	Scanner	01
7	Routers	12
8	Switches	54
9	Projectors	11
10	CCTV Cameras	40
11	Access Points	02
12	Plotters	02
13	Xerox Machines	02
14	Cyclostyle Machine	01

## **List of Equipments**

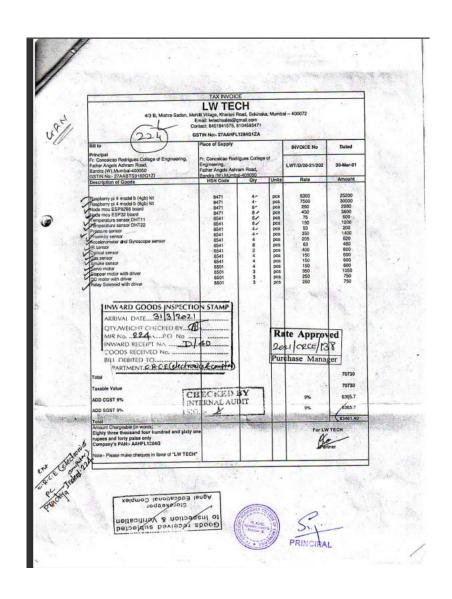
1	Eccentric Press P16T	51	Two Stage Single Acting Reciprocating Air Compressor WithIntercooler
2	Piezo Electric Vibrometer		Four Stroke Multi Cylinder Petrol Engine Test
		52	(With Morse Test) Consisting Of Maruti 800
			Four Stroke800 CC Petrol
			Engine And Other Accessories
3	Festo Pneumatic Trainer	50	Thermal Conductivity Of Metal RodConsisting
		53	Of Experimental Set Up,Control
			Panel, Etc
4	Festo Electro-Pneumatic Trainer	54	Epicyclic Gear Train
5	ABB PLC Trainer		Pairs Of Cam & Roller (B)
		55	Tangent,Oscillating
	CNC Milling With Fanuc OM Controller+	56	Single Plate Clutch
6	Toolings	] 30	Single Frate Clutch
7	BENCH DRILLING MACHINE (2 Nos)	57	Double Shoe Brake
	· · · · · · · · · · · · · · · · · · ·	1	Generations Of Gear Tooth Profile
8	Center Lathe (Turnmaster)	58	
9	Drilling Machine	59	Corrollis Component Of
			Acceleration Apparatus
10	Lathe Dynamometer	60	Governor
	•	61	Power Saw
11	Drill Tool Dynamometer		
10		62	D-Link Wireless Networking Kit
12	Electro Pneumatic Trainer Accessories		
13	Press Die Tools	63	DDS Function Generator Model
		64	Digital Storage Oscilloscope/
	Mould Die Tools		Multipower
	Jigs & Fixtures	65	Precision Instruments Physics Lab
16	Die Models	66	PLC Trainer
17	CNC Lathe With Siemens 802 D	67	Chemistry Lab Equipments
1 /	Controller & Sinutrain		
	Software+Toolings		D' '- 1 m - 1
18	Elmaco Bench Grinder		Digital Techometer
19	Venturimeter	69	Camera Accessories
20	Pipe Friction Apparatus With Tank	70	Rasberry pi 4 model b (4gb) kit
21	Bernoulli's Apparatus With Tank	71	Rasberry pi 4 model b (8gb) kit
22	Vickers Hydraulic Trainer	72	Node mcu ESP8266 board
23	Single Cylinder Four Stroke Diesel Engine	73	Node mcu ESP32 board
24	Parellel And Counter Flow Heat	74	Temperature Sensor DHT11
	Exchanger+ Engine Working Models		-
25	Vapor Compression Refrigeration Test Rig	75	Temperature Sensor DHT22
	Static & Dynamic Balancing	76	Pressure Sensor
26	Apparatus(Rotary)		
27	Whirling Speed Of Shafts	77	Proximity Sensor
28	Internal Expanding Brake	78	Accelerometer and Gyroscope Sensor
		_	

29	Gyroscope	<b>79</b>	IR Sensor
30	Multi Plate Clutch	80	Gas Sensor
31	Pairs Of Cam & Roller (A)	81	Optical Sensor
31	Reciprocating		
	<b>CAM</b> Analysis Apparatus	82	Smoke Sensor
-	Deckel Milling machine	83	Servo Motor
34	$\mathcal{E}$	84	Stepper Motor with Driver
	Lathe Machine (6 Nos)	85	Servo Motor with Driver
	Welding Machine	86	Relay Solenoid with Driver
37	Drilling machine	87	Computerized Attendance Recording System
			Biometric/Card Model AFA310
38	Single lip tool grinder	88	12V/7AH SMF Battery Exide Make
39	Shaper machine	89	Philips LED TV
	Elmacho Pedstal Grinder		
	Production lathe		
	Metullurgical Microscope		
43	Muffle Furnace		
44	Jominy End Quench Equipment		
45	Force Table Apparatus		
46	Coil & Belt Friction Apparatus		
47	Flywheel Apparatus (MI)		
48	Torsion Testing Equipment (Batlibai & Co.Ltd)		
49	Torsion Testing Machine		
	(Mechatronics Control Systems)		
50	Impact Testing Equipment		

# 3) Bills and Ledger of equipments purchased

			EQUIPMEN Ledger Accou			
			1-Apr-2020 to 31-M	ar-2021		
	Date	Particulars	Vch Type	Vch No.	Debit	Page t Cred
	1-4-2020 4-11-2020	To Opening Balance To ANUM TECHNO SOLUTIONS PURCHASE OF 16 NOS 12 BATTERY - EXIDE MAKE FI TECHNO SOLUTIONS PVT. LIFT MACHINES FOR EMEL VIDE INVOICE NO. AT72021 193402020	V/7AH SMF ROM M/s ANUM LTD FOR 5 RGENCY CASE	131	<b>1,04,00,446.45</b> 14,400.00	1
	(	PO 9 % INPUT CGST PURCHASE OF 16 NOS 12'S BATTERY - EXIDE MAKE FI TECHNO SOLUTIONS PVT. LIFT MACHINES FOR EMER VIDE INVOICE NO. AT/2021 15/10/2020	ROM M/s ANUM LTD FOR 5 RGENCY CASE	131	4,256 00	
3	20-1-2021	19 AIKON TELECOM PVT. L PURCHASE OF PHILIP LED AIKON TLELCOM PVT. LTD ENTRANCE OF CRCE GATE INVOICE NO. ATPL2021/SA/ 1/12/2020	TV FROM M/s TO FIX AT E VIDE	235	60,500.00	
	1	PUT CGST (NOT ELIGIBLE FOR PURCHASE OF PHILIP LED AIKON TLELCOM PVT. LTD ENTRANCE OF CRCE GATE INVOICE NO. ATPL2021/SA/ /12/2020	TV FROM M/s TO FIX AT VIDE	235	16,740.00	
N	26-3-2021 7	O EMTRON TECHNOLOGIE Ch.No. 014383 PAID TO M'S TECHNOLOGIES TOWARDS OF EQUIPMENTS FOR VIR: ECS DEPT VIDE PO NO. 20. /137 DT 26/03/2021	EMPTRON PURCHASE TUAL LAB OF	20	76,000.00	•
	Т	o 9 % INPUT CGST REVERSING INPUT ON EQU	Journal IIPMENT		13,680.00	
3	31-3-2021	O AEON SERVICES PURCHASE OF 2 NUMBERS ATTENDANCE RECORDING MODEL AFA 310 IN02-A+ID 3 BYEL194660107 & BYEL1916 INVOICE NO. APS-12470-21 /20-21 DATED 23/03/2021	MACHINES ( S.NO. 360047 VIDE	351	53,100.00	*
	J	PURCHASE OF EQUIPMENT W TECH FOR ECS DEPT VID NO. LWT/D/20-21/202 DT 30/	E INVOICE	19	83,461.00	
	В	y DEPRECIATION 10 % DEPREICATION WRITT	Journal EN OFF	JV		10,72,258.60
	В	Closing Balance		0	1,07,22,583.45	10,72,259 (0)
		(	Committee of the commit	NCIPAL	1,07,22,583.45	1,07,22 553.4







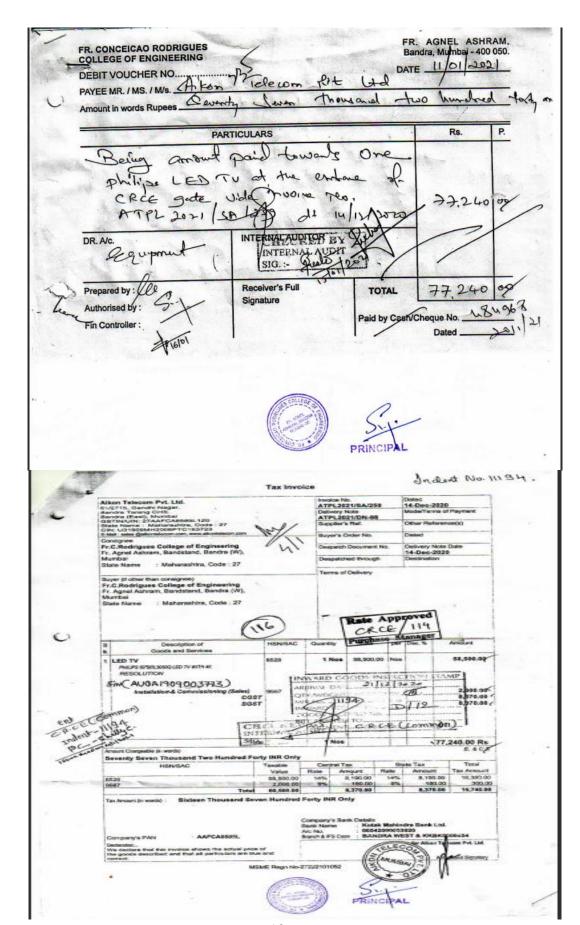


## **Emtron Technologies**

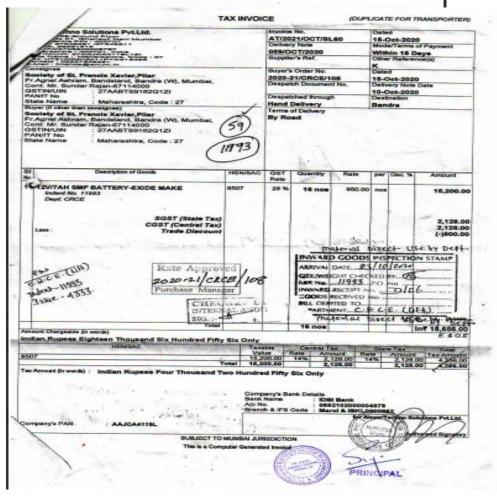
Flat No-101, B3 Wing, 1" Floor, Divyam Hights, Gilbert Hill, Shreenath Nagar, Andheri-West, Mumbai-58 +91-8080181911

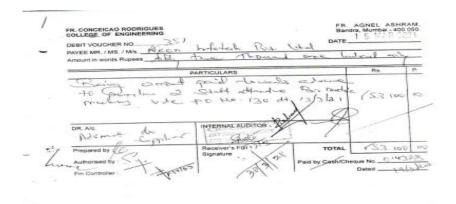
E-mail: emtron.tech@gmail.com, www.emtrontech.in

iii)A	oice No: CRCE/MAR21/01						PO NO: 20	120-21	/CDCE/1	27	_	_	_
Invoice date: 27/03/2021								PO NO: 2020-21/CRCE/137 Date: 26/3/2021					
	verse Charge (Y/N):					NO	Indent No				_		-
Sta	te: Maharashtra				Code	27	Place of S	upply:	Bandra-	w			-
Bill to Party									Shi	p to Pa	erty		_
To, St. I	Francis Xavier, Pilar-CRCE						To, The Princip Fr. Conceid Fr Agnel As	ao Rod	rigues Co Bandstano	ollege of	f Engineeri ra West, M	ng, lumbai-40	00:
GST	TIN: 27AABTS9182Q1ZI		_			_	GSTIN: 27	AADTE	240204				
	te: Maharashtra				Code	27	State: Mai			4		-	_
5.	Product Description	and or a	- T		-	GST		SGST	Code	Code			
No.	Product Description	HSN code	Qty	Rate	Amount		Taxable Value	Rate	Amount	-	Amount	Tot	al
1	Virtual lab of closed loop control system (all the recourses can be accessible through remote desk i.e internet)	85423	1	12000	12000	0	12000	9	1080	9		141	60
	loT based Digital Electronics work bench	85423	3	12000	36000	0	36000	9	3240	9	3240	424	80
	IoT Sensor Interface (NodeMCU, 8 sensors)	85423	2	14000	28000	0	28000	9	2520	9	2520	330	40
	Total	-	6	38000	76000	0	76000		6840		6840		
	Total	nvoice a	mou	nt in wo	rds			Total /	Amount	before	Tax	760	20
							Add: CGST Add: SGST				684		
light	ty nine thousand six hundre	d eighty	rupe	es only	-						684	Ò	
			176	5 8	71	1	Total Tax Amount				136	30	
ank	Details: AXIS Bank Ltd, J P Road,	Andhor M	7	N N I		-	Total Amount after Tax:				8968	30	
	A/C: 916020034333930	1.0	27	1	mee 1	EM)	GST on Reverse Charge				0	_	
Term	KIRSC UTIBODO1343 s & conditions: Payment, delivery & demonostration tional kit of lot Sensor Inte of delivery	of the it	am,		1	100 Pearing	OH!		ForE	mtron UU	Technolo	1	

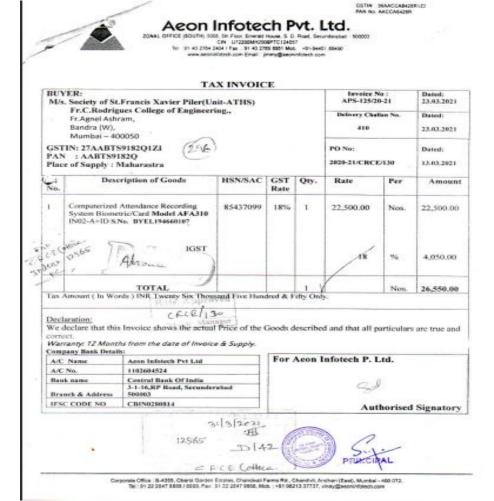












GETIN MANCCABADRIS.



#### Aeon Infotech Pvt. Ltd.

20MAL OFFICE (SOUTH) 5003, Sin Floor, Execute House, S. G. Rose, Secundentials - 50006 Citic. U17200MH2008FFC(13465) THE BIT O 2784 2454 / Rat. SET OZ 2785 885 Miles - 941-94001 884WI www.astrombooth.com Enail (simplification from the Com-

TAX INVOICE Dated: 23.03,2621 BUYER: M/s. Society of St.Francis Xavier Piler(Unit-ATHS) Fr.C.Rodrigues College of Engineering., Delivery Challan No. Dated: Fr.Agnel Ashram, 23.63.2021 Bandra (W), Mumbai - 400050 GSTIN: 27AABTS9182Q1ZI PO No: Duted: PAN : AABTS9182Q 2020-21/CRCE/130 13.03.2021 Place of Supply: Maharastra Description of Goods HSN/SAC GST Qty. Amount Rate Per Rate No. Computerized Attendance Recording System Biometric/Card Model AFA310 IN02-A+ID S.No. BYEL191660047 85437099 18% 22,500.00 Nos. 22,500.00 IGST 4,050.00 18 % 2 26,550.00 wenty Six Thousand Five Hundred & Fifty Only Tax Amount ( In Words ) INR T Declaration:

We declare that this Invoice shows the actual Price of the Goods described and that all particulars are true and Warranty: 12 Months from the date of Invoice & Supply. Company Bank Details: For Aeon Infotech P. Ltd. A/C Name Acon Infotech Pvt Ltd 1102604524 A/C No. Central Bank Of India 3-1-16.RP Road, Secunderahad 500003 Bank name Branch & Address IFSC CODE NO CBIN0280814 Authorised Signatory 21/3/2021 12865 D/41 CACE Collice) Corporate Office: 8.4659, Oberos Santer Estates, Chandres Ferna Re., Chandres, Andheri (East), Number - 450.072 Ser: 91.22.2447 5551 5555, Fax: 91.22.2647 9655, Hot. - +51.95213.37737, virsy@sconinfotoch.com

## 4) Details regarding Hostel

#### **Hostel Layout**

