#### FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING



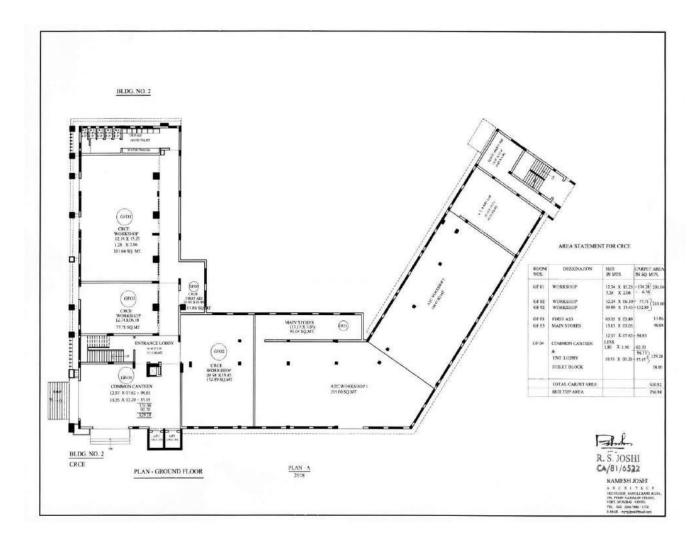
## **4.1 PHYSICAL FACILITIES**

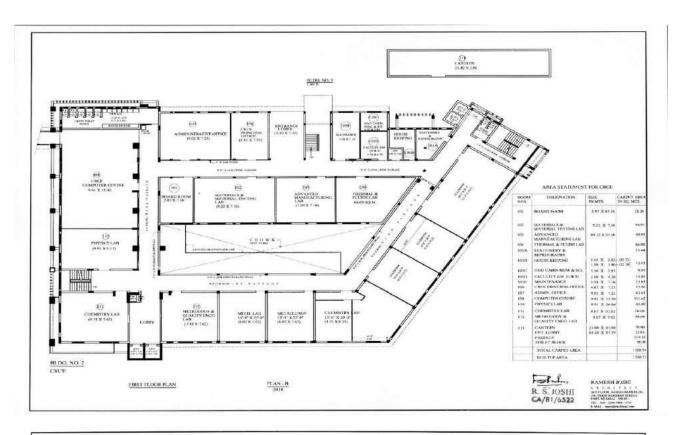
# **4.1.1** The institution has adequate facilities for teaching – learning, viz., classrooms, laboratories, computing equipment, etc.

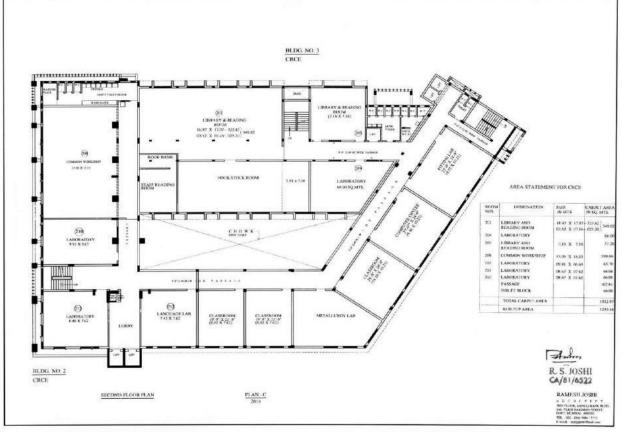
Sr. No	Title	Page No
1	Layout of campus	2
2	Equipments, computing facilities etc	10
3	Bills of equipments purchased	13
4	Details regarding hostel	21

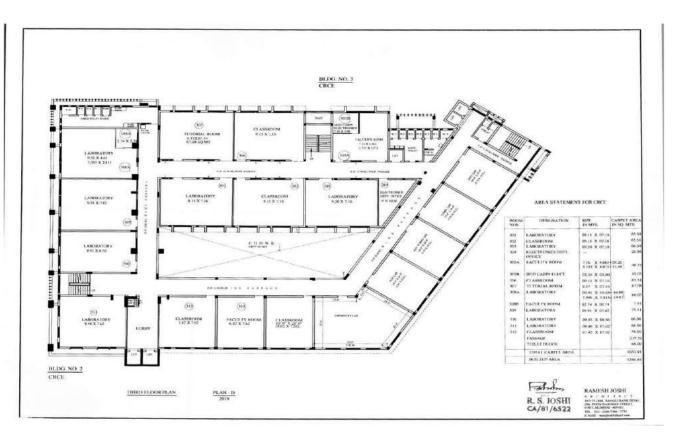
Particulars		For Exi	sting Intake		
	Nos	•		Area	
	As per norms	Available	As per norms	Available	
Classroom	15	17	12*66=990	1130	
Laboratories	28	35	28*66=1848	2325	
Tutorial Room	4	4	04*33=132	154	
Drawing Hall	1	1	132	136	
Workshop	3	3	3*200=600	411+200.06	
				=611.06	
Seminar Hall+ Auditorium	2	3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

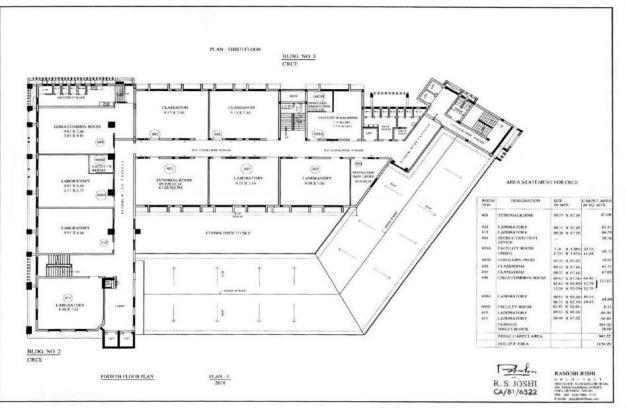
#### 1) Instructional Area (INA) in Sq.m.:

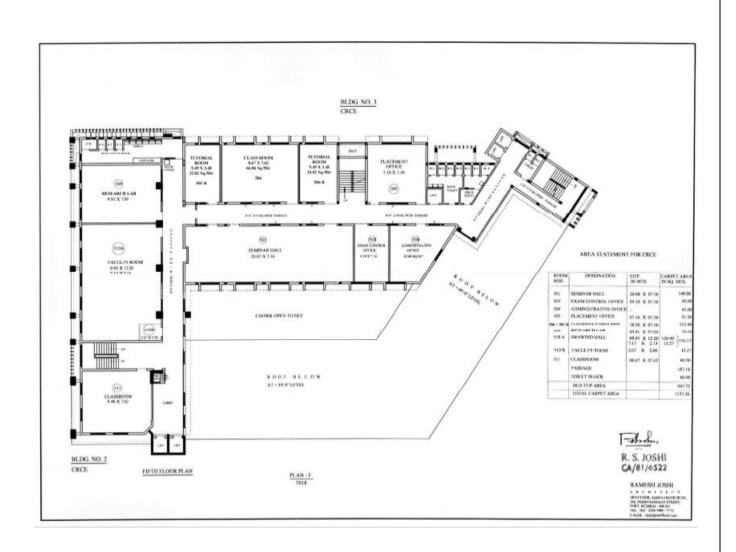


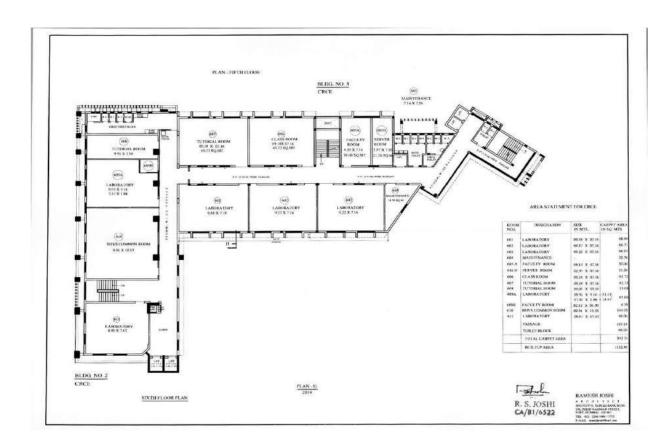


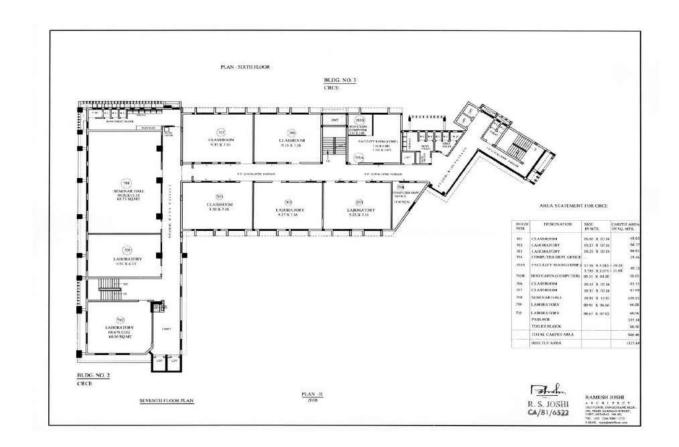


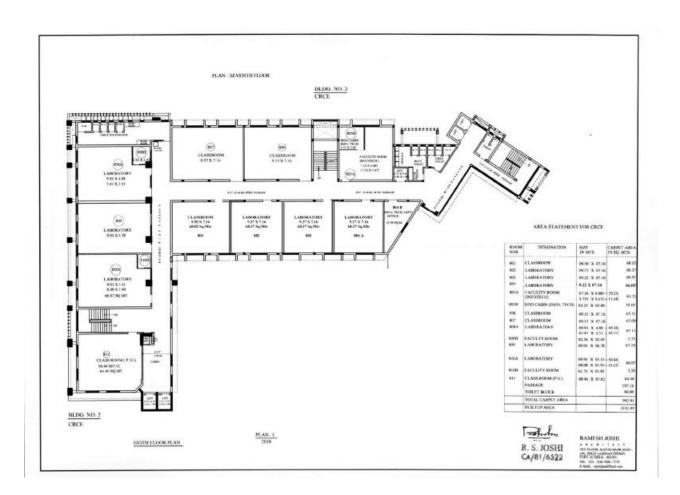


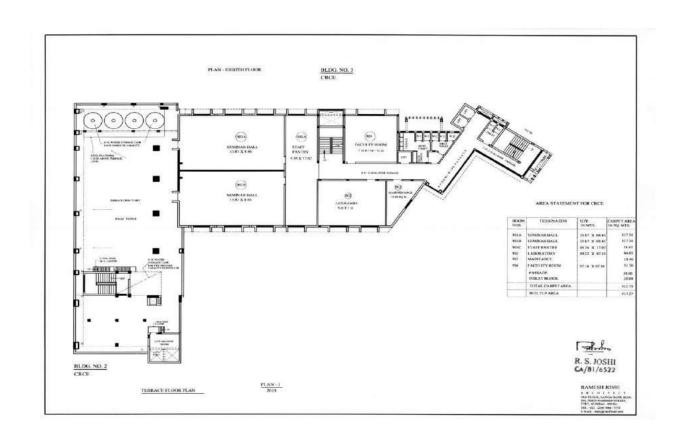












#### Administrative Area (ADA) in Sq.m:

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

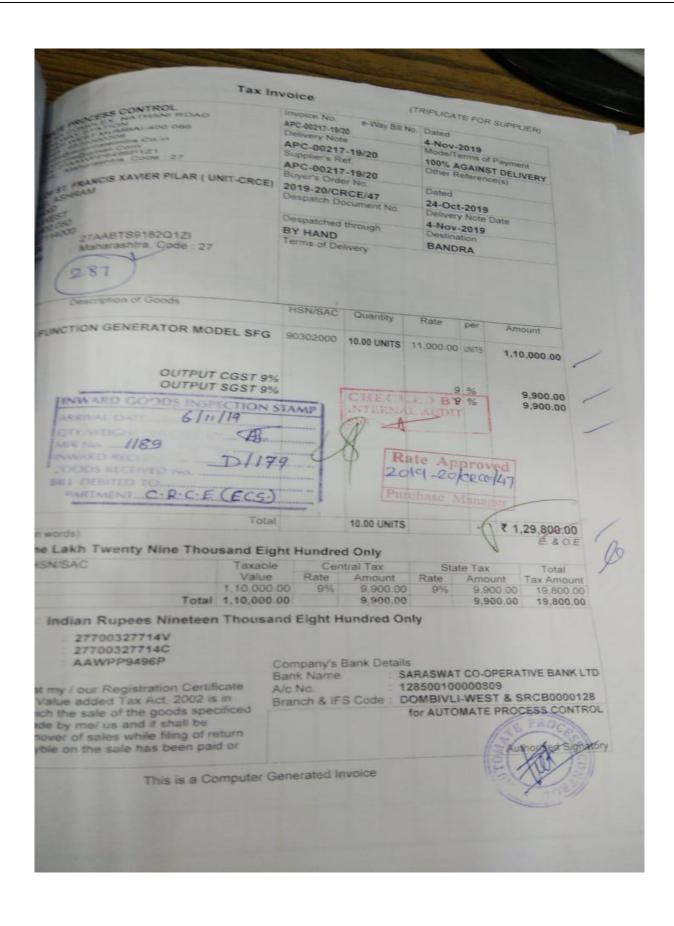
1	Eccentric Press P16T	42	Metullurgical Microscope
$\frac{1}{2}$	Piezo Electric Vibrometer	43	Muffle Furnace
3	Festo Pneumatic Trainer	44	Jominy End Quench Equipment
4	Festo Electro-Pneumatic Trainer	45	Force Table Apparatus
5	ABB PLC Trainer	46	Coil & Belt Friction Apparatus
6	CNC Milling With Fanuc OM Controller+ Toolings	47	Flywheel Apparatus (MI)
7	BENCH DRILLING MACHINE (2 Nos)	48	Torsion Testing Equipment (Batlibai & Co.Ltd)
8	Center Lathe (Turnmaster)	49	Torsion Testing Machine (Mechatronics Control Systems)
9	Drilling Machine	50	Impact Testing Equipment
10	Lathe Dynamometer	51	Two Stage Single Acting Reciprocating Air Compressor With Intercooler
11	Drill Tool Dynamometer	52	Four Stroke Multi Cylinder Petrol Engine Test (With Morse Test) Consisting Of Maruti 800 Four Stroke 800 CC Petrol Engine And Other Accessories
12	Electro Pneumatic Trainer Accessories	53	Thermal Conductivity Of Metal Rod Consisting Of Experimental Set Up, Control Panel, Etc
13	Press Die Tools	54	Epicyclic Gear Train
10			Pairs Of Cam & Roller (B)
14	Mould Die Tools	55	Tangent,Oscillating
15	Jigs & Fixtures	56	Single Plate Clutch
16	Die Models	57	Double Shoe Brake
17	CNC Lathe With Siemens 802 D Controller & Sinutrain Software+Toolings	58	Generations Of Gear Tooth Profile
18	Elmaco Bench Grinder	59	Corrollis Component Of Acceleration Apparatus
19	Venturimeter	60	Governor
20	Pipe Friction Apparatus With Tank	61	Power Saw
21	Bernoulli's Apparatus With Tank	62	D-Link Wireless Networking Kit
22	Vickers Hydraulic Trainer	63	DDS Function Generator Model
23	Single Cylinder Four Stroke Diesel Engine	64	Digital Storage Oscilloscope/ Multipower
24	Parellel And Counter Flow Heat Exchanger+ Engine Working Models	65	Precision Instruments Physics Lab
		"	PLC Trainer
25	Vapor Compression Refrigeration Test Rig	66	

27	Whirling Speed Of Shafts	68	Digital Techometer
28	Internal Expanding Brake	69	Camera Accessories
29	Gyroscope		
30	Multi Plate Clutch		
31	Pairs Of Cam & Roller (A) Reciprocating		
32	CAM Analysis Apparatus		
33	Deckel Milling machine		
34	Tool and cutter grinder		
35	Lathe Machine (6 Nos)		
36	Welding Machine		
37	Drilling machine		
38	Single lip tool grinder		
39	Shaper machine		
40	Elmacho Pedstal Grinder		
41	Production lathe		

# 3) Bills and Ledger of equipments purchased

-	EQUIPMENT Ledger Account		
	1-Apr-2019 to 31-Mar-2	020	
Dote Particulars	Vch Type	Vch No.	Debit
1-4-2019 To Opening Balance 19-11-2019 To AUTOMATE PROCESS COI PURCHASE OF 10 NOS GW- PURCHASE OF 10 NOS GW- FUNCTION GENERATOR NOE -1013 FOR ECS DEPT VIDE APC-00217-19-20 DT 04/11/2	DDS I <u>DEL</u> SFG NVOICE ND	692	1,15,56,051.25 1,10,000.00
30-11-2019 To 9 % INPUT CGST PURCHASE OF 10 NOS GW4 PUNCTION GENERATOR MO 1013 FOR ECS DEPT VIDE IN APC-00217-19/20 DATED 04/1	IDEL SEG + VOICE NO.	DV 692	19,800.00
22-1-3020 To L.W. TECH FURCHASE OF EQUIPMENT, STORAGE OSCIL OSCOPE / MILTIEOWER) FROM Min L W ELEX DEFT VIDE INVOICE NO -3209 DT 14/01/2020	TECH FOR	867	3,38,000.00
31-1-2020 To INPUT COST (NOT ELIGIBLE FOR C PURCHASE OF EQUIPMENT ( STORAGE OSCILOSCOBE / MULTIPOWER) FROM Mile L ELEX DEPT VIDE INVOICE NO -2409 DT 1401/2019	DIGITAL V TECH FOR	DV 867	60.840.00
9-3-2020 To PRECISION INSTRUMENTS CON PURCAHSE OF EQUIPMENTS PRECISION INSTURMENTS CI FOR PHYSICS LAB VIDE INVO GST-244/2019-20 DT 13/02/202	FORM M/s OMPANY ICE NO	1065	1,19,090.00
To SHREETECH SOLUTIONS PURCHASE OF EQUIPMENT (F TRAINER) FOR AUTOMATION CONTRAL LAB OF DEPT OF PRODUCTION ENGG. DEPT VI INVOICE NO 108 DT 25/02/2020	s DE	1067	1,00,000.00
17-3-2020 To MODCAMERAS PURCHASE OF CHARGER OF ( FROM M/s MADCAERAS THRO AMAZON.IN VIDE INVOICE NO.	UGH	947	6,085.00
To ARTEK WEB DISTRIBUTOR: PURCHASE OF BATTERY OF O FROM MM ARTEK WEB DISTRIB THROUGH AMAZON.IN VIDE IN 161544571 DT 04/02/2020	CAMERA BUTORS	947	2,449.00
31-3-2020 To LAB - INDIA PURCHASE OF EQUIPMENTS F LAB INDUA FOR DEPT OF CHEM VIDE INVOICE NO. 289/19-20 DT	ESTRY	1112	12,150.00
/2020	and the state of t	F.X	
Carried Over	1	/	1,23,24,465.25

Date	Particulars	Vch Type	Vch No.	Debit	Page 2 Credit
	Brought Forward			1,23,24,465.25	
31-3-2020 To	ASHA ENTERPRISE PURCHASE OF EQUIPMENT (DIGITA TECHOMETER) FROM M/s ASHA ENTERPRISES FOR DEPT OF PRODUCTION ENGG, VIDE INVOICE 9701 DT 04/02/2020		1115	2,650.00	
То	9 % INPUT CGST PURCHASE OF EQUIPMENTS FROM LAB INDIA FOR DEPT OF CHEMESTF VIDE INVOICE NO. 289/19-20 DT 28/0 /2020	2Y	DV 1112	2,187.00	
То	9 % INPUT SGST PURCHASE OF EQUIPMENT (DIGITA TECHOMETER) FROM M/s ASHA ENTERPRISES FOR DEPT OF PRODUCTION ENGG VIDE INVOICE I 9701 DT 04/02/2020		DV 1115	477.00	
То	18 % IGST PURCHASE OF EQUIPMENTS FORM PRECISION INSTRUMENTS COMPAN FOR PHYSICS LAB VIDE INVOICE NO GST-244/2019-20 DT 13/02/2020	VY	DV 1066	21,436.20	
То	INPUT CGST (NOT ELIGIBLE FOR CLAIME PURCHASE OF EQUIPMENT (PLC TRAINER) FOR AUTOMATION & CONTROL LAB OF DEPT OF PRODUCTION ENGG, VIDE INVOICE 108 DT 26/02/2020		DV 1067	18,000.00	
То	ADVANCE TO STAFF/STUDENTS PURCHASE OF CAMERA BY ONLINE FROM M/s OPTIMUM INFOTECH OFF INSTITUTE FROM (FLIPCART) VIDE INVOICE NO. FACTM/CQ00004225 DATED 03/02/2020		DV 937	19,688.00	
Ву	DEPRECIATION 10 % DEPREICATION WRITTEN OFF EUIPMENTS	Journal ON	VL		11,55,604.50
Ву	PLANT & MACHINERY CURRENT YEAR PURCHASE OF EQUIPEMENT TRF TO PLANT & MACHINERRY	Journal	٨٢		8,32,852.50
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VOICE Subject to Mumbai Jurisdiction ppliers of : Equipments, Glasswares & Chemicals for Educational, Pathological, Industrial Laboratories & Hospital Wares Debuteshale, Energy College & Medical Gollege Lab Regult For School, College, Polytechnic, Engg. College & Medical College Lab Requisites Mulay Nagar Society, Old Nathani Road, Khalai, Vidyavihar (W), Mumbai - 400.086 Mobile : 9869762991 7045808291 z Vijay Nagar Society. Old Nathani Road, Khalai, Vidyavihar (W), Mumbai - 400 086. E-mail : joseph.labindia@gmail.com / joseph\_labindia@rediffmail.com Invoice No. 287 19-200ate 28/2 2020 Order No. 2019/20 CRC 83 inst à Go 050. 18/2/202 Code -27 Challan No. 1219 Date 26/2/200 Description of Goods HSN Rate Code Amount Per ntio mate Rs. 5335 lectrole leach 10750 700 -Cectrole 350 700 LINWARD GOODS INSPECTION STAMP ARRIVAL DATE 113 2020 MIR NO. DO NO. COODS RECEIVED NO. BILL DEBITED TO ..... PARTMENT Chennishy (C. P.C.E.) CHECKED BY INTERNAL AUDIT SIG. :- --SDA 2019-20/CECE/83 Taxable Amount 9 2 SGST 92 CGST 2ne Final Amount GSTIN: 27AEMPC2950B1ZW Maharashtra State Code : 27 06479/V Dt. 1-4-2006 MDIA For LAB 06479/C Dt. 1-4-2006 tion certificate under the GST 2017 is in force on the date on cified in this Tax invoice is made by me and that the transaction Proprieto pice has been effected by me and it shall be accounted for in of neturn and the due tax, if any, payable on the sales has been 19

FR. AGNEL ASHRAM, Bandra, Mumbai - 400 050 DATE - 3 FEB 2020 Vipin Palbars NO ..... Nineteen Thoward Cen et j's PARTICULARS Rs. P. growt paid towards to purchase U. dro Combra 19.688 (flipart. com) 00 INTERNAL AUDITOR CHECKED BY INTERNAL AUDIT aus SIG. :-...6 19.688 0 Receiver's Full TOTAL Signature Paid by Cash/Cheque No. Dated \_

### 4) Details regarding Hostel

#### **Hostel Layout**

