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Chandrabhan Sharma College
of Arts, Commerce & Science
(Hindi Linguistic Minority Institution)
(Affiliated to the University of Mumbai)
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CRITERION 4 - INFRASTRUCTURE AND LEARNING RESOURCES

4.3.1 Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth.

IT Infrastructure Facilities

SR. NO.	PARTICULARS	PAGE NO.
1.	Total Number of Computers and laptops	02
2.	IT Lab	03-04
3.	Server Rooms	05
4.	IOT Hardware Component	06-07
5.	Electronics Lab	08-09
6.	Electronic Lab Equipment	10
7.	Sufficient Bandwidth for Internet Connection	11

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Sr. No	Location	No. of Computer
	Computers and Laptops Details	
1	Ground floor- Office	6
2	Ground floor- CCTV	1
3	Ground floor- Vice Principal office	1
4	Second Floor Principal Cabin	1
5	Second Floor Iqac Room	2
6	Second Floor Conference Room	1
7	Second Floor Examination Room	3
8	Third Floor Examination Room	2
9	Fourth Floor Library	10
10	Fourth Floor Gym Khana	1
11	Fourth Floor Placement Cell	1
12	Fifth Floor Research Cell	1
13	Fifth Floor Staff Room	1
14	Room 502	1
15	Room 603	1
16	Sixth Floor (Staffroom)	6
17	Sixth Floor (Lab 3)	51
18	Sixth Floor(Cultural Room)	1
19	Seventh Floor (Lab 2)	40
20	Seventh Floor (Lab 1)	40
21	Seventh Floor (Department Cabin)	2
22	Seventh Floor (Lab 1 Server Pc)	2
23	Backup PC	5
24	College Laptop for Staff	17
	Total	**197**

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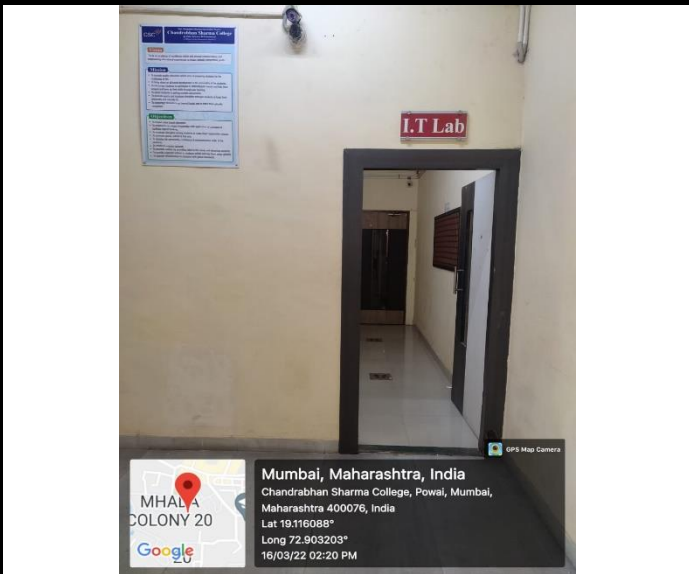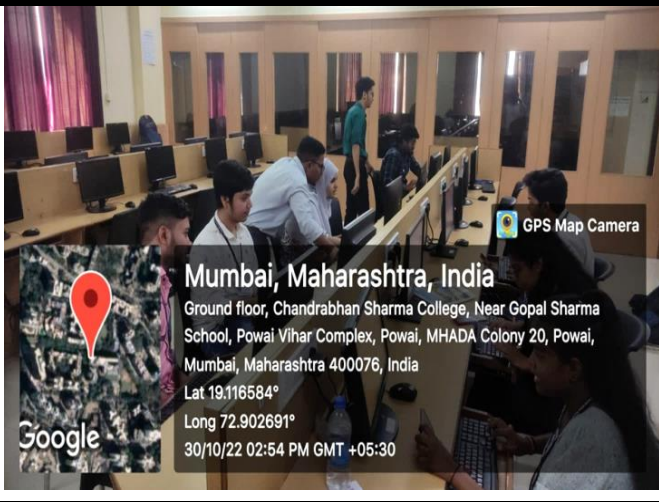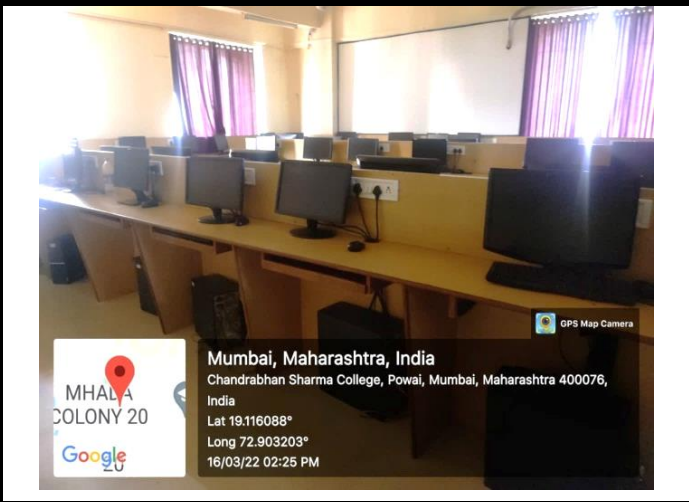**Accredited by NAAC 'B+'**

I. T Labs

I. T Lab- 3 (6th Floor)

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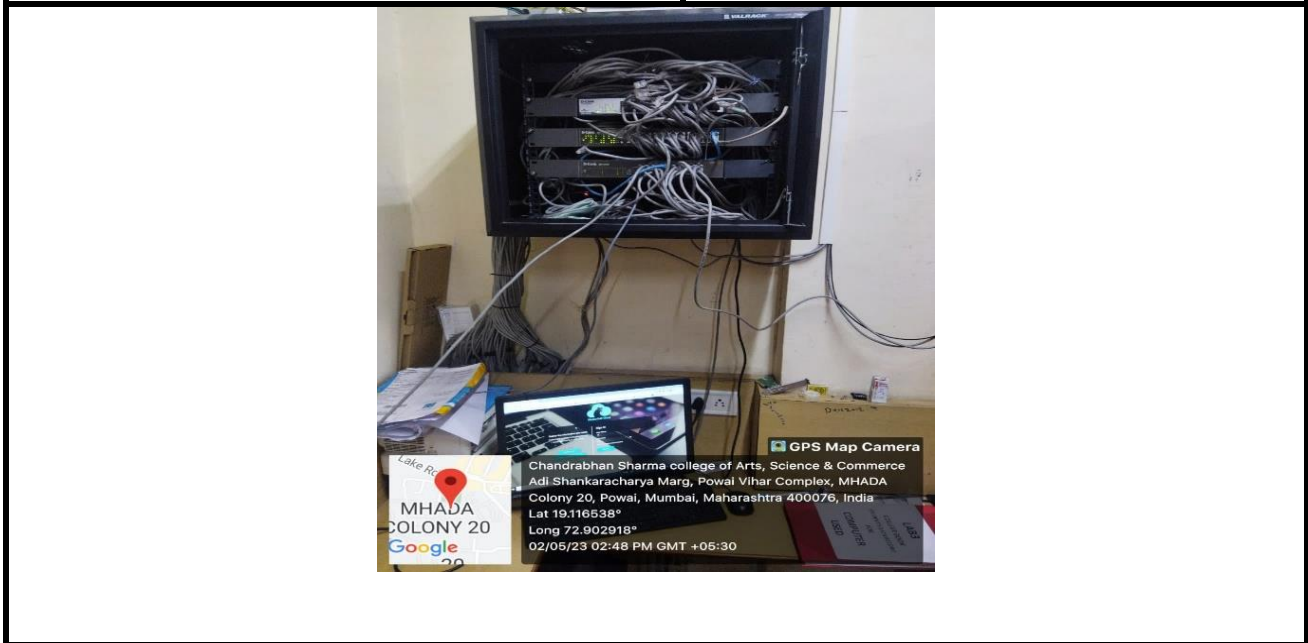**Accredited by NAAC 'B+'**

I. T Lab- 1 (7th Floor)

I. T Lab- 2 (7th Floor)

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Server Room

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IOT HARDWARE COMPONENT

SR.NO	PRODUCTS	QUANTITY
1	WEB CAMERA	15
2	SD CARD 8 GB	10
3	HDMI TO VGA CONVERTER	10
4	SMART CHARGER RASBERRY PI	15
5	CIRCUIT PLATE	15
6	CIRCUIT PLATE BOARD CHARGER	15
7	USB TO SERIAL CONNECTOR	15
8	GPS FREQUENCY DEVICE	15
9	GPS FREQUENCY DEVICE PLATE	15
10	RFID SCANNER DEVICE PLATE (EM-18)	15
11	RFID SCANNER CARD	15
12	SCREW PACK (4 PC IN ONE PACK)	15
13	RASBERRY PI DEVICE	14
14	FINGER PRINT SENSOR DEVICE	15
15	RF-MOTOR (500TB-12560)	15
16	LED DISPLAY PANEL	15
17	4 SEGMENT DISPLAY DEVICE	15
18	ADC TO DAC CONVERTER WITH SET	11
	ADC TO DAC CONVERTER WITHOUT SET	4
19	JUMPING WIRE (40 PC * 5 PACK)	200
20	VK R5232 DEVICE PLATE	14
	VK R5232 DEVICE PLATE DAMAGE	1
21	40 PIN SET OF ONE CONNECTION	15

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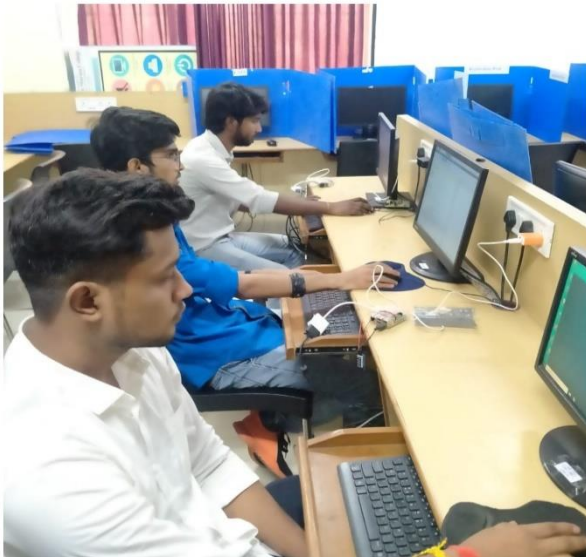Tel.: 022 - 45266020, Email:- info@cscollege.co.in • Website :- www.cscollege.co.in

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Students use IOT Hardware Component

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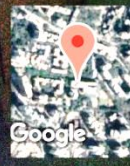**Accredited by NAAC 'B+'**

Electronic Lab

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Electronic Lab Hardware

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\multicolumn{3}{c}{Equipment in Electronic Lab}
Sr. No.	**Title**	**Quantity**
1	Oscilloscope	4
2	Multimeter	4
3	Logic Gates Trainer Kit	8
4	Half Adder Trainer Kit	5
5	Full Adder Trainer Kit	3
6	Microprocessor Kit	20
7	Power Transformer	3
8	Multiplexer	5
9	5 V Power Supply	5
10	Frequency Generator	3
11	IC Trainer Kit	4
12	Study of Frequency Modulation	3
13	RC Coupled Amplifier	5

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Sufficient Bandwidth for Internet Connection during assessment period

Sr. No.	Academic Year	Bandwidth (user id-cbscollege)	Bandwidth (user id-cbsoffice)	Bandwidth (user id-cbsexam)
1.	2021-2022	100 Mbps	100 Mbps	100 Mbps
2.	2020-2021	100 Mbps	100 Mbps	100 Mbps
3.	2019-2020	100 Mbps	100 Mbps	100 Mbps
4.	2018-2019	15 Mbps	25 Mbps	15 Mbps
5.	2017-2018	15 Mbps	25 Mbps	15 Mbps

Currently college use 300 mbps Bandwidth

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