



SENGUNTHAR

ARTS AND SCIENCE COLLEGE

4.3 IT Infrastructure

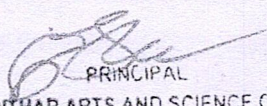
4.3.1 IT Facilities


Details of computers available in the institution for students use

1. [Total number of Computers](#)
2. [Allocation of IP Address](#)
3. [Location of the system & its Configuration](#)
4. [Application for the Allocation of Wi-Fi IP Address](#)

1. Total number of Computers

| S.NO | LAB | TOTAL NO OF SYSTEMS |
|-------|---------|---------------------|
| 1 | Lab I | 48 |
| 2 | Lab II | 50 |
| 3 | Lab III | 78 |
| 4 | Lab IV | 44 |
| 5 | Library | 7 |
| Total | | 227 |


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2. Application for the Allocation of IP Address

- 1.1 MAC Address, IP Address, System No, IO Box, & Host Name for Computer Lab I
- 1.2 MAC Address, IP Address, System No, IO Box, & Host Name for COMPUTER LAB II
- 1.3 MAC Address, IP Address, System No, IO Box, & Host Name for COMPUTER LAB III
- 1.4 MAC Address, IP Address, System No, IO Box, & Host Name for COMPUTER LAB IV
- 1.5 MAC Address, IP Address, System No, IO Box, & Host Name for DIGITAL LIBRARY

3. Location of the system & its Configuration

4. Application for the Allocation of Wi-Fi IPAddress

- 3.1. MAC /Physical/Adapter address & Brand Name of the System

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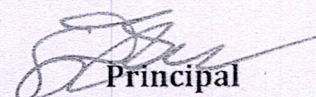


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1. Application for the Allocation of IP Address

| | | | |
|----|---|---|---|
| 1 | Name of the Lab | Computer Lab I | |
| 2 | MAC address | Refer SASC Computer Center Annexure 1.1 | |
| 3 | Type of Node | Desktop | |
| 4 | Number of Systems | 48 | |
| 5 | Name of the System (Hostname) | Refer SASC Computer Center Annexure 1.1 | |
| 6 | Operating System | Windows 7 Professional | |
| 7 | Brand Name of the System | LENOVO | |
| 8 | IO Box Number | Refer SASC Computer Center Annexure 1.1 | |
| 9 | Whether Single/Multiple User | Multiple | |
| 10 | Whether connected directly to the LAN or through another Hub/Switch | YES | Directly connected to LAN & Switch located in the same room |


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IP address allocated by Computer Centre

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| | |
|-------------|----------------------------------|
| IP address | 192.168.10. |
| Subnet Mask | 255.255.0.0 |
| Gateway | 192.168.10.2 to 192.168.10.49 |
| DNS Entry | 8.8.8.8 4.2.2.2 |

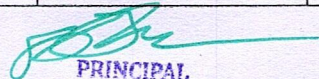
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1. APPLICATION FOR THE ALLOCATION OF IP ADDRESS

1.1 MAC Address, IP Address, System No, IO Box, & Host Name for Computer Lab I

| SYSTEM NUMBER | IP ADDRESS | MAC ADDRESS | IO BOX NUMBER | HOST NAME |
|---------------|---------------|-------------------|---------------|-----------|
| 1 | 192.168.10.2 | 44-8A-5B-55-68-C4 | E Cat 5 -51 | LABI_1 |
| 2 | 192.168.10.3 | 44-8A-5B-EB-AA-BA | E Cat 5 -52 | LABI_2 |
| 3 | 192.168.10.4 | 44-37-E6-B4-D0-9D | E Cat 5 -53 | LABI_3 |
| 4 | 192.168.10.5 | 44-8A-5B-55-65-54 | E Cat 5 -54 | LABI_4 |
| 5 | 192.168.10.6 | 44-5B-DF-67-67-3D | E Cat 5 -55 | LABI_5 |
| 6 | 192.168.10.7 | 44-8A-5B-55-67-76 | E Cat 5 -56 | LABI_6 |
| 7 | 192.168.10.8 | 44-8A-5B-DF-73-B3 | E Cat 5 -57 | LABI_7 |
| 8 | 192.168.10.9 | 44-8A-5B-55-68-A9 | E Cat 5 -58 | LABI_8 |
| 9 | 192.168.10.10 | D8-CB-8A-67-3D-2B | E Cat 5 -59 | LABI_9 |
| 10 | 192.168.10.11 | 44-5B-68-55-A9-66 | E Cat 5 -60 | LABI_10 |
| 11 | 192.168.10.12 | 44-8A-5B-BB-C5-23 | E Cat 5 -61 | LABI_11 |
| 12 | 192.168.10.13 | 44-8A-5B-55-5E-FA | E Cat 5 -62 | LABI_12 |
| 13 | 192.168.10.14 | 44-8A-B5-55-EE-FA | E Cat 5 -63 | LABI_13 |
| 14 | 192.168.10.15 | 44-8A-5B-BB-CE-32 | E Cat 5 -64 | LABI_14 |
| 15 | 192.168.10.16 | 44-8A-5B-5B-EC-34 | E Cat 5 -65 | LABI_15 |
| 16 | 192.168.10.17 | 44-8A-5B-55-5A-AB | E Cat 5 -66 | LABI_16 |
| 17 | 192.168.10.18 | 44-8A-5B-BB-C6-A1 | E Cat 5 -67 | LABI_17 |
| 18 | 192.168.10.19 | 44-8A-5B-55-65-9D | E Cat 5 -68 | LABI_18 |
| 19 | 192.168.10.20 | 44-37-E6-EE-B5-16 | E Cat 5 -69 | LABI_19 |
| 20 | 192.168.10.21 | 44-8A-5B-BB-CB-7D | E Cat 5 -70 | LABI_20 |
| 21 | 192.168.10.22 | 44-8A-5B-55-68-F1 | E Cat 5 -71 | LABI_21 |
| 22 | 192.168.10.23 | D8-CB-8A-4D-1D-DC | E Cat 5 -72 | LABI_22 |
| 23 | 192.168.10.24 | 44-8A-5B-56-B9-42 | E Cat 5 -73 | LABI_23 |
| 24 | 192.168.10.25 | D8-CB-8A-4A-77-F1 | E Cat 5 -74 | LABI_24 |
| 25 | 192.168.10.26 | 44-8A-5B-BB-CB-B9 | E Cat 5 -75 | LABI_25 |
| 26 | 192.168.10.27 | 44-8A-5B-55-63-00 | E Cat 5 -76 | LABI_26 |
| 27 | 192.168.10.28 | 44-8A-5B-EB-B3-18 | E Cat 5 -77 | LABI_27 |
| 28 | 192.168.10.29 | 44-8A-5B-55-62-3C | E Cat 5 -78 | LABI_28 |
| 29 | 192.168.10.10 | D8-CB-8A-03-B3-55 | E Cat 5 -79 | LABI_29 |
| 30 | 192.168.10.31 | 44-8A-5B-BB-C5-D9 | E Cat 5 -80 | LABI_30 |
| 31 | 192.168.10.32 | 44-37-E6-E7-A1-81 | E Cat 5 -81 | LABI_31 |
| 32 | 192.168.10.33 | 44-8A-5B-55-67-01 | E Cat 5 -82 | LABI_32 |
| 33 | 192.168.10.34 | D8-CB-8A-03-B5-C0 | E Cat 5 -83 | LABI_33 |
| 34 | 192.168.10.35 | 44-37-E6-D3-48-FE | E Cat 5 -84 | LABI_34 |
| 35 | 192.168.10.36 | 44-8A-5B-55-5F-98 | E Cat 5 -85 | LABI_35 |
| 36 | 192.168.10.37 | D8-CB-8A-4D-1F-76 | E Cat 5 -86 | LABI_36 |
| 37 | 192.168.10.38 | 44-8A-5B-55-65-9D | E Cat 5 -87 | LABI_37 |
| 38 | 192.168.10.39 | 44-37-E6-EE-B5-16 | E Cat 5 -88 | LABI_38 |
| 39 | 192.168.10.40 | 44-8A-5B-55-65-C7 | E Cat 5 -89 | LABI_39 |
| 40 | 192.168.10.41 | D8-CB-8A-44-78-0L | E Cat 5 -90 | LABI_40 |
| 41 | 192.168.10.42 | D8-CB-8A-4D-1E-4F | E Cat 5 -91 | LABI_41 |
| 42 | 192.168.10.43 | B8-AE-ED-98-3E-22 | E Cat 5 -92 | LABI_42 |


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| | | | | |
|----|---------------|-------------------|-------------|---------|
| 43 | 192.168.10.44 | B8-AE-ED-97-E1-E1 | E Cat 5 -93 | LABI_43 |
| 44 | 192.168.10.45 | B8-AE-ED-97-E1-A4 | E Cat 5 -94 | LABI_44 |
| 45 | 192.168.10.46 | B8-AE-ED-97-F0-FE | E Cat 5 -95 | LABI_45 |
| 46 | 192.168.10.47 | 44-8A-5B-55-68-F1 | E Cat 5 -96 | LABI_46 |
| 47 | 192.168.10.48 | D8-CB-8A-4D-1D-DC | E Cat 5 -97 | LABI_47 |
| 48 | 192.168.10.49 | 44-8A-5B-56-B9-42 | E Cat 5 -98 | LABI_48 |

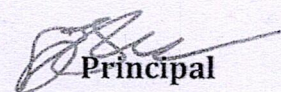
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| | | | |
|----|---|---|---|
| 1 | Name of the Lab | Computer Lab II | |
| 2 | MAC address | Refer SASC Computer Center Annexure 1.2 | |
| 3 | Type of Node | Desktop | |
| 4 | Number of Systems | 50 | |
| 5 | Name of the System (Hostname) | Refer SASC Computer Center Annexure 1.2 | |
| 6 | Operating System | Windows 7 Professional | |
| 7 | Brand Name of the System | LENOVO | |
| 8 | IO Box Number | Refer SASC Computer Center Annexure 1.2 | |
| 9 | Whether Single/Multiple User | Multiple | |
| 10 | Whether connected directly to the LAN or through another Hub/Switch | YES | Directly connected to LAN & Switch located in the same room |


Principal

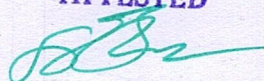
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IP address allocated by Computer Centre

Office Use only

| | |
|-------------|----------------------------------|
| IP address | 192.168.30. |
| Subnet Mask | 255.255.0.0 |
| Gateway | 192.168.30.2 to 192.168.30.51 |
| DNS Entry | 8.8.8.8 4.2.2.2 |

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1.2 MAC Address, IP Address, System No, IO Box, & Host Name for Computer Lab II

| SYSTEM NUMBER | IP ADDRESS | MAC ADDRESS | IO BOX NUMBER | HOST NAME |
|---------------|---------------|-------------------|---------------|-----------|
| 1 | 192.168.30.2 | 8C-89-A5-90-04-46 | E Cat 5 -1 | LABII_1 |
| 2 | 192.168.30.3 | 8C-89-A5-EA-3A-92 | E Cat 5 -2 | LABII_2 |
| 3 | 192.168.30.4 | 8C-89-A5-D5-59-FB | E Cat 5 -3 | LABII_3 |
| 4 | 192.168.30.5 | 8C-89-A5-93-77-C1 | E Cat 5 -4 | LABII_4 |
| 5 | 192.168.30.6 | 8C-89-A5-EA-39-17 | E Cat 5 -5 | LABII_5 |
| 6 | 192.168.30.7 | 8C-89-A5-EA-3A-37 | E Cat 5 -6 | LABII_6 |
| 7 | 192.168.30.8 | 8C-89-A5-D5-59-AC | E Cat 5 -7 | LABII_7 |
| 8 | 192.168.30.9 | 8C-89-A5-93-78-2E | E Cat 5 -8 | LABII_8 |
| 9 | 192.168.30.10 | 8C-89-A5-BC-51-F5 | E Cat 5 -9 | LABII_9 |
| 10 | 192.168.30.11 | 8C-89-A5-EA-38-84 | E Cat 5 -10 | LABII_10 |
| 11 | 192.168.30.12 | 8C-89-A5-EA-2B-9F | E Cat 5 -11 | LABII_11 |
| 12 | 192.168.30.13 | D4-3D-7E-43-E6-BF | E Cat 5 -12 | LABII_12 |
| 13 | 192.168.30.14 | 8C-89-A5-EA-2C-78 | E Cat 5 -13 | LABII_13 |
| 14 | 192.168.30.15 | 8C-89-A5-EA-36-95 | E Cat 5 -14 | LABII_14 |
| 15 | 192.168.30.16 | 8C-89-A5-8F-F8-9D | E Cat 5 -15 | LABII_15 |
| 16 | 192.168.30.17 | 8C-89-A5-EA-3A-D4 | E Cat 5 -16 | LABII_16 |
| 17 | 192.168.30.18 | 8C-89-A5-EA-2A-4F | E Cat 5 -17 | LABII_17 |
| 18 | 192.168.30.19 | 8C-89-A5-EA-35-B0 | E Cat 5 -18 | LABII_18 |
| 19 | 192.168.30.20 | 8C-89-A5-EA-38-8B | E Cat 5 -19 | LABII_19 |
| 20 | 192.168.30.21 | 8C-89-A5-93-79-85 | E Cat 5 -20 | LABII_20 |
| 21 | 192.168.30.22 | 8C-89-A5-D5-59-69 | E Cat 5 -21 | LABII_21 |
| 22 | 192.168.30.23 | 8C-89-A5-EA-39-31 | E Cat 5 -22 | LABII_22 |
| 23 | 192.168.30.24 | 8C-89-A5-EA-2C-93 | E Cat 5 -23 | LABII_23 |
| 24 | 192.168.30.25 | 8C-89-A5-D2-51-01 | E Cat 5 -24 | LABII_24 |
| 25 | 192.168.30.26 | 8C-89-A5-8F-F7-5D | E Cat 5 -25 | LABII_25 |
| 26 | 192.168.30.27 | 8C-89-A5-EA-2C-A6 | E Cat 5 -26 | LABII_26 |
| 27 | 192.168.30.28 | 8C-89-A5-EA-3A-A2 | E Cat 5 -27 | LABII_27 |
| 28 | 192.168.30.29 | 8C-89-A5-EA-38-92 | E Cat 5 -28 | LABII_28 |
| 29 | 192.168.30.30 | 8C-89-A5-D2-89-1B | E Cat 5 -29 | LABII_29 |
| 30 | 192.168.30.31 | 8C-89-A5-D2-50-E0 | E Cat 5 -30 | LABII_30 |
| 31 | 192.168.30.32 | 8C-89-A5-EA-2A-05 | E Cat 5 -31 | LABII_31 |
| 32 | 192.168.30.33 | 8C-89-A5-8F-FE-AD | E Cat 5 -32 | LABII_32 |
| 33 | 192.168.30.34 | 8C-89-A5-EA-2B-35 | E Cat 5 -33 | LABII_33 |
| 34 | 192.168.30.35 | 8C-89-A5-8F-FF-3D | E Cat 5 -34 | LABII_34 |
| 35 | 192.168.30.36 | 8C-89-A5-FD-93-56 | E Cat 5 -35 | LABII_35 |
| 36 | 192.168.30.37 | 8C-89-A5-FE-95-AE | E Cat 5 -36 | LABII_36 |
| 37 | 192.168.30.38 | 8C-89-A5-EA-3A-A5 | E Cat 5 -37 | LABII_37 |
| 38 | 192.168.30.39 | 8C-89-A5-EA-3A-C5 | E Cat 5 -38 | LABII_38 |
| 39 | 192.168.30.40 | 8C-89-A5-93-79-56 | E Cat 5 -39 | LABII_39 |
| 40 | 192.168.30.41 | 8C-89-A5-93-67-EF | E Cat 5 -40 | LABII_40 |
| 41 | 192.168.30.42 | 8C-89-A5-8F-FD-84 | E Cat 5 -41 | LABII_41 |
| 42 | 192.168.30.43 | 8C-89-A5-F9-AB-E6 | E Cat 5 -42 | LABII_42 |
| 43 | 192.168.30.44 | 8C-89-A5-F6-02-9A | E Cat 5 -43 | LABII_43 |
| 44 | 192.168.30.45 | 8C-89-A5-8F-FE-CA | E Cat 5 -44 | LABII_44 |


| | | | | |
|----|---------------|-------------------|-------------|----------|
| 45 | 192.168.30.46 | 8C-89-A5-EA-2B-F4 | E Cat 5 -45 | LABII_45 |
| 46 | 192.168.30.47 | 8C-89-A5-EA-2F-85 | E Cat 5 -46 | LABII_46 |
| 47 | 192.168.30.48 | 8C-89-A5-EA-3B-2C | E Cat 5 -47 | LABII_47 |
| 48 | 192.168.30.49 | 8C-89-A5-EA-2F-85 | E Cat 5 -48 | LABII_48 |
| 49 | 192.168.30.50 | 8C-89-A5-EA-2F-85 | E Cat 5 -49 | LABII_49 |
| 50 | 192.168.30.51 | 8C-89-A5-EA-2F-85 | E Cat 5 -50 | LABII_50 |

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| | | | |
|----|---|---|---|
| 1 | Name of the Lab | Computer Lab III | |
| 2 | MAC address | Refer SASC Computer Center Annexure 1.3 | |
| 3 | Type of Node | Desktop | |
| 4 | Number of Systems | 78 | |
| 5 | Name of the System (Hostname) | Refer SASC Computer Center Annexure 1.3 | |
| 6 | Operating System | Windows 7 Professional | |
| 7 | Brand Name of the System | LENOVO | |
| 8 | IO Box Number | Refer SASC Computer Center Annexure 1.3 | |
| 9 | Whether Single/Multiple User | Multiple | |
| 10 | Whether connected directly to the LAN or through another Hub/Switch | YES | Directly connected to LAN & Switch located in the same room |


IP address allocated by Computer Centre


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| | |
|-------------|----------------------------------|
| IP address | 192.168.40. |
| Subnet Mask | 255.255.0.0 |
| Gateway | 192.168.40.2 to 192.168.40.79 |
| DNS Entry | 8.8.8.8 4.2.2.2 |

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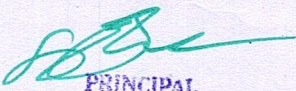

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1.3 MAC Address, IP Address, System No, IO Box, & Host Name for Computer Lab III

| SYSTEM NUMBER | IP ADDRESS | MAC ADDRESS | IO BOX NUMBER | HOST NAME |
|---------------|---------------|-------------------|---------------|-----------|
| 1 | 192.168.40.2 | 00-IF-DO-33-IE-4B | E Cat 5 -99 | LABIII_1 |
| 2 | 192.168.40.3 | 00-IF-DO-33-59-11 | E Cat 5 -100 | LABIII_2 |
| 3 | 192.168.40.4 | 00-IF-DO-33-0E-BB | E Cat 5 -101 | LABIII_3 |
| 4 | 192.168.40.5 | 00-IF-DO-33-1A-53 | E Cat 5 -102 | LABIII_4 |
| 5 | 192.168.40.6 | 00-IF-DO-33-02-EB | E Cat 5 -103 | LABIII_5 |
| 6 | 192.168.40.7 | 00-IF-DO-33-20-98 | E Cat 5 -104 | LABIII_6 |
| 7 | 192.168.40.8 | 00-IF-DO-33-F2-01 | E Cat 5 -105 | LABIII_7 |
| 8 | 192.168.40.9 | 00-IF-DO-33-08-9D | E Cat 5 -106 | LABIII_8 |
| 9 | 192.168.40.10 | 00-IF-DO-33-10-F4 | E Cat 5 -107 | LABIII_9 |
| 10 | 192.168.40.11 | 00-IF-DO-33-0A-48 | E Cat 5 -108 | LABIII_10 |
| 11 | 192.168.40.12 | 00-IF-DO-33-1B-8E | E Cat 5 -109 | LABIII_11 |
| 12 | 192.168.40.13 | 00-IF-DO-33-IE-56 | E Cat 5 -110 | LABIII_12 |
| 13 | 192.168.40.14 | 00-IF-DO-33-46-04 | E Cat 5 -111 | LABIII_13 |
| 14 | 192.168.40.15 | 00-IF-DO-33-E0-03 | E Cat 5 -112 | LABIII_14 |
| 15 | 192.168.40.16 | 00-IF-DO-33-10-7A | E Cat 5 -113 | LABIII_15 |
| 16 | 192.168.40.17 | 00-IF-DO-33-46-8B | E Cat 5 -114 | LABIII_16 |
| 17 | 192.168.40.18 | 00-IF-DO-33-23-C0 | E Cat 5 -115 | LABIII_17 |
| 18 | 192.168.40.19 | 00-IF-DO-33-G4-78 | E Cat 5 -116 | LABIII_18 |
| 19 | 192.168.40.20 | 00-IF-DO-33-0C-07 | E Cat 5 -117 | LABIII_19 |
| 20 | 192.168.40.21 | 00-IF-DO-33-34-03 | E Cat 5 -118 | LABIII_20 |
| 21 | 192.168.40.22 | 00-IF-DO-33-05-03 | E Cat 5 -119 | LABIII_21 |
| 22 | 192.168.40.23 | 00-IF-DO-33-56-E0 | E Cat 5 -120 | LABIII_22 |
| 23 | 192.168.40.24 | 00-IF-DO-33-10-A6 | E Cat 5 -121 | LABIII_23 |
| 24 | 192.168.40.25 | 00-IF-DO-33-4B-68 | E Cat 5 -122 | LABIII_24 |
| 25 | 192.168.40.26 | 00-IF-DO-33-05-03 | E Cat 5 -123 | LABIII_25 |
| 26 | 192.168.40.27 | 00-IF-DO-33-04-E0 | E Cat 5 -124 | LABIII_26 |
| 27 | 192.168.40.28 | 00-IF-DO-33-08-7A | E Cat 5 -125 | LABIII_27 |
| 28 | 192.168.40.29 | 00-IF-DO-33-09-68 | E Cat 5 -126 | LABIII_28 |
| 29 | 192.168.40.30 | 00-IF-DO-33-FD-15 | E Cat 5 -127 | LABIII_29 |
| 30 | 192.168.40.31 | 00-IF-DO-33-09-7C | E Cat 5 -128 | LABIII_30 |
| 31 | 192.168.40.32 | 00-IF-DO-33-ID-81 | E Cat 5 -129 | LABIII_31 |
| 32 | 192.168.40.33 | 00-IF-DO-33-02-F3 | E Cat 5 -130 | LABIII_32 |
| 33 | 192.168.40.34 | 00-IF-DO-33-F3-02 | E Cat 5 -131 | LABIII_33 |
| 34 | 192.168.40.35 | 00-IF-DO-33-06-6D | E Cat 5 -132 | LABIII_34 |
| 35 | 192.168.40.36 | 00-IF-DO-33-09-F3 | E Cat 5 -133 | LABIII_35 |
| 36 | 192.168.40.37 | 00-IF-DO-33-1B-99 | E Cat 5 -134 | LABIII_36 |
| 37 | 192.168.40.38 | 00-IF-DO-33-10-EE | E Cat 5 -135 | LABIII_37 |
| 38 | 192.168.40.39 | 00-IF-DO-33-22-94 | E Cat 5 -136 | LABIII_38 |
| 39 | 192.168.40.40 | 00-IF-DO-33-99-1F | E Cat 5 -137 | LABIII_39 |
| 40 | 192.168.40.41 | 00-IF-DO-33-10-90 | E Cat 5 -138 | LABIII_40 |
| 41 | 192.168.40.42 | 00-IF-DO-33-10-A7 | E Cat 5 -139 | LABIII_41 |
| 42 | 192.168.40.43 | 00-IF-DO-33-22-DF | E Cat 5 -140 | LABIII_42 |
| 43 | 192.168.40.44 | 00IF-DO-33-1E-15 | E Cat 5 -141 | LABIII_43 |
| 44 | 192.168.40.45 | 00-IF-DO-33-0B-69 | E Cat 5 -142 | LABIII_44 |

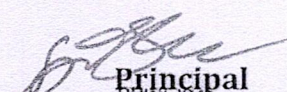
| | | | | |
|----|---------------|-------------------|--------------|-----------|
| 45 | 192.168.40.46 | 00-IF-DO-33-03-42 | E Cat 5 -143 | LABIII_45 |
| 46 | 192.168.40.47 | 00-IF-DO-33-0B-39 | E Cat 5 -144 | LABIII_46 |
| 47 | 192.168.40.48 | 00-IF-DO-33-20-95 | E Cat 5 -145 | LABIII_47 |
| 48 | 192.168.40.49 | 00-IF-DO-33-09-0C | E Cat 5 -146 | LABIII_48 |
| 49 | 192.168.40.50 | 00-IF-DO-33-12-4D | E Cat 5 -147 | LABIII_49 |
| 50 | 192.168.40.51 | 00-IF-DO-33-92-06 | E Cat 5 -148 | LABIII_50 |
| 51 | 192.168.40.52 | 00-IF-DO-33-05-28 | E Cat 5 -149 | LABIII_51 |
| 52 | 192.168.40.53 | 00-IF-DO-33-ID-10 | E Cat 5 -150 | LABIII_52 |
| 53 | 192.168.40.54 | 00-IF-DO-33-06-B6 | E Cat 5 -151 | LABIII_53 |
| 54 | 192.168.40.55 | 00-IF-DO-33-09-72 | E Cat 5 -152 | LABIII_54 |
| 55 | 192.168.40.56 | 00-IF-DO-33-04-28 | E Cat 5 -153 | LABIII_55 |
| 56 | 192.168.40.57 | 00-IF-DO-33-14-36 | E Cat 5 -154 | LABIII_56 |
| 57 | 192.168.40.58 | 00-IF-DO-33-F2-0E | E Cat 5 -155 | LABIII_57 |
| 58 | 192.168.40.59 | 00-IF-DO-33-99-06 | E Cat 5 -156 | LABIII_58 |
| 59 | 192.168.40.60 | 00-IF-DO-33-33-51 | E Cat 5 -157 | LABIII_59 |
| 60 | 192.168.40.61 | 00-IF-DO-33-0E-33 | E Cat 5 -158 | LABIII_60 |
| 61 | 192.168.40.62 | 00-IF-DO-33-4D-65 | E Cat 5 -159 | LABIII_61 |
| 62 | 192.168.40.63 | 00-IF-DO-33-0B-3F | E Cat 5 -160 | LABIII_62 |
| 63 | 192.168.40.64 | 00-IF-DO-33-09-6E | E Cat 5 -161 | LABIII_63 |
| 64 | 192.168.40.65 | 00-IF-DO-33-09-8E | E Cat 5 -162 | LABIII_64 |
| 65 | 192.168.40.66 | 00-IF-DO-33-04-78 | E Cat 5 -163 | LABIII_65 |
| 66 | 192.168.40.67 | 00-IF-DO-33-09-66 | E Cat 5 -164 | LABIII_66 |
| 67 | 192.168.40.68 | 00-IF-DO-33-05-01 | E Cat 5 -165 | LABIII_67 |
| 68 | 192.168.40.69 | 00-IF-DO-33-33-04 | E Cat 5 -166 | LABIII_68 |
| 69 | 192.168.40.70 | 00-IF-DO-33-13-32 | E Cat 5 -167 | LABIII_69 |
| 70 | 192.168.40.71 | 00-IF-DO-33-43-83 | E Cat 5 -168 | LABIII_70 |
| 71 | 192.168.40.72 | 00-IF-DO-33-0A-FB | E Cat 5 -169 | LABIII_71 |
| 72 | 192.168.40.73 | 00-IF-DO-33-0P-F6 | E Cat 5 -170 | LABIII_72 |
| 73 | 192.168.40.74 | 00-IF-DO-33-0F-D6 | E Cat 5 -171 | LABIII_73 |
| 74 | 192.168.40.75 | 00-IF-DO-31-11-BF | E Cat 5 -172 | LABIII_74 |
| 75 | 192.168.40.76 | 00-IF-DO-33-12-F8 | E Cat 5 -173 | LABIII_75 |
| 76 | 192.168.40.77 | 00-IF-DO-31-92-0C | E Cat 5 -174 | LABIII_76 |
| 77 | 192.168.40.78 | 00-IF-DO-33-0B-73 | E Cat 5 -175 | LABIII_77 |
| 78 | 192.168.40.79 | 00-IF-DO-33-09-93 | E Cat 5 -176 | LABIII_78 |

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| | | | |
|----|---|---|--|
| 1 | Name of the Lab | Computer Lab IV | |
| 2 | MAC address | Refer SASC Computer Center Annexure 1.4 | |
| 3 | Type of Node | Desktop | |
| 4 | Number of Systems | 44 | |
| 5 | Name of the System (Hostname) | Refer SASC Computer Center Annexure 1.4 | |
| 6 | Operating System | Windows 7 Professional | |
| 7 | Brand Name of the System | LENOVO | |
| 8 | IO Box Number | Connected directly through hub | |
| 9 | Whether Single/Multiple User | Single/Multiple | |
| 10 | Whether connected directly to the LAN or through another Hub/Switch | YES | Directly connected to LAN located in the same room |


IP address allocated by Computer Centre


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| | |
|-------------|----------------------------------|
| IP address | 192.168.20. |
| Subnet Mask | 255.255.0.0 |
| Gateway | 192.168.20.2 to 192.168.20.45 |
| DNS Entry | 8.8.8.8 4.2.2.2 |

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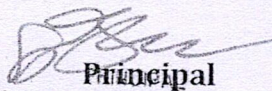

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1.4 MAC Address, IP Address, System No, IO Box, & Host Name for Computer Lab IV

| SYSTEM NUMBER | IP ADDRESS | MAC ADDRESS | IO BOX NUMBER | HOST NAME |
|---------------|---------------|--------------------|---------------|-----------|
| 1 | 192.168.20.2 | 00-IF-DO-33-IE-4B | E Cat 5 -177 | LABIV_1 |
| 2 | 192.168.20.3 | 00-IF-DO-33-59-11 | E Cat 5 -178 | LABIV_2 |
| 3 | 192.168.20.4 | 00-IF-DO-33-0E-BB | E Cat 5 -179 | LABIV_3 |
| 4 | 192.168.20.5 | 00-IF-DO-33-IA-53 | E Cat 5 -180 | LABIV_4 |
| 5 | 192.168.20.6 | 00-IF-DO-33-02-EB | E Cat 5 -181 | LABIV_5 |
| 6 | 192.168.20.7 | 00-IF-DO-33-20-98 | E Cat 5 -182 | LABIV_6 |
| 7 | 192.168.20.8 | 00-IF-DO-33-F2-01 | E Cat 5 -183 | LABIV_7 |
| 8 | 192.168.20.9 | 00-IF-DO-33-08-9D | E Cat 5 -184 | LABIV_8 |
| 9 | 192.168.20.10 | 00-IF-DO-33-10-F4 | E Cat 5 -185 | LABIV_9 |
| 10 | 192.168.20.11 | 00-IF-DO-33-0A-48 | E Cat 5 -186 | LABIV_10 |
| 11 | 192.168.20.12 | 00-IF-DO-33-1B-8E | E Cat 5 -187 | LABIV_11 |
| 12 | 192.168.20.13 | 00-IF-DO-33-IE-56 | E Cat 5 -188 | LABIV_12 |
| 13 | 192.168.20.14 | 00-IF-DO-33-46-04 | E Cat 5 -189 | LABIV_13 |
| 14 | 192.168.20.15 | 00-IF-DO-33- G4-5G | E Cat 5 -190 | LABIV_14 |
| 15 | 192.168.20.16 | 00-IF-DO-33-10-7A | E Cat 5 -191 | LABIV_15 |
| 16 | 192.168.20.17 | 00-IF-DO-33-46-8B | E Cat 5 -192 | LABIV_16 |
| 17 | 192.168.20.18 | 00-IF-DO-33-23-C0 | E Cat 5 -193 | LABIV_17 |
| 18 | 192.168.20.19 | 00-IF-DO-33-25-4D | E Cat 5 -194 | LABIV_18 |
| 19 | 192.168.20.20 | 00-IF-DO-33-0C-07 | E Cat 5 -195 | LABIV_19 |
| 20 | 192.168.20.21 | 00-IF-DO-33-8B-CB | E Cat 5 -196 | LABIV_20 |
| 21 | 192.168.20.22 | 00-IF-DO-33-05-03 | E Cat 5 -197 | LABIV_21 |
| 22 | 192.168.20.23 | 00-IF-DO-33-56-E0 | E Cat 5 -198 | LABIV_22 |
| 23 | 192.168.20.24 | 00-IF-DO-33-10-A6 | E Cat 5 -199 | LABIV_23 |
| 24 | 192.168.20.25 | 00-IF-DO-33-4B-68 | E Cat 5 -200 | LABIV_24 |
| 25 | 192.168.20.26 | 00-IF-DO-33-05-03 | E Cat 5 -201 | LABIV_25 |
| 26 | 192.168.20.27 | 00-IF-DO-33-04-E0 | E Cat 5 -202 | LABIV_26 |
| 27 | 192.168.20.28 | 00-IF-DO-33-46-CB | E Cat 5 -203 | LABIV_27 |
| 28 | 192.168.20.29 | 00-IF-DO-33-09-68 | E Cat 5 -204 | LABIV_28 |
| 29 | 192.168.20.30 | 00-IF-DO-33-64-93 | E Cat 5 -205 | LABIV_29 |
| 30 | 192.168.20.31 | 00-IF-DO-33-09-7C | E Cat 5 -206 | LABIV_30 |
| 31 | 192.168.20.32 | 00-IF-DO-33-ID-81 | E Cat 5 -207 | LABIV_31 |
| 32 | 192.168.20.33 | 00-IF-DO-33-45-A6 | E Cat 5 -208 | LABIV_32 |
| 33 | 192.168.20.34 | 00-IF-DO-33-46-6A | E Cat 5 -209 | LABIV_33 |
| 34 | 192.168.20.35 | 00-IF-DO-33-06-6D | E Cat 5 -210 | LABIV_34 |
| 35 | 192.168.20.36 | 00-IF-DO-33-09-F3 | E Cat 5 -211 | LABIV_35 |
| 36 | 192.168.20.37 | 00-IF-DO-33-66-C6 | E Cat 5 -212 | LABIV_36 |
| 37 | 192.168.20.38 | 00-IF-DO-33-10-EE | E Cat 5 -213 | LABIV_37 |
| 38 | 192.168.20.39 | 00-IF-DO-33-22-94 | E Cat 5 -214 | LABIV_38 |
| 39 | 192.168.20.40 | 00-IF-DO-33-4D-C7 | E Cat 5 -215 | LABIV_39 |
| 40 | 192.168.20.41 | 00-IF-DO-33-10-90 | E Cat 5 -216 | LABIV_40 |
| 41 | 192.168.20.42 | 00-IF-DO-33-10-A7 | E Cat 5 -217 | LABIV_41 |
| 42 | 192.168.20.43 | 00-IF-DO-33-22-DE | E Cat 5 -218 | LABIV_42 |
| 43 | 192.168.20.44 | 00IF-DO-33-1E-15 | E Cat 5 -219 | LABIV_43 |
| 44 | 192.168.20.45 | 00-IF-DO-33-0B-69 | E Cat 5 -220 | LABIV_44 |

| | | | |
|----|---|---|---|
| 1 | Name of the Block | DIGITAL LIBRARY | |
| 2 | MAC address | Refer SASC Computer Center Annexure 1.5 | |
| 3 | Type of Node | Desktop | |
| 4 | Number of Systems | 07 | |
| 5 | Name of the System (Hostname) | Refer SASC Computer Center Annexure 1.5 | |
| 6 | Operating System | Windows 7 Professional | |
| 7 | Brand Name of the System | LENOVO | |
| 8 | IO Box Number | Refer SASC Computer Center Annexure 1.5 | |
| 9 | Whether Single/Multiple User | Multiple | |
| 10 | Whether connected directly to the LAN or through another Hub/Switch | YES | Directly connected to LAN located in the different room |


IP address allocated by Computer Centre


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| | |
|-------------|------------------------------|
| IP address | 192.168.50. |
| Subnet Mask | 255.255.0.0 |
| Gateway | 192.168.50.2 to 192.168.50.8 |
| DNS Entry | 8.8.8.8 4.2.2.2 |


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1.5 MAC Address, IP Address, System No, IO Box, & Host Name for DIGITAL LIBRARY


| SYSTEM NUMBER | IP ADDRESS | MAC ADDRESS | IO BOX NUMBER | HOST NAME |
|---------------|--------------|-------------------|---------------|-----------|
| 1 | 192.168.50.2 | B8-AE-ED-98-3B-55 | E Cat 5 -221 | SASCLIB_1 |
| 2 | 192.168.50.3 | B8-AE-ED-98-3A-F2 | E Cat 5 -222 | SASCLIB_2 |
| 3 | 192.168.50.4 | B8-AE-ED-98-39-F5 | E Cat 5 -223 | SASCLIB_3 |
| 4 | 192.168.50.5 | B8-AE-ED-98-43-3C | E Cat 5 -224 | SASCLIB_4 |
| 5 | 192.168.50.6 | B8-AE-ED-98-3C-FD | E Cat 5 -225 | SASCLIB_5 |
| 6 | 192.168.50.7 | B8-AE-ED-98-3E-45 | E Cat 5 -226 | SASCLIB_6 |
| 7 | 192.168.50.8 | B8-AE-ED-98-E4-1F | E Cat 5 -227 | SASCLIB_7 |

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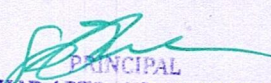

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2. Location of the system & its Configuration

| S.NO | NAME OF THE LAB/DEPARTMENT | SYSTEM CONFIGURATION | | | LOCATION OF THE SYSTEM (LATITUDE AND LONGITUDE) |
|-------|----------------------------|---|------|------------|---|
| | | PROCESSOR | RAM | HDD | |
| 1.1.1 | COMPUTER LAB I | Intel (R) Core (TM) i5-2400 CPU@3.10Ghz | 8 GB | 250 SSD GB | Lat 11.381762° Long 77.931628° |
| 1.1.2 | COMPUTER LAB II | Intel (R) Core (TM) i5-2400 CPU@3.10Ghz | 8 GB | 250 SSD GB | Lat 11.405652° Long 77.926946° |
| 1.1.3 | COMPUTER LAB III | Intel (R) Core (TM) i3 Duo CPU E4600 @2.40Ghz | 4 GB | 128 GB | Lat 11.406492° Long 77.926806° |
| 1.1.4 | COMPUTER LAB IV | AMD A8-7600 Radeon R7 compute cores 4C | 4 GB | 512 GB | Lat 11.405464° Long 77.926766° |
| 1.1.5 | DIGITAL LIBRARY | AMD A8-7600 Radeon R7 compute cores 4C | 4 GB | 512 GB | Lat 11.408027° Long 77.926193° |


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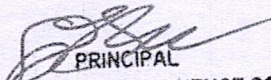
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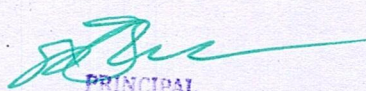

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3. Application for the Allocation of Wi-Fi IP Address

3.1. MAC /Physical/Adapter address & Brand Name of the System

| SNO | BRAND NAME | MAC ADDRESS | LOCATION |
|-----|------------|-------------------|-----------------------------------|
| 1 | TP-LINK | C4-E9-84-C7-EA-A8 | Lat 11.40625° Long 77.926133° |
| 2 | CISCO | C8-B3-73-51-B1-54 | Lat 11.406344° Long 77.926425° |
| 3 | DIGISOL | C4-70-0B-7E-03-93 | Lat 11.406362° Long 77.926401° |
| 4 | TP-LINK | C4-E9-84-C7-EA-10 | Lat 11.406479° Long 77.926867° |
| 5 | TP-LINK | C4-E9-84-C7-EA-A9 | Lat 11.406732° Long 77.927129° |
| 6 | TP-LINK | C4-E9-84-C7-EA-B8 | Lat 11.406812° Long 77.926846° |
| 7 | TP-LINK | C4-E9-84-C7-EA-11 | Lat 11.405629° Long 77.926705° |
| 8 | TP-LINK | C4-E9-84-C7-EA-A7 | Lat 11.403542° Long 77.930136° |


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| | | | | | |
|------------------|---|------|------------------|------------------------------------|---|
| MICROBIOLOGY DES | AMD A8-7600 Radeon R7 compute cores 4C | 4 GB | 512 GB | Lat 11.4107920° Long 77.924386° | 1 |
| MICROBIOLOGY LAP | Intel (R) Core (TM) i5-3320M CPU@2.26Ghz | 4GB | 320 GB | | 1 |
| BIO TECH DES | Intel (R) Core (TM) i5-2400 CPU@3.10Ghz | 8 GB | 250 SSD GB | Lat 11.40663° Long 77.926264° | 1 |
| BIO TECH LAP | Intel (R) Core (TM) i5-3320M CPU@2.26Ghz | 4GB | 320 GB | | 1 |
| M.COM CS LAP | Intel (R) Core (TM) i5-3320M CPU@2.26Ghz | 4GB | 320 GB | Lat 11.405464° Long 77.926766° | 1 |
| TAMIL LAP | Intel (R) Core (TM) i5-3320M CPU@2.26Ghz | 4GB | 320 GB | Lat 11.435092° Long 77.920432° | 1 |
| BOTANY LAP | Intel (R) Core (TM) i5-3320M CPU@2.26Ghz | 4GB | 320 GB | Lat 11.414396° Long 77.928602° | 1 |
| IQAC SYS | AMD A8-7600 Radeon R7 compute cores 4C | 4 GB | 512 GB | Lat 11.404528° Long 77.928708° | 1 |
| IQAC LAP | Intel (R) Core (TM) i5-3320M CPU@2.26Ghz | 4GB | 320 GB | | 1 |
| CHEMISTRY LAP | Intel (R) Core (TM) i5-3320M CPU@2.26Ghz | 4GB | 320 GB | Lat 11.414396° Long 77.928602° | 1 |
| COMPUTER SCIENCE | AMD A8-7600 Radeon R7 compute cores 4C | 4 GB | 512 GB | Lat 11.405652° Long 77.926946° | 1 |
| MCA | AMD A8-7600 Radeon R7 compute cores 4C | 4 GB | 512 GB | Lat 11.405656° Long 77.926789° | 1 |

SERVERS CONFIGURATION

| | |
|------------------|---------------------------|
| No. of Server | 1 No. (hp Proliant ML150) |
| Operating System | 2000 server |
| Processor | Intel Xeon Dual Core 5200 |
| RAM | 1 GB |
| HDD | 160 GB |
| Monitor | HP L1710 LCD 17" |

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