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| **College Of Engineering & Management, Kolaghat** | | | | | | | | | | | |
| **VLAN Database** | | | | | | | | | | | |
| **Sl.**  **No.** | **Department** | **VLAN**  **Name** | **VLAN ID** | **Network** | **CIDR** | **Usable IP** | **Valid IP Range** | **IP Delivary Mode** | **Subnet Mask** | **VLAN's IP / Gateway** | **DNS** |
| **Management Department** | | | | | | | | | | | |
| 1 | Management | MNGT | 1 | 10.10.1.0 | /24 | 254 | 10.10.1.1 - 10.10.1.254 | **STATIC** | 255.255.255.0 | 10.10.1.1 | 192.168.99.2 &  8.8.8.8 |
| 2 | Server & IT Equipment | SRV | 2 | 10.10.2.0 | /24 | 254 | 10.10.2.1 - 10.10.2.254 | 255.255.255.0 | 10.10.2.1 |
| 3 | Admin User | ADM | 3 | 10.10.3.0 | /24 | 254 | 10.10.3.1 - 10.10.3.254 | 255.255.255.0 | 10.10.3.1 |
| 4 | Camera | CAMERA | 4 | 10.10.4.0 | /22 | 1022 | 10.10.4.1 - 10.10.7.254 | 255.255.252.0 | 10.10.4.1 |
| **Education Department** | | | | | | | | | | | |
| 5 | CSE | CSE | 10 | 172.16.8.0 | /22 | 1022 | 172.16.8.1 - 172.16.11.254 | **STATIC** | 255.255.252.0 | 172.16.8.1 | 192.168.99.2 &  8.8.8.8 |
| 6 | IT | IT | 11 | 172.16.16.0 | /22 | 1022 | 172.16.16.1 - 172.16.19.254 | 255.255.252.0 | 172.16.16.1 |
| 7 | ECE | ECE | 12 | 172.16.24.0 | /23 | 510 | 172.16.24.1 - 172.16.25.254 | 255.255.254.0 | 172.16.24.1 |
| 8 | AIML | AIML | 13 | 172.16.28.0 | /23 | 510 | 172.16.28.1 - 172.16.29.254 | 255.255.254.0 | 172.16.28.1 |
| 9 | ME | ME | 14 | 172.16.32.0 | /23 | 510 | 172.16.32.1 - 172.16.33.254 | 255.255.254.0 | 172.16.32.1 |
| 10 | EE | EE | 15 | 172.16.36.0 | /23 | 510 | 172.16.36.1 - 172.16.37.254 | 255.255.254.0 | 172.16.36.1 |
| 11 | BSH | BSH | 16 | 172.16.40.0 | /23 | 510 | 172.16.40.1 - 172.16.41.254 | 255.255.254.0 | 172.16.40.1 |
| 12 | LIB | LIB | 17 | 172.16.44.0 | /23 | 510 | 172.16.44.1 - 172.16.45.254 | 255.255.254.0 | 172.16.44.1 |
| **Hostel & Student Personal Use** | | | | | | | | | | | |
| 13 | HOB | HOB | 20 | 192.168.8.0 | /22 | 1022 | 192.168.8.1 -192.168.11.254 | **DHCP** | 255.255.252.0 | 192.168.8.1 | 192.168.99.2 &  8.8.8.8 |
| 14 | H1 | H1 | 21 | 192.168.16.0 | /23 | 510 | 192.168.16.1 -192.168.17.254 | 255.255.254.0 | 192.168.16.1 |
| 15 | H2 | H2 | 22 | 192.168.20.0 | /23 | 510 | 192.168.20.1 -192.168.21.254 | 255.255.254.0 | 192.168.20.1 |
| 16 | H3 | H3 | 23 | 192.168.24.0 | /23 | 510 | 192.168.24.1 -192.168.25.254 | 255.255.254.0 | 192.168.24.1 |
| 17 | H4 | H4 | 24 | 192.168.28.0 | /23 | 510 | 192.168.28.1 -192.168.29.254 | 255.255.254.0 | 192.168.28.1 |
| 18 | NGH\_OLD | NGH\_OLD | 25 | 192.168.32.0 | /23 | 510 | 192.168.32.1 -192.168.33.254 | 255.255.254.0 | 192.168.32.1 |
| 19 | NGH\_NEW | NGH\_NE  W | 26 | 192.168.36.0 | /23 | 510 | 192.168.36.1 -192.168.37.254 | 255.255.254.0 | 192.168.36.1 |
| 20 | FACULTY\_QT R | FACULTY\_ QTR | 27 | 192.168.40.0 | /23 | 510 | 192.168.40.1 -192.168.41.254 | 255.255.254.0 | 192.168.40.1 |
| **Internet** | | | | | | | | | | | |
| 21 | INTERNET | INT | 99 | 192.168.99.0 | /24 | 254 | 192.168.99.1 - 192.168.99.254 | **STATIC** | 255.255.255.240 | 192.168.99.1 | 8.8.8.8 |