|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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 | 2 | 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 | 3 | 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 | 4 | 10.10.3.0 | /24 | 254 | 10.10.3.1 - 10.10.3.254 | 255.255.255.0 | 10.10.3.1 |
| 4 | **Nodal Cell** | NODAL | 5 | 10.10.4.0 | /24 | 254 | 10.10.4.1-10.10.4.254 | 255.255.255.0 | 10.10.4.1 |
| 5 | Camera | CAMERA | 6 | 10.10.5.0 | /24 | 254 | 10.10.5.1 - 10.10.5.254 | 255.255.252.0 | 10.10.5.1 |
| **Education Department** | | | | | | | | | | | |
| 6 | CST | CST | 10 | 172.16.6.0 | /24 | 254 | 172.16.6.1 - 172.16.6.254 | **STATIC** | 255.255.255.0 | 172.16.6.1 | 192.168.99.2 &  8.8.8.8 |
| 7 | ETCE | ETCE | 11 | 172.16.8.0 | /24 | 254 | 172.16.8.1 - 172.16.8.254 | 255.255.255.0 | 172.16.8.1 |
| 8 | CHEM | CHEM | 12 | 172.16.10.0 | /24 | 254 | 172.16.10.1 - 172.16.10.254 | 255.255.255.0 | 172.16.10.1 |
| 9 | EE | EE | 13 | 172.16.12.0 | /24 | 254 | 172.16.12.1 - 172.16.12.254 | 255.255.255.0 | 172.16.12.1 |
| 10 | ME | ME | 14 | 172.16.14.0 | /24 | 254 | 172.16.14.1 - 172.16.14.254 | 255.255.255.0 | 172.16.14.1 |
| 11 | Civil | CIVIL | 15 | 172.16.16.0 | /24 | 254 | 172.16.16.1 - 172.16.16.254 | 255.255.255.0 | 172.16.16.1 |
| 12 | BSH | BSH | 16 | 172.16.18.0 | /24 | 254 | 172.16.18.1 - 172.16.18.254 | 255.255.255.0 | 172.16.18.1 |
| 13 | Pharmacy | PHARMACY | 17 | 172.16.20.0 | /24 | 254 | 172.16.20.1 - 172.16.20.254 | 255.255.255.0 | 172.16.20.1 |
| 14 | LIB | LIB | 18 | 172.16.22.0 | /24 | 254 | 172.16.22.1 - 172.16.22.254 | 255.255.255.0 | 172.16.22.1 |
| **Internet** | | | | | | | | | | | |
| 22 | 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 |