IP ADDRESING SCHEME TASK V

Our section's subnet address = 160.192.0.0/11

Our IP Scheme = 160.210.0.0/15 = subnet No 9

Network	Subnet Address	Host Addre	ss Range	Broadcast Address
All Common Area	160.210.0.0/25	160.210.0.1	160.210.0.126	160.210.0.127
TV Production Studio	160.210.0.128/26	160.210.0.129	160.210.0.190	160.210.0.191
Distance Learning Classroom	160.210.0.192/26	160.210.0.193	160.210.0.254	160.210.0.255
Digital Lab	160.210.1.0/26	160.210.1.1	160.210.1.62	160.210.1.63
Video Editing Lab	160.210.1.64/26	160.210.1.65	160.210.1.126	160.210.1.127
General Student Lab	160.210.1.128/26	160.210.1.129	160.210.1.190	160.210.1.191
Server Area	160.210.1.192/27	160.210.1.193	160.210.1.222	160.210.1.223

Subnet 9 -> 160-210-0:0/15to 160.211.255.255/15

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		19000000000000000000000000000000000000			
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Our 1 18 scheme = 160.192.0.0/11

We have,

120(+) hosts

-- 24 = 120 0 .

-, n= 7

@ TV Production studio > 60 + hosts

2 = 60 10 y

- 002 = 6 01.1

3 pistance Learning class -> cof hosts

2 = 60

: u=6

@ Digital lab -> co(+) hosts

= 2" = 60

: n = 6

3 video editing Lab -> 60(+) hosts

·. 2" = 60

: u = 6

@ General student Lab -> 60(+) hosts

-: 2" = 60

1. n = 6

3 server Area -> 30+) hosts

2 = 30

:. u = 5

Our 18 scheme = 160.210.0.0/15 15 . 110/11/11/11 000000 3 Distance 000000 7 Digital 1.001 600000 1.0 S editing lab 1111 000000 7 honeral Literal (fo) 1 Student Lo

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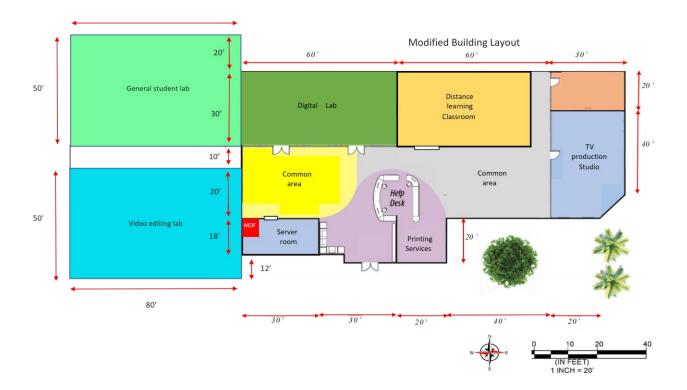
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NEW LAYOUT