**Draft Time Table for ‘Data Communications’ Module for Induction Training of ITS 2022 Batch, 19-30 August, 2024**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Week 1** | **09:30-11:00** | **11:00-11:30** | **11:30-13:00** | **13:00-14:00** | **14:00-15:30** | **15:30-16:00** | **16:00-17:30** |
| **August 19, 2024** | **Course Overview and****OSI/TCP IP Model**  | **Tea Break** | **OSI/TCP IP Model** | **Lunch Break** | **IPv4 Addressing**  | **Tea Break** | **Fundamentals of IPv6**  |
| Sh. Ashi Kapoor Dir(ICT) | Sh. Ashi Kapoor Dir(ICT) | Sh. Ashi Kapoor Dir(ICT) | Sh. R P Singh Dir(trg) |
| **August 20, 2024** | **IPV6 Migration** | **VLAN** | **DNS/DHCP** | **Overview of Packet tracer** |
| Sh. R P Singh Dir(trg) | Sh. Vijay Singh | Sh .Vijay Singh | Sh. Shantanu Sharma |
| **August 21, 2024** | **IPV4 tutorial**  | **Routing Fundamentals** | **Router Architecture/RAS** | **Preliminary configuration of Routers-1** |
| Sh. Ashi Kapoor Dir(ICT) | Sh. Vijay Singh | Sh. Vijay Singh | Sh. Vijay Singh |
| **August 22, 2024** | **Preliminary configuration of Routers-2** | **Routing Fundamentals- (RIP)** | **Static Routing and Default Routing-1** | **Static Routing and Default Routing-2** |
| Sh. Vijay Singh | Sh. R P Singh Dir(trg) | Sh. R P Singh Dir(trg) | Sh. R P Singh Dir(trg) |
| **August 23, 2024** | **MTNL NOC Visit** | **MTNL NOC Visit** | **MTNL NOC Visit** | **MTNL NOC Visit** |
| **Week 2** | **09:30-11:00** | **11:00-11:30** | **11:30-13:00** | **13:00-14:00** | **14:00-15:30** | **15:30-16:00** | **16:00-17:30** |
| **August 26 2024** | **Holiday** |  | **Holiday** |  | **Holiday** |  | **Holiday** |
|  |  |  |  |
| **August 27, 2024** | **OSPF** | **OSPF Lab (single Area)** | **OSPF Lab(Multi Area)** | **MPLS overview & LDP** |
| Sh. R P Singh Dir(trg) | Sh. R P Singh Dir(trg) | Sh. R P Singh Dir(trg) | Sh. R P Singh Dir(trg) |
| **August 28, 2024** | **ISP Visit** | **ISP Visit** | **ISP Visit** | **ISP Visit** |
|  |  |  |  |
| **August 29, 2024** | **BGP** | **VPN Overview** | **Layer-2 WAN protocols** **PPP/Ethernet/ ATM** | **ISP core Network Overview** |
| Sh. R P Singh Dir(trg) | Sh. Vijay Singh | Sh. Shantanu Sharma | Sh. Alock Tyagi |
| **August 30, 2024** | **Recap of Module** | **Recap of Module** | **Test** | **Feedback & Valediction** |
| Sh. Ashi Kapoor Dir(ICT) | Sh. Ashi Kapoor Dir(ICT) | Sh. Shantanu Sharma | Sh. Shantanu Sharma |

**(Ashi Kapoor)**

**Course Director**