 **Shri G.S Institute of Technology & Science**

**Computer Networks**

**Assignment 4 – INDEX**

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| Sr. No. | Program | P. No. | Remarks |
| 3 | Basic Device Configuration Add a Router, Switch, and PCs to the workspace. Assign IP addresses to PCs. Configure a Router's interfaces with IP addresses. Set hostnames for the devices. | 39 – 41 |  |
| 4 | Configuring VLANs. Add a switch and multiple PCs.Create VLANs and assign ports.  Configure trunk ports between switches.Verify VLANs with show vlan brief. | 41- 43 |  |
| 5 | Configuring Static Routing Use two routers and connect them with a network. Assign IP addresses and subnet masks. Configure static routes using the ip route command. Test connectivity between devices using ping. | 43- 45 |  |
| 6 | Configuring dynamic routing. Use multiple routers and assign IP addresses and configure RIP/OSPF | 45 - 46 |  |