



HIGHER EDUCATION SCIENCE AND TECHNOLOGY

Internship Logbook



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Month: **JULY**

| Target | Achievements | Challenges | Lessons Learnt |
|--------------------------------|---|--|---|
| TCP/IP & OSI Reference model | OSI Reference model layers and data communication | no challenges | Deep understanding of data communications |
| Functions of layers of TCP/IP | Understand the working model of the Internet | Used Simulink software only, not practical routers. | The Internet architecture model |
| Classification of IP addresses | IPv4 and IPv6. | IPv6 was not practised practically | IP versions and IP Concept |
| Plan & build by IP addresses | Can set up an IP network/LAN | This was just simulation never set up physical network | Setting up networks LAN / WAN etc |

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|--|---|--|--|
| Functions of the route and routing tables | Understanding of static and dynamic routing protocols | No practical teach | Routers and their configurations |
| OSPF routing protocols and features | proper configuration of OSPF on a router | The theory part of OSPF not well understood. | Dynamic routing protocols |
| Understand process of route calculation Understand OSPF route calculation | None | well understood | OSPF - link layer state layer protocol |

Supervisors Comment:.....

Good targets set

Signature:.....

