



SWAMI VIVEKANANDA SCHOOL OF ENGINEERING & TECHNOLOGY
LESSON PLAN (SUMMER 2024)

| Discipline- CSE & ETC | Semester-4th | Faculty Name- Mitali Madhusmita Pradhan |
|--|---------------------------------------|--|
| Subject- Data Communication and Computer Network | No of days/ per week class allotted-4 | Semester from date- 16/01/2024 to 26/04/2024 No of weeks-17 |
| Week | Class day | Theory Topics |
| JAN 3RD | 16.01.2024 | Network& Protocol |
| | 17.01.2024 | Data Communication,Networks |
| | 19.01.2024 | Protocol & Architecture,Network Standards |
| | 20.01.2024 | Protocol & Architecture,Network Standards |
| JAN 4TH | 23.01.2024 | OSI Model |
| | 24.01.2024 | OSI Model |
| | 25.01.2024 | TCP/IP Model |
| | 27.01.2024 | Doubt clearing class |
| JAN 5TH | 29.01.2024 | Data Transmission & Media |
| | 30.01.2024 | Data transmission Concepts and Terminology |
| | 31.01.2024 | Analog Data transmission,Digital Data transmission |
| FEB 1ST | 01.02.2024 | Analog Data transmission,Digital Data transmission |
| | 02.02.2024 | Transmission impairments, Channel capacity,Transmission media |
| | 03.02.2024 | Transmission impairments, Channel capacity,Transmission media |
| FEB 2ND | 06.02.2024 | Guided Transmission |
| | 07.02.2024 | Wireless Transmission |
| | 09.02.2024 | Data encoding |
| | 10.02.2024 | Digital data digital signals,Digital data analog signals |
| FEB 3RD | 13.02.2024 | Analog data digital signals,Analog data analog signals |
| | 15.02.2024 | Doubt clearing class |
| | 16.02.2024 | Data Communication & Data link control |
| | 17.02.2024 | Asynchronous and Synchronous Transmission |
| FEB 4TH | 20.02.2024 | Error Detection,Line configuration,Flow Control,Error Control |
| | 22.02.2024 | Multiplexing |
| | 23.02.2024 | FDM synchronous |
| | 24.02.2024 | TMD,Statistical TDM |
| FEB 5TH | 26.02.2024 | Switching & Routing |
| | 27.02.2024 | Circuit Switching networks |
| | 29.02.2024 | Packet Switching principles |
| MAR 1ST | 01.03.2024 | X.25,Routing in Packet switching,Congestion |
| | 02.03.2024 | Effects of congestion,congestion control |
| MAR 2ND | 04.03.2024 | Traffic Management |
| | 05.03.2024 | Traffic Management |
| | 06.03.2024 | Congestion Control in Packet Switching Network. |
| | 09.03.2024 | Congestion Control in Packet Switching Network. |

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| MAR 3RD | 12.03.2024 | Congestion Control in Packet Switching Network. |
| | 13.03.2024 | Doubt clearing class |
| | 15.03.2024 | Class Test |
| MAR 4TH | 19.03.2024 | LAN Technology |
| | 20.03.2024 | Topology |
| | 22.03.2024 | Transmission Media |
| | 23.03.2024 | Transmission Media |
| MAR 5TH | 25.03.2024 | LAN protocol architecture |
| | 27.03.2024 | LAN protocol architecture |
| | 29.03.2024 | Medium Access control |
| | 30.03.2024 | Bridges, Hub, Switch |
| APR 1ST | 02.04.2024 | Ethernet |
| | 03.04.2024 | CSMA/CD |
| | 05.04.2024 | Fiber Channel |
| | 06.04.2024 | Wireless LAN Technology |
| APR 2ND | 09.04.2024 | Class Test |
| | 10.04.2024 | TCP/IP |
| | 12.04.2024 | TCP/IP Protocol Suite |
| | 13.04.2024 | Basic Protocol functions |
| APR 3RD | 16.04.2024 | Basic Protocol functions |
| | 17.02.2024 | Principles of Internetworking |
| | 19.02.2024 | Internetworking |
| | 20.02.2024 | Internet Protocol operations |
| MAY 4TH | 23.02.2024 | Internet Protocol operations |
| | 24.02.2024 | Internet Protocol |

Total no. of Classes: **60**
 No. of Theory Classes: **45**
 No. of Tutorial Classes: **5**
 No. of Digital Classes: **5**
 No. of PPT Classes: **5**

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Computer Science & Engineering
 S.V.S.E.T., Madanpur

J Singh
 14/01/24
 DEAN (ACADEMICS)

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