

## STUDY PLAN

| Avinash Sir - Basic Telecommunications Concept         |  |                | Ashish Sir - Emerging Technologies |                           |               |
|--|--|----------------|------------------------------------|---------------------------|---------------|
| Date   | Topic                                      | Timing         | Date                               | Topic                     | Timing        |
| Friday, February 6, 2026                               | Modulation and Demodulation Technologies-1 | 4:30PM 5:45 PM | Monday, March 9, 2026              | Fundamentals              | 5:45PM 6:45PM |
| Monday, February 9, 2026                               | Modulation and Demodulation Technologies-2 | 4:30PM 5:45 PM | Tuesday, March 10, 2026            | Internet of things(LOT)   | 5:45PM 6:45PM |
| Tuesday, February 10, 2026                             | Modulation and Demodulation Technologies-3 | 4:30PM 5:45 PM | Wednesday, March 11, 2026          | Types Of Circuit Elements | 5:45PM 6:45PM |
| Wednesday, February 11, 2026                           | Modulation and Demodulation Technologies-4 | 4:30PM 5:45 PM | Thursday, March 12, 2026           | Block Chain               | 5:45PM 6:45PM |
| Thursday, February 12, 2026                            | Multiplexing Techniques-1                  | 4:30PM 5:45 PM | Friday, March 13, 2026             | Software Defined          | 5:45PM 6:45PM |
| Friday, February 13, 2026                              | Multiplexing Techniques-2                  | 4:30PM 5:45 PM | Monday, March 16, 2026             | Networks                  | 5:45PM 6:45PM |
| Monday, February 16, 2026                              | Spectrum Management-1                      | 4:30PM 5:45 PM | Tuesday, March 17, 2026            | Cloud Computing           | 5:45PM 6:45PM |
| Tuesday, February 17, 2026                             | Spectrum Management-2                      | 4:30PM 5:45 PM | Wednesday, March 18, 2026          | Data Centers              | 5:45PM 6:45PM |
| Wednesday, February 18, 2026                           | Signal Processing-1                        | 4:30PM 5:45 PM | Thursday, March 19, 2026           | Artificial Intelligence   | 5:45PM 6:45PM |
| Thursday, February 19, 2026                            | Signal Processing-2                        | 4:30PM 5:45 PM | Friday, March 20, 2026             | Telecom Network           | 5:45PM 6:45PM |
| Avinash Sir - Wireless Telecommunications Technologies |  |                | Monday, March 23, 2026             | Telecom Network           | 5:45PM 6:45PM |
| Date   | Topic                                      | Timing         |                                    |                           |               |
| Friday, February 20, 2026                              | Wireless Communication Principles          | 4:30PM 5:45 PM |                                    |                           |               |
| Monday, February 23, 2026                              | Mobile Antenna System                      | 4:30PM 5:45 PM |                                    |                           |               |
| Tuesday, February 24, 2026                             | Fundamentals of GSM                        | 4:30PM 5:45 PM |                                    |                           |               |
| Wednesday, February 25, 2026                           | Fundamentals of LTE                        | 4:30PM 5:45 PM |                                    |                           |               |

| Thursday, February 26, 2026                                  | Fundamentals of IMS                           | 4:30PM 5:45 PM |  |  |  |
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| Friday, February 27, 2026                                    | Fundamentals of 5G and Industrial application | 4:30PM 5:45 PM |  |  |  |
| Monday, March 2, 2026  | KPIs of 2G/3G/4G/5G                           | 4:30PM 5:45 PM |  |  |  |
| Tuesday, March 3, 2026                                       | Satellite Communications                      | 4:30PM 5:45 PM |  |  |  |
| Thursday, March 5, 2026                                      | Fundamentals of Telco-Cloud                   | 4:30PM 5:45 PM |  |  |  |
| Friday, March 6, 2026  | Mobile Radio Back Haul                        | 4:30PM 5:45 PM |  |  |  |
| Monday, March 9, 2026  | Spectrum Management                           | 4:30PM 5:45 PM |  |  |  |
| Tuesday, March 10, 2026                                      | Fixed wireless Access                         | 4:30PM 5:45 PM |  |  |  |
| Wednesday, March 11, 2026                                    | Fundamentals of USIM/ESIM/ISIM                | 4:30PM 5:45 PM |  |  |  |
| Thursday, March 12, 2026                                     | Fundamentals of MMS                           | 4:30PM 5:45 PM |  |  |  |
| Friday, March 13, 2026                                       | Standardization in wireless communication     | 4:30PM 5:45 PM |  |  |  |
| Monday, March 16, 2026                                       | Fundamental of Signaling                      | 4:30PM 5:45 PM |  |  |  |
| Tuesday, March 17, 2026                                      | Disaster management                           | 4:30PM 5:45 PM |  |  |  |
| <b>Mayank Sir - Wireline Telecommunications Technologies</b> |   |                |  |  |  |
| Date   | Topic   | Timing         |  |  |  |
| Friday, February 6, 2026                                     | NGN Switches                                  | 3:30PM 4:30 PM |  |  |  |
| Monday, February 9, 2026                                     | Telecommunication                             | 3:30PM 4:30 PM |  |  |  |
| Tuesday, February 10, 2026                                   | Broadband Internet Technologies               | 3:30PM 4:30 PM |  |  |  |
| Wednesday, February 11, 2026                                 | FTTxTechnology                                | 3:30PM 4:30 PM |  |  |  |
| Thursday, February 12, 2026                                  | Signaling                                     | 3:30PM 4:30 PM |  |  |  |

| Friday, February 13, 2026                                | Call Flow                            | 3:30PM 4:30 PM |  |  |  |
|--|--------------------------------------|----------------|--|--|--|
| Monday, February 16, 2026                                | NGN PROTOCOLS                        | 3:30PM 4:30 PM |  |  |  |
| Tuesday, February 17, 2026                               | WI-FI Services                       | 3:30PM 4:30 PM |  |  |  |
| <b>Avinash Sir - Telecom Transmission Infrastructure</b> |                                      |                |  |  |  |
| Date   | Topic                                | Timing         |  |  |  |
| Wednesday, March 18, 2026                                | Fundamentals of Transmission Systems | 4:30PM 5:45 PM |  |  |  |
| Thursday, March 19, 2026                                 | Fundamentals of Transmission Systems | 4:30PM 5:45 PM |  |  |  |
| Friday, March 20, 2026                                   | Optical Fiber Technology             | 4:30PM 5:45 PM |  |  |  |
| Monday, March 23, 2026                                   | Optical Fiber Technology             | 4:30PM 5:45 PM |  |  |  |
| Tuesday, March 24, 2026                                  | Optical Fiber Systems -1             | 4:30PM 5:45 PM |  |  |  |
| Wednesday, March 25, 2026                                | Optical Fiber Systems -2             | 4:30PM 5:45 PM |  |  |  |
| Thursday, March 26, 2026                                 | Optical Fiber Systems -3             | 4:30PM 5:45 PM |  |  |  |
| <b>Mayank Sir - IP/Data Networks</b>                     |                                      |                |  |  |  |
| Date   | Topic                                | Timing         |  |  |  |
| Wednesday, February 18, 2026                             | Network Elements                     | 3:30PM 4:30 PM |  |  |  |
| Thursday, February 19, 2026                              | Routing Concept and Protocols        | 3:30PM 4:30 PM |  |  |  |
| Friday, February 20, 2026                                | OSI and TCP                          | 3:30PM 4:30 PM |  |  |  |
| Monday, February 23, 2026                                | Caching and Peering                  | 3:30PM 4:30 PM |  |  |  |
| Tuesday, February 24, 2026                               | Secured IP network                   | 3:30PM 4:30 PM |  |  |  |
| Wednesday, February 25, 2026                             | Fundamental concept of IPv4          | 3:30PM 4:30 PM |  |  |  |

| Thursday, February 26, 2026             | IPv6 Addressing                      | 3:30PM 4:30 PM  |  |  |  |
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| Friday, February 27, 2026               | Fundamentals of MPLS                 | 3:30PM 4:30 PM  |  |  |  |
| Monday, March 2, 2026                   | Network Design for Next Generation   | 3:30PM 4:30 PM  |  |  |  |
| Tuesday, March 3, 2026                  | IP Network QoS                       | 3:30PM 4:30 PM  |  |  |  |
| Wednesday, March 4, 2026                | Proxy Services, DNS Services         | 3:30PM 4:30 PM  |  |  |  |
| Thursday, March 5, 2026                 | Cyber Security and Firewall          | 3:30PM 4:30 PM  |  |  |  |
| <b>Avinash Sir - Project Management</b> |                                      |                 |  |  |  |
| Date                                    | Topic                                | Timing          |  |  |  |
| Wednesday, March 11, 2026               | Introduction to project              | 6:45PM - 7:45PM |  |  |  |
| Thursday, March 12, 2026                | Management and project selection     | 6:45PM - 7:45PM |  |  |  |
| Friday, March 13, 2026                  | Project planning and implementation. | 6:45PM - 7:45PM |  |  |  |
| Monday, March 16, 2026                  | Project Management Tools – Bar Chart | 6:45PM - 7:45PM |  |  |  |
| Tuesday, March 17, 2026                 | Gantt Chart                          | 6:45PM - 7:45PM |  |  |  |
| Wednesday, March 18, 2026               | PERT -1                              | 6:45PM - 7:45PM |  |  |  |
| Thursday, March 19, 2026                | PERT -2                              | 6:45PM - 7:45PM |  |  |  |
| Friday, March 20, 2026                  | CPM - 1                              | 6:45PM - 7:45PM |  |  |  |
| Saturday, March 21, 2026                | CPM - 2                              | 6:45PM - 7:45PM |  |  |  |