

LESSON PLAN

| Period | Date | Topic | Unit No. | Teaching Methodology | Remarks | Assessment Action / Unit Review |
|--------|---------|------------------------------------------------------------------------------------------------|----------|----------------------|---------|---------------------------------|
| 1 | 11/1/19 | Introduction to wireless networking Differences between wireless & fixed telephone networks | I | Blended | | |
| 2 | 13/1/19 | Development of wireless networks | " | PPT | | |
| 3 | 14/1/19 | Traffic routing in wireless networks | " | " | | |
| 4 | 15/1/19 | wireless data services CDPD, ARDIS | " | " | | |
| 5 | 16/1/19 | ISDN, Common channel signaling | " | " | | |
| 6 | 17/1/19 | ISDN, B-ISDN | " | " | | |
| 7 | 18/1/19 | SS7, SS7 user part | " | " | | |
| 8 | 21/1/19 | Signaling traffic in SS7 | " | " | | |
| 9 | 22/1/19 | multiple access technique & MAC channels for wireless communication introduction | II | PPT | | |

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|--------|---------|----------------------------------------|----------|----------------------|---------|---------------------------------|
| 10 | 23/1/19 | TDMA | " | PPT | | |
| 11 | 24/1/19 | FDMA | " | " | | |
| 12 | 25/1/19 | CDMA, SSMA | " | " | | |
| 13 | 26/1/19 | Packet radio | " | " | | |
| | | Packet radio policy | " | " | | |
| 14 | 27/1/19 | CDMA protocols | " | " | | |
| | | Reservation protocols | " | " | | |
| 15 | 28/1/19 | MAC channels | " | " | | |
| 16 | 29/1/19 | MAC channel capacity with fading & ISI | " | " | | |
| 17 | 30/1/19 | Fundamentals | III | PPT | | |
| | | Concepts of Spread Spectrum | " | " | | |
| | | Systems Introduction | " | " | | |
| 18 | 31/1/19 | Pseudo noise sequence | " | " | | |
| | | Analysis of PNSS | " | " | | |
| 19 | 1/2/19 | Systems - SS | " | " | | |
| | | Processing gain | " | " | | |

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|--------|---------|--------------------------|----------|----------------------|---------|-------------------------------|
| 20 | 24/3/19 | Anti Jamming Mapping | " | PPT | | |
| 21 | 25/3/19 | FMSS | " | " | | |
| 22 | 26/3/19 | FMSS | " | " | | |
| 23 | 27/3/19 | Synchronization of | " | " | | |
| 24 | 28/3/19 | spectrum systems | " | " | | |
| 25 | 29/3/19 | Revision | " | " | | |
| 26 | 30/3/19 | Mobile IP and | IV | PPT | | |
| 27 | 31/3/19 | wireless access protocol | " | " | | |
| 28 | 1/4/19 | operation of mobile IP | " | " | | |
| | | Co-located address | " | " | | |
| 29 | 2/4/19 | Registration | " | " | | |
| 30 | 3/4/19 | Tunneling | " | " | | |
| | | WAP architecture | " | " | | |
| 31 | 4/4/19 | WAP service | " | " | | |
| 32 | 5/4/19 | WAP session protocol | " | " | | |
| 33 | 6/4/19 | wireless transaction | " | " | | |
| | | protocol | " | " | | |
| 34 | 7/4/19 | wireless Datagram | " | " | | |
| | | protocol | " | " | | |

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|--------|---------|------------------------|----------|----------------------|---------|-------------------------------|
| 35 | 8/5/19 | Introduction to | V | Blackboard & PPT | | |
| 36 | 9/5/19 | WLAN technology | " | " | | |
| 37 | 10/5/19 | Infrastructure LANs | " | " | | |
| 38 | 11/5/19 | Spread spectrum | " | " | | |
| | | LANs | " | " | | |
| 39 | 12/5/19 | Maximum bandwidth | " | " | | |
| 40 | 13/5/19 | microwave LANs | " | " | | |
| 41 | 14/5/19 | Bluetooth and | VI | Blackboard & PPT | | |
| 42 | 15/5/19 | Mobile Data | " | " | | |
| | | Network Introduction | " | " | | |
| 43 | 16/5/19 | Overview | " | " | | |
| 44 | 17/5/19 | Radio Specification | " | " | | |
| 45 | 18/5/19 | Baseband Specification | " | " | | |
| | | Link Manager | " | " | | |
| | | Specification | " | " | | |
| 46 | 19/5/19 | Logic Link | " | " | | |
| | | Control protocols | " | " | | |
| 47 | 20/5/19 | Adaptation protocol | " | " | | |
| 48 | 21/5/19 | Mobile data | " | " | | |

