

JULY

09

Monday

ADVANCED COMPUTER NETWORKS

2018

Week 28

190-175

⁹ TAUGHT BY

¹⁰ • prof. sujit gujar

¹¹ • prof. shatrughjay rawat

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COURSE TOPICS

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• review of network basics

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- IPv4

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- TCP

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- routing

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• telecom networks

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• multicast routing algorithms and protocols

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- IGMP

- PIM-SM/DM

- DVMRP

- IPv6

JUL
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2018

JULY

Week 28
191-174

Tuesday

10

- anycast

• routing algorithms in IPv6

• network monitoring

- SNMP

- RMON

- LDAP

- VLAN

- VPN-SSL

- IPsec

• firewall and IPS concepts

• network redundancy

• load balancers

• caching

• Storage networks

• VSAT

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AUGUST

JULY

11

Wednesday

2018

Week 28

192-173

• GSM / CDMA / WiMAX

• ad-hoc networks

• sensor networks

• related algorithms

• SDN

• network simulation

3 TEXT BOOKS

4 • RFC and standards documents

5 • communication networking - an analytical approach; anurag.

6 • TCP/IP illustrated; Stevens.

7 ~~data~~ data networks; bertsekas.

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