

WIRELESS AND ADHOC NETWORKS (CSL616)

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Instructor

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TA

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Class timing

- Lab: Friday (11.00 – 12.50)
- Theory:
 - Monday (10.00– 10.50)
 - Tuesday (11.00 – 11.50)
 - Wednesday (12.00 – 12.50)

Reference Books

- Guide to wireless ad hoc networks, S. Misra, I. Woungang and S. C. Misra (Eds.), Computer Communications and Networks Series.
- Opportunistic Mobile Networks: Advances and Applications, By S. Misra, B. K. Saha, S. Pal
- Ad Hoc Wireless Networks: Architectures and Protocols, By Murthy
- Wireless Sensor and /mobile Ad hoc Networks Vehicular and space applications, Editors: Benhaddou Driss, Al-Fuqaha Ala.

Course Outline

- Wireless sensor networks
- Delay tolerant networks
- Body area networks
- VANETs

Course Evaluation

- Mid-Sem (30%)
- End-Sem (30%)
- Lab Assignments (10%)
- Topic presentation (10%)
 - Group presentation
 - Paper review
 - Surprised test
- Term project (20%)
 - Implementation of existing protocols
 - Create your own protocol
 - Proposal, presentation and final report
 - Technical paper
- Tentative Pass mark: 40%

Course Policy