

NPTEL Video Lecture Topic List - Created by LinuXpert Systems, Chennai

NPTEL Video Course - Computer Science and Engineering - NOC:Wireless Ad Hoc and Sensor Networks

Subject Co-ordinator - Prof. Sudip Misra

Co-ordinating Institute - IIT - Kharagpur

Sub-Titles - Available / Unavailable | MP3 Audio Lectures - Available / Unavailable

Lecture 1 - Introduction
Lecture 2 - Introduction
Lecture 3 - Self-organizing Behaviour of Wireless Ad Hoc Networks
Lecture 4 - Cooperation in Mobile Ad Hoc Networks - Part-I
Lecture 5 - Cooperation in Mobile Ad Hoc Networks - Part-II
Lecture 6 - MAC Protocols in MANETs - Part-I
Lecture 7 - MAC Protocols in MANETs - Part-II
Lecture 8 - Routing in MANETs - Part-I
Lecture 9 - Routing in MANETs - Part-II
Lecture 10 - Routing in MANETs - Part-III
Lecture 11 - Multicasting in MANETs
Lecture 12 - Mobility Models for MANETs
Lecture 13 - Transport Protocols for MANETs - Part-I
Lecture 14 - Transport Protocols for MANETs - Part-II
Lecture 15 - Opportunistic Mobile Networks - Part-I
Lecture 16 - Opportunistic Mobile Networks - Part-II
Lecture 17 - Opportunistic Mobile Networks - Part-III
Lecture 18 - UAV Networks - Part-I
Lecture 19 - UAV Networks - Part-II
Lecture 20 - UAV Networks - Part-III
Lecture 21 - Introduction
Lecture 22 - Introduction
Lecture 23 - WSN Coverage and Placement - Part-I
Lecture 24 - Topology Mangement in Wireless Sensor Network
Lecture 25 - Mobile Wireless Sensor Networks
Lecture 26 - Mobile Wireless Sensor Networks
Lecture 27 - Medium Access Control in Wireless Networks - Part-I
Lecture 28 - Medium Access Control in Wireless Networks - Part-II
Lecture 29 - Routing in Wireless Sensor Networks - Part-I

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- Lecture 30 - Routing in Wireless Sensor Networks - Part-II
- Lecture 31 - Congestion and Flow Control - Part-I
- Lecture 32 - Congestion and Flow Control - Part-II
- Lecture 33 - Underwater Sensor Networks - Part-I
- Lecture 34 - Underwater Sensor Networks - Part-II
- Lecture 35 - Underwater Sensor Networks - Part-III
- Lecture 36 - Underwater Sensor Networks - Part-IV
- Lecture 37 - Security of Wireless Sensor Networks - Part-I
- Lecture 38 - Security of Wireless Sensor Networks - Part-II
- Lecture 39 - Hardware Design of Sensor Node
- Lecture 40 - Real Life Deployment of WSN