Code No: D4001

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
M.TECH II SEMESTER EXAMINATIONS, APRIL/MAY 2012
ADHOC AND SENSOR NETWORKS
(INFORMATION TECHNOLOGY)

Time: 3hours **Max.Marks:60**

Answer any five questions
All questions carry equal marks
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1. Explain the working of Position based routing algorithm with an example.

2. Compare Multicasting and Geocasting.

3. Discuss the function of TCP for an Ad Hoc Networks.

4. Explain the Physical layer of Sensor Networks.

5. How the Sensor Networks are formed in Mobile robots and explain the working of it?

6. What is secure routing and how is it achieved?

7. Write about the Sensor Network Programming Challenges.

8. How ns-2 Simulator is used to see the performance of Wireless network? Discuss a sample program.

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