R09

Code No: C5506

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
M.TECH I SEMESTER EXAMINATIONS APRIL/MAY-2012
WIRELESS LANS AND PANS
(EMBEDDED SYSTEMS)

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

Answer any five questions
All questions carry equal marks
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1.a) Discuss about the Design issues of Wireless Communications.
b) Describe the Wireless spectrum distribution and standards.

2. Explain the WLAN Components with neat diagrams.

3.a) Describe the WLAN Applications.
b) Write about Wireless Home Networking.

4. Explain the channel allocation in IEEE 802.11a with respect to U-NII frequency band.

5. Write about the WLAN Security and explain any one WLAN security Standard.

6. Explain the WPAN Challenges.

7. Write about the IEEE 802. 16 (WiMAX) standards.

8. Explain about the Cross Layer Design of Ad hoc Wireless Networks.

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