	5.2	Pulsed UWB: Pulse shape, Modulation & Multiple access techniques, Pulsed UWB transceivers,	
	5.3	Multiband UWB: Modulation of pulsed multiband UWB, MB-OFDM UWB	
6.0		**Femtocells**	**04**
	6.1	Introduction to Femtocell, Femtocell Attributes, Femtocell Standards,	
	6.2	Concept of Femtocells, Types of Femtocells	
	6.3	Applications of Femtocells.	
		Total	

Text Books & References :

1. Carlos de Morais Cordeiro, Dharma Prakash Agrawal, "AD HOC & Sensor Networks – Theory & Applications ", Cambridge University Press India Pvt. Ltd.
2. KE- LIN DU & M. N. S. Swamy, "Wireless Communication Systems", Cambridge University Press India Pvt. Ltd.
3. D. E. Comer, "Femtocells- Opportunity & Challenges for Business & Technology", Wiley Publications.
4. Dr. Sunilkumar S. Manvi, Mahabaleshwar S. kakkasageri, "Wireless & Mobile Networks: Concepts and Protocols".

Internal Assessment:
Assessment consists of two class tests of 20 marks each. The first class test is to be conducted when approximately 40% syllabus is completed and second class test when additional 40% syllabus is completed. The average marks of both the test will be considered for final Internal Assessment. Duration of each test shall be of one hour.

End Semester Examination:
1. Question paper will comprise of 6 questions, each carrying 20 marks.
2. The students need to solve total 4 questions.
3. Question No.1 will be compulsory and based on entire syllabus.
4. Remaining question (Q.2 to Q.6) will be selected from all the modules.