

GUJARAT TECHNOLOGICAL UNIVERSITY

B.Pharm
SEMESTER: VII

Subject Name: Innovations in Conventional Drug Delivery System

Subject Code: 2270016

Teaching Scheme				Evaluation Scheme			
Theory	Tutorial	Practical	Total	Theory		Practical	
				External	Internal	External	Internal
3	0	0	3	80	20	0	0

No	Course Content	Hrs
1	Innovation in Tablets (Fast dispersible tablet, matrix tablet, orodispersible tablet, sublingual tablet, soluble tablet, osmotic tablet etc)	10
2	Innovations in capsules (capsule shell and fill materials)	5
3	Innovations in pelletization and pellets	3
4	Innovations in semisolids	3
5	Innovations in parenterals including pre-filled syringes	6
6	Innovations in ophthalmic drug delivery	5
7	Innovations in aerosols drug delivery	4
8	Innovations in solutions	3
9	Innovations in disperse systems (suspensions and emulsions)	6

References Books:

1. Novel drug delivery systems. Y. W. Chein
2. Novel drug delivery system. N.K. Jain and others.
3. Novel drug delivery system. R. K. Khar and others.
4. Current updates available from web resources.