

Course Number and Name												
BCE066 - PREFABRICATION AND CONSTRUCTION TECHNIQUES												
Credits and Contact Hours												
3 & 45												
Course Coordinator's Name												
Mr.P.Dayakar												
Text Books and References												
<ul style="list-style-type: none"> • REFERENCES: • Levitt. M., Precast concrete - Materials, Manufacture Properties and Usage, Applied Science Publs. 1982, • Konex.T., Handbook of Pre-cast Construction, Vol.1.2&3. • Richardson,J.G., Pre-cast concrete Production, Cement and Concrete Association, London, 1973. • Madhava Rao.A-G., Modern Trends in Housing in Developing Countries, Oxford & UBH Publishing co., 1985. - • Lewicki.B., Building with Large Pre-fabrications, Elsevier Publishers. • Large Panel Prefabricated Constructions, Proc. of Advance Course conducted by SERC, Madras. • Bruggeling.A.S.G., & Huyghe.G.F., Prefabrication with Concrete, A.s.A., Balkema Publishers, Netherland, 1991. 												
Course Description												
<ul style="list-style-type: none"> • To bring about an understanding of the prefabrication and construction techniques adopted 												
Prerequisites						Co-requisites						
Building Construction Technology						NIL						
required, elective, or selected elective (as per Table 5-1)												
Course Outcomes (COs)												
CO1	Know the standardization and tolerances-system for prefabrication											
CO2	Understand the Pre-casting and handling techniques											
CO3	Know the Curing techniques including accelerated curing.											
CO4	Know the Pre-cast and pre-fabricating technology for low cost and mass housing schemes.											
CO5	Understand the Repairs and economical aspects on prefabrication											
Student Outcomes (SOs) from Criterion 3 covered by this Course												
	COs/SOs	a	b	c	d	e	f	g	h	i	j	k
	CO1	M		M		H				L		
	CO2	M		M		H						
	CO3	M		M		H						
	CO4	M		M		H						
	CO5	M		M		H						
List of Topics Covered												

