

AR-204

CODE	SUBJECT	CREDITS
AR-204	BUILDING MATERIALS -II	02
FOCUS		
	Advanced materials used in construction of Buildings.	
CONTENT		
	-Concrete & R.C.C. -ferrocement Metal - ferrous and non – ferrous - iron, steel, market forms of steel, aluminium, copper. Glass-types of glass & their properties. P.v.c., fiber glass, poly carbonate and various plastic products. Composite materials. Advanced building materials. Recycled material	
METHODOLOGY		
	Theory in the class with given assignments and practice questions, sketching And drawing, in class - interactions, case studies & final exam and final submission of class works.	
REFERENCES:		
	Engineering Materials – <i>S.C. Rangwala</i> (course book) Building Materials – <i>B.C. Punamia</i> (Additional Reference) Time Savers Standards – Building Materials and Systems – <i>Donald Watson</i> (Advanced Reference)	