

<b>GANPAT UNIVERSITY</b>									
<b>FACULTY OF ENGINEERING &amp; TECHNOLOGY</b>									
Programme		Bachelor of Technology			Branch/Spec.		Civil Engineering		
Semester		VII			Version		2.0.0.0		
Effective from Academic Year			2016-17		Effective for the batch Admitted in			2014-15	
Subject code		2CI702		Subject Name		<b>PROFESSIONAL PRACTICE AND VALUATION</b>			
Teaching scheme					Examination scheme (Marks)				
(Per week)	Lecture(DT)		Practical(Lab.)		Total		CE	SEE	Total
	L	TU	P	TW					
Credit	4		1		4	Theory	40	60	100
Hours	4		2		5	Practical	35	15	50
Pre-requisites:									
ESTIMATING & COSTING									
Learning Outcome:									
After Completion of the Curriculum of this subject students can able to understand what mean by contract and students get awareness about tendering system which is most important in civil engineering, the main part of this subject is valuation which gives the exact value of the property.									
Theory syllabus									
Unit	Content								Hrs
1	<b>Office Practice:</b> Organizational set up, working of professional firms, office procedure, construction contracts, legal aspects, professional charges, role of builder and contractor.								2
2	<b>Tendering and Contracting:</b> Tender and tendering process, types of tenders, contract, Principles of contracting, types, scope of contract, contract documents, condition of contract, execution of work, improper work and defects, time extension, liquidated damages, contract breach, certificates and payments, duties and liabilities, e-tendering.								16
3	<b>Arbitration &amp; Easement:</b> The purpose of arbitration, the powers and duties of arbitrator, Arbitration and building contract, Types of Arbitration, Fire insurance, easement characteristics, types.								3
4	<b>Valuation :</b> Definition ,Market value, freehold & leasehold , sinking fund, depreciation methods of valuation, The rental method of valuation, Land and building bases development methods of valuation								7
5	<b>P.W.D Accounts and Procedure of works :</b> Organization set up, Classification of work, Execution of work, book keeping, Measurement								4

	book, Store procedure, Mode of payments, Public works accounting system.	
6	<b>Entrepreneurship development :</b> Concept need and scope of entrepreneurship, characteristic of entrepreneurship, Forms of business organization.	3
7	<b>IPR and Patent Act:</b> Importance and scope, forms of IPR, patents, copy rights, trademarks, relevant acts.	3
Practical content		
<b>Practical/Tutorial/Drawing/Sketching :</b> Based on the theory course prescribed as above.		
Text Books		
1	Dutta. B.N., “Estimating & Costing in Civil Engineering”, UBS publishers, Bombay, 1996	
Reference Books		
1	Patil B.S., “Civil Engineering Contracts”, Vol.- I, Orient Longman publication, 1998.	
2	RashanNanavati, “Professional Practice”, Lakhani book Depot, Mumbai	