

Textbooks for II Year IV Sem (Civil Engineering) 2019-2020				
SN	Course	Title	Author	Call no
1	Engineering Mathematics – IV	Probability and Statistics for Engineers and Scientists	Ronald .E. Walpole, Raymond. H. Myers, Sharon. L Myers, and Keying E.Ye	519.2 WAL
		Numerical Methods for Scientific and Engineering Computations (6th Ed.)	M.K. Jain, S.R.K. Iyengar and R.K. Jain	518 JAI
		Advanced Engineering Mathematics (10 Ed.)	Erwin Kreyszig	510 KRE
2	Structural Analysis-I	Structural Analysis	T.S. Thandavamoorthy	624.17 GAM
		Basic Structural Analysis	C.S. Reddy	624.17 RED
		Theory of Structures	S. Ramamrutham, R. Narayan,	624.1 RAM
		Structural Analysis – Vol 1	S S Bhavikatti	624.17 BHA
3	Geotechnical Engineering	Basic and applied soil Mechanics	Gopal Ranjan and Rao A.S.R	624.15136 RAN
4	Highway Engineering	Highway Engineering	Khanna, S.K and Justo, C.E.G., Nem Chand and Bros	625.7 KAN
5	Water Resources Systems	Engineering Hydrology	Subrahmanya, K	551.48 SUB
6	Engineering Geology Lab	Engineering Geology Lab Manual	Presidency University	
Textbooks for II Year IV Sem (Computer Science Engineering) 2019-2020				
SN	Course	Title	Author	Call no
1	Engineering Mathematics – IV	Advanced Engineering Mathematics (10 Ed.)	Erwin Kreyszig	510 KRE
		Numerical Methods for Scientific and Engineering Computations (6th Ed.)	M.K. Jain, S.R.K. Iyengar and R.K. Jain	518 JAI
		Probability and Statistics for Engineers and Scientists (9th Ed.)	Ronald .E. Walpole, Raymond. H. Myers, Sharon. L Myers, and Keying E.Ye	519.2 WAL
2	Computer Organization and Architecture	Computer Organisation and Embedded systems	Cart Hamacher,Vranesky and zaky	004.22 CAR
		Computer Organization and Design	Patterson, Hennessy	004.22 PAT
3	Microprocessor and Microcontrollers	Intel microprocessor 8086/ 8088	Barry B Brey	004.165 BRE
		Microprocessors and Interfacing, Programming and Hardware	Douglas V Hall	
4	Database Management Systems	Database System Concepts	Silberschatz A, Korth H F and Sudarshan S	005.74 SIL
5	Object Oriented Programming	CORE JAVA volume I-Fundamentals	Cay S Horstmann and Cary Gornell	006.76 HOR
		CORE JAVA volume II-Advanced Features	Cay S Horstmann and Cary Gornell	006.76 HOR
6	Graph Theory and Combinatorics	Discrete Mathematics	K H Rosen	511.1 ROS
7	Database Management Systems Lab	Fundamentals of Database System	Elmasri R and Navathe S B	005.74 ELM
8	Microprocessors and Micro-Controllers Lab	Microprocessors and Microcontrollers	Muhammad Ali Mazidi	004.165 MAZ
		Microprocessors and Interfacing, Programming and Hardware	Douglas V Hall	

Textbooks for III Year VI Sem (Computer Science Engineering) 2019-2020				
SN	Course	Title	Author	Call no
1	Object Oriented Analysis and Design	Object Oriented Systems Analysis and Design using UML	Simon Bennett, Steve McRobb, Ray Farmer	005.117 BEN
2	Cryptography and Network Security	Cryptography and Network Security - Principles and Practices	William Stallings	005.82 STA
		Introduction to Cryptography With Coding Theory	Wade Trappe, Lawrence C Washington	005.82 TRA
3	Compiler Design	Compilers: Principles, Techniques and Tools	Alfred V. Aho, Jeffrey D Ullman	005.453 AHO
		Compiler Construction Principles and Practice	Dhamdhere, D. M	
		Internet and World Wide Web – How to program	Deitel, Deitel and Nieto	005.276 DEI
		Java Network Programming	Elliotte Rusty Harold	006.76 HAR
4	Network Programming Lab	Unix Network Programming, Vol-I Networking APIS : Sockets and XTI	Stevens, R.W	005.71 STE
		Unix Network Programming: Vol-II Inter Process Communications	Stevens, R.W	005.71 STE
Textbooks for II Year III Sem (Electrical Electronics Engineering) 2019-2020				
SN	Course	Title	Author	Call no
1	Engineering Mathematics IV	Numerical Methods for Scientific and Engineering Computations	M.K. Jain, S.R.K. Iyengar and R.K. Jain	518 JAI
		Introductory methods of numerical analysis (5th Ed.)	S.S. Sastry	518.6 SAS
		Probability and Statistics for Engineers and Scientists (9th Ed.)	Walpole R. E., Myers R. H., Myers S. L. and Ye K.E	519.2 WAL
2	Electromagnetic Theory	Field and Wave Electromagnetics	Cheng, David K	621.34 CHE
3	Linear Integrated Circuits	Analog Electronics	Maheshwari L. K. and Anand M. M. S	621.3815 MAH
4	Microprocessor Programming and Interfacing	Intel Microprocessors	Brey B. B	004.165 BRE
5	Electrical Machines – I	Electric Machines	Nagrath, I. J., and D P Kothari	621.31042 KOT
6	Linear Integrated Circuits Lab	Linear Integrated Circuits Lab Manual	Presidency University	
7	Electrical Machines Lab - I	Electrical Machines Lab - I Manual	Presidency University	
8	Microprocessor Programming and Interfacing Lab	Microprocessor Programming and Interfacing Lab Manual	Presidency University	
9	Being Corporate Ready	Being Corporate Ready	Presidency University	

Textbooks for II Year IV Sem (Electrical and Communication Engineering) 2019-2020

SN	Course	Title	Author	Call no
1	Engineering Mathematics IV	Numerical Methods for Scientific and Engineering Computations	M.K. Jain, S.R.K. Iyengar and R.K. Jain	518 JAI
		Introductory methods of numerical analysis (5th Ed.)	S.S. Sastry	518.6 SAS
		Probability and Statistics for Engineers and Scientists (9th Ed.)	Walpole R. E., Myers R. H., Myers S. L. and Ye K.E	519.2 WAL
2	Electromagnetic Theory	Field and Wave Electromagnetics	Cheng, David K	621.34 CHE
3	Microprocessor Programming and Interfacing	The Intel Microprocessors	Brey B. B	004.165 BRE
	Digital Signal Processing	Discrete-Time Signal Processing	A. V. Oppenheim and R. W. Shafer	621.3822 OPP
4	Linear Integrated Circuits Lab	Linear Integrated Circuits Lab Manual	Presidency University	
5	Digital Signal Processing Lab	Digital Signal Processing Lab Manual	Presidency University	
6	Microprocessor Programming and Interfacing Lab	Microprocessor Programming and Interfacing Lab Manual	Presidency University	
7	Being Corporate Ready	Being Corporate Ready	Presidency University	

Textbooks for II Year IV Sem (Mechanical Engineering) 2019-2020

SN	Course	Title	Author	Call no
1	Engineering Mathematics IV	Numerical Methods for Scientific and Engineering Computations	M.K. Jain, S.R.K. Iyengar and R.K. Jain	518 JAI
		Introductory methods of numerical analysis (5th Ed.)	S.S. Sastry	518.6 SAS
		Probability and Statistics for Engineers and Scientists (9th Ed.)	Walpole R. E., Myers R. H., Myers S. L. and Ye K.E	519.2 WAL
2	Production Techniques - I	Manufacturing Technology – Vol. 2	P N Rao	670 RAO
3	Kinematics of Machines	Theory of Machines	S. S. Rattan	621.8 RAT
4	Metrology and Mechanical Measurements	Metrology and Measurement	Bewoor Anand K, Kulkarni Vinay A,	620.0044 BEW
5	Applied Thermodynamics	Applied Thermodynamics for Engineering Technologists	D. Eastop	621.4021 EAS
6	Metallography and Materials Testing Lab	Metallography and Materials Testing Lab Manual	Presidency University	
7	Machine Shop Practice	Machine shop Lab Manual	Presidency University	
8	Metrology and Mechanical Measurements Lab	Metrology and Measurement Lab Manual	Presidency University	
9	Being Corporate Ready	Being Corporate Ready	Presidency University	

Textbooks for II Year IV Sem (Petroleum Engineering) 2019-2020

SN	Course	Title	Author	Call no
1	Engineering Mathematics IV	Numerical Methods for Scientific and Engineering Computations	M.K. Jain, S.R.K. Iyengar and R.K. Jain	518 JAI
		Introductory methods of numerical analysis (5th Ed.)	S.S. Sastry	518.6 SAS
		Probability and Statistics for Engineers and Scientists (9th Ed.)	Walpole R. E., Myers R. H., Myers S. L. and Ye K.E	519.2 WAL
2	Well Logging and Formation Evaluation	Well logging and Formation Evaluation (1st Ed.)	Toby Darling	622.1828072 DAR
		Fundamentals of Well log Interpretation-1. The acquisition of logging data	Serra.O	
3	Heat, Mass and Momentum Transfer	Unit Operations of Chemical Engineering (7th Ed.)	W.L.McCabe, J.C.Smith & Peter Harriot	660.284 McC
4	Fundamentals of Drilling Engineering	Oil Well Drilling Technology	Deepak Sharma	622.3381 SHA
5	Fundamentals of Reservoir Engineering	Petroleum Reservoir Rock and Fluid Properties	Abhijit Y. Dandekar	
6	Heat and Mass Transfer Lab	Heat and Mass Transfer Lab Manual	Presidency University	
7	Reservoir Engineering Lab	Reservoir Engineering Lab Manual	Presidency University	
		Petroleum Reservoir Rock and Fluid Properties	Abhijit Y. Dandekar	
		Petrophysics - Theory and Practice of Measuring Reservoir Rock and Fluid Transport Properties	Djebbar Tiab Erle C. Donaldson	553.28 TRI
8	Being Corporate Ready	Personality Development Training Manual-III		