

BIJU PATNAIK UNIVERSITY OF TECHNOLOGY, ORISSA

INFORMATION TECHNOLOGY (IT)

7 th Semester					8 th Semester				
Code	Theory Subject	Contact Hours		Credit	Code	Theory Subject	Contact Hours		Credit
		L-T-P					L-T-P		
HSSM3401	Entrepreneurship Development	3-0-0		3	HSSM3402	Environmental Engineering	3-0-0		3
PCIT4401	Principles of Soft Computing	3-0-0		3					
PCIT4402	Software Project Management	3-0-0		3					
	Professional Elective-III (Any one)	3-0-0		3		Professional Elective-V(Any one)	3-0-0		3
PECS5401	Artificial Intelligence				PECS5407	Wireless Sensor Networks			
PECS5403	Real Time Systems				PECS5406	Digital Image Processing			
PEIT5401	Software Testing				PECS5408	Embedded System Development			
	Professional Elective-IV (Any one)					Professional Elective-VI(Any one)	3-0-0		3
PECS5402	Cryptography & Network Security				PEIT5402	Ubiquitous Computing			
PCCS4401	Computer Graphics				PECS5410	Algorithm for Bio-Informatics			
PECS5404	Advanced Computer Architecture				PEIT5403	Multimedia Systems			
	Free Elective-III (Any one)					Free Elective-IV (Any One)	3-0-0		3
FECS6401	Introduction to Digital Signal Processing				PEEC5418	Satellite Comm. Systems			
PCEC4401	VLSI Design				PEEI5405	MEMS			
PEEC5417	Digital Switching & Telecommunication Networks	3-0-0		3	PCBM4402	Medical Imaging Techniques			
PEEC5416	Biomedical Instrumentation					Free Elective-V (Any One)	3-0-0		3
					PEEI5404	Analog VLSI Design			
					PEME5407	Mechatronics			
					PEEI5403	Industrial Instrumentation			
						Theory Credits			15
	Practical / Sessional					Practical / Sessional			
PCIT7401	Minor Project			3	PCIT7403	Major Project			6
PCIT7402	Seminar			2	PCIT7404	Comprehensive Viva voce			2
	Practical/Sessional Credits			5		Practical/Sessional Credits			8
	TOTAL SEMESTER CREDITS			23		TOTAL SEMESTER CREDITS			23
	TOTAL CUMULATIVE CREDITS			181		TOTAL CUMULATIVE CREDITS			204

ENTREPRENEURSHIP DEVELOPMENT