

## <mark>भारतीय प्रौद्योगिकी संस्थान पटना</mark> Indian Institute of Technology Patna Transcript



Roll No: 0401CS01

Name: Marsiella Gourlay Year of Admission: 2004

**Programme: Bachelor of Technology** 

**Course: Computer Science and Engineering** 

Sub	Course Name	CRD	GRD		
CH101	Chemistry - I 3-1-0 8				
CH110	Chemistry Laboratory 0-0-3 3			BC	
EE101	Electrical Sciences	3-1-0	3-1-0 8 BI		
HS101	English: Language Through Literature	3-0-0	6	BB	
MA101	Mathematics - I 3-1-0 8		8	BB	
ME111	Engineering Drawing	2-0-3	7	AB	
PH101	Physics - I	2-1-0	6	CC	
PH110	Physics Laboratory	0-0-3	-3 3 AA		

Total Credits: 49 Credits cleared: 49 SPI: 7.96 CPI: 7.96

Sub	Course Name	L-T-P	CRD	GRD
CS204	Algorithms	6	BB	
CS222	Computer Organization and Architecture	6	CC	
CS223	Hardware Laboratory 0-0-3 3		3	BB
CS241	Software Engineering 2-0-3 7		7	AB
CS242	Systems Programming Laboratory 0-1-3 5			
HS202	Introductory Macroeconomics	3-0-0 6		BB
MA225	Probability Theory and Random Processes 3-1-0 8		8	BB
MA251	Optimization Techniques 3-0-0 6		BB	

Total Credits: 47 Credits cleared: 47 SPI: 8.0 CPI: 7.71

Sub	Course Name L-T-P CRD					
CS400	Summer Training 0-0-0 2					
CS421	Computer Peripherals and Interfacing 3-0-0 6					
CS422	Peripherals and Interfacing Lab 0-1-3 5		5	BB		
CS443	Distributed Systems 3-0-0 6			AB		
CS461	Artificial Intelligence	3-0-0 6 B		BB		
CS498	Project - I	0-0-10	10	AA		
MA410	Graphs, Groups and Network	3-0-0	6	AB		

Total Credits: 41 Credits cleared: 41 SPI: 8.68 CPI: 7.81

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Sub	Course Name	L-T-P	CRD	GRD
CH102	Chemistry - II	6	CC	
CS101	Introduction to Computing	6	BC	
CS110	Computing Laboratory 0-0-3 3			
EE102	Basic Electronics Laboratory 0-0-4 4		4	BB
MA102	Mathematics - II	3-1-0	8	BC
ME101	Engineering Mechanics	3-1-0	8	BC
ME110	Workshop - I 0-0-3 3		3	AB
PH102	Physics - II	2-1-0	6	CD

Total Credits: 44 Credits cleared: 44 SPI: 6.82 CPI: 7.42

Sub	Course Name L-T-P CRD					
CS301	Formal Language and Automata 3-0-0 6					
CS331	Programming Language 3-0-2 8		8	BC		
CS341	Operating Systems	3-0-0	6 BB			
CS342	Operating Systems Laboratory 0-1-3 5		5	AB		
CS343	Data Communications	3-0-0	6 BB			
CS344	Databases	3-0-0	0 6 BB			
CS345	Databases Laboratory	0-1-3	0-1-3 5 BB			

Total Credits: 42 Credits cleared: 42 SPI: 7.93 CPI: 7.75

Sub	Course Name	L-T-P	CRD	GRD
CS452	Internet Protocols	3-0-0	6	BB
CS453	Wireless Sensor Networks	3-0-0	6	AA
CS499	Project - II	0-0-16	16	AA
HS441	Industrial and Organizational Psychology	3-0-0	6	BB
MA412	Matrix Computation	3-0-0	6	BC

Total Credits: 40 Credits cleared: 40 SPI: 8.95 CPI: 7.94

Sub	Course Name L-T-P CRD G					
CS201	Object Oriented Programming and Data Structures 3-0-3 9			BB		
CS203	Discrete Mathematics	Discrete Mathematics 3-0-0 6		BB		
CS221	Digital Design 3-0-0 6		6	BB		
EE220	Signal, System and Networks 3-1-0 8		BB			
HS201	Introductory Microeconomics	3-0-0	6	BB		
MA201	Mathematics - III 3-1-0 8		BB			

Total Credits: 43 Credits cleared: 43 SPI: 8.0 CPI: 7.6

Sub	Course Name	CRD	GRD		
CS302	Theory of Computation 3-0-0 6				
CS346	Compilers 3-0-0 6		6	BC	
CS347	Compliers Laboratory	0-0-3	3	BB	
CS348	Computer Networks	3-0-2	8	BC	
CS362	Computer Graphics	3-0-2	8	CC	
CS399	Seminar	0-0-3	3	AA	
HS331	Sociology of Development	3-0-0	6	BB	

Total Credits: 40 Credits cleared: 40 SPI: 7.25 CPI: 7.67



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**Assitant Registrar**