

भारतीय प्रोद्योगिकी संस्थान पटना Indian Institute of Technology Patna Transcript



Roll No: 0401CS35 Name: Amelia Jonas Year of admission: 2019 Programme: Bachelor of Technology **Course: Computer Science and Engineering**

Semester 1

Sub. Code	Subject Name	L-T-P	CRD	GRD
CH101	Chemistry - I	3-1-0	8	10
CH110	Chemistry Laboratory	0-0-3	3	8
EE101	Electrical Sciences	3-1-0	8	8
HS101	English : Language Through Literature	3-0-0	6	8
MA101	Mathematics - I	3-1-0	8	9
ME111	Engineering Drawing	2-0-3	7	9
PH101	Physics - I	2-1-0	6	10
PH110	Physics Laboratory	0-0-3	3	10
Credits Taken: 49 Credits Cleared: 49 SPI: 9.0 CPI: 9.0				

Semester 2				
Sub. Code	Subject Name	L-T-P	CRD	GRD
CH102	Chemistry - II	3-0-0	6	10
CS101	Introduction to Computing	3-0-0	6	9
CS110	Computing Laboratory	0-0-3	3	8
EE102	Basic Electronics Laboratory	0-0-4	4	7
MA102	Mathematics - II	3-1-0	8	10
ME101	Engineering Mechanics	3-1-0	8	9
ME110	Workshop - I	0-0-3	3	9
PH102	Physics - II	2-1-0	6	10

Credits Taken: 44 Credits Cleared: 44 SPI: 9.2 CPI: 9.09

Sub. Code	Subject Name	L-T-P	CRD	GRD
CS201	Object Oriented Programming and Data Structures	3-0-3	9	9
CS203	Discrete Mathematics	3-0-0	6	9
CS221	Digital Design	3-0-0	6	9
EE220	Signal, System and Networks	3-1-0	8	8
HS201	Introductory Microeconomics	3-0-0	6	9
MA201	Mathematics - III	3-1-0	8	10

<u>S</u>	е	m	e	S	te	er	4

Sub. Code	Subject Name	L-T-P	CRD	<u>GRD</u>
CS204	Algorithms	3-0-0	6	8
CS222	Computer Organization and Architecture	3-0-0	6	9
CS223	Hardware Laboratory	0-0-3	3	9
CS241	Software Engineering	2-0-3	7	10
CS242	Systems Programming Laboratory	0-1-3	5	10
HS202	Introductory Macroeconomics	3-0-0	6	10
MA214	Introduction to Computational Topology	3-0-0	6	10
MA225	Probability Theory and Random Processes	3-1-0	8	9
Credits Taken: 47 C	redits Cleared: 47 SPI: 9.38 CPI: 9.15			

			Seme
)	CRD	GRD	
	6	8	
	6	9	
	3	9	
	7	10	
	5	10	
	6	10	
	6	10	
	8	9	Credi

Semester 5					
Sub. Code	Subject Name	L-T-P	CRD	GRD	
CS301	Formal Language and Automata	3-0-0	6	9	
CS331	Programming Language	3-0-2	8	9	
CS341	Operating Systems	3-0-0	6	10	
CS342	Operating Systems Laboratory	0-1-3	5	9	
CS343	Data Communications	3-0-0	6	10	
CS344	Databases	3-0-0	6	10	
CS345	Databases Laboratory	0-1-3	5	10	
Credits Taken: 42 C	redits Cleared: 42 SPI: 9.55 CPI: 9.22				

Semester 6				
Sub. Code	Subject Name	L-T-P	CRD	GRD
CS302	Theory of Computation	3-0-0	6	9
CS346	Compilers	3-0-0	6	10
CS347	Compliers Laboratory	0-0-3	3	10
CS348	Computer Networks	3-0-2	8	10
CS362	Computer Graphics	3-0-2	8	8
CS399	Seminar	0-0-3	3	8
HS331	Sociology of Development	3-0-0	6	9
Credits Taken: 40 C	redits Cleared: 40 SPI: 9.15 CPI: 9.21		1	1

Sub. Code	Subject Name	L-T-P	CRD	GRI
CS400	Summer Training	0-0-0	2	10
CS421	Computer Peripherals and Interfacing	3-0-0	6	9
CS422	Peripherals and Interfacing Lab	0-1-3	5	10
CS441	Topics in Databases	3-0-0	6	9
CS461	Artificial Intelligence	3-0-0	6	10
CS498	Project - I	0-0-10	10	10
MA410	Graphs, Groups and Network	3-0-0	6	10

Semester 8				
Sub. Code	Subject Name	L-T-P	CRD	GRD
CS449	Computer and Network Security	3-0-0	6	9
CS452	Internet Protocols	3-0-0	6	10
CS499	Project - II	0-0-16	16	10
HS441	Industrial and Organizational Psychology	3-0-0	6	9
MA412	Matrix Computation	3-0-0	6	9
Credits Taken: 40 Credits Cleared: 40 SPI: 9.55 CPI: 9.31			•	

Date of issue:	Assistant Registrar (Academic)