

# भारतीय प्रोद्योगिकी संस्थान पटना Indian Institute of Technology Patna Transcript



Roll No: 0401CS09 Name: Amelia Jonas Year of admission: 2019
Programme: Bachelor of Technology Course: Computer Science and Engineering

## Semester 1

			1	
Sub. Code	Subject Name	L-T-P	CRD	<u>GRD</u>
CH101	Chemistry - I	3-1-0	8	7
CH110	Chemistry Laboratory	0-0-3	3	8
EE101	Electrical Sciences	3-1-0	8	6
HS101	English : Language Through Literature	3-0-0	6	8
MA101	Mathematics - I	3-1-0	8	6
ME111	Engineering Drawing	2-0-3	7	7
PH101	Physics - I	2-1-0	6	6
PH110	Physics Laboratory	0-0-3	3	9
Credits Taken: 49	redits Cleared: 49 SPI: 6.86 CPI: 6.86		1	1

#### Semester 2

Semester 2				
Sub. Code	Subject Name	L-T-P	CRD	GRD
CH102	Chemistry - II	3-0-0	6	6
CS101	Introduction to Computing	3-0-0	6	5
CS110	Computing Laboratory	0-0-3	3	7
EE102	Basic Electronics Laboratory	0-0-4	4	7
MA102	Mathematics - II	3-1-0	8	7
ME101	Engineering Mechanics	3-1-0	8	5
ME110	Workshop - I	0-0-3	3	8
PH102	Physics - II	2-1-0	6	5
Credits Taken: 44 Cr	redits Cleared: 44 SPI: 6.02 CPI: 6.46			

## Semester 3

Sub. Code	Subject Name	L-T-P	CRD	GRD
CS201	Object Oriented Programming and Data Structures	3-0-3	9	7
CS203	Discrete Mathematics	3-0-0	6	9
CS221	Digital Design	3-0-0	6	7
EE220	Signal, System and Networks	3-1-0	8	6
HS201	Introductory Microeconomics	3-0-0	6	7
MA201	Mathematics - III	3-1-0	8	7
Credits Taken: 43	Credits Cleared: 43 SPI: 7.09 CPI: 6.66		•	

#### Semester 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	5
CS223	Hardware Laboratory	0-0-3	3	7
CS241	Software Engineering	2-0-3	7	7
CS242	Systems Programming Laboratory	0-1-3	5	9
HS211	Literature: Voices and Culture	3-0-0	6	8
MA225	Probability Theory and Random Processes	3-1-0	8	6
MA251	Optimization Techniques	3-0-0	6	7
Credits Taken: 47 C	redits Cleared: 47 SPI: 7.04 CPI: 6.76			•

## 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	7
CS341	Operating Systems	3-0-0	6	8
CS342	Operating Systems Laboratory	0-1-3	5	8
CS343	Data Communications	3-0-0	6	8
CS344	Databases	3-0-0	6	6
CS345	Databases Laboratory	0-1-3	5	8
Credits Taken: 42 C	redits Cleared: 42 SPI: 7.67 CPI: 6.93		1	

## Semester 6

Sub. Code	Subject Name	L-T-P	CRD	GRD
CS302	Theory of Computation	3-0-0	6	7
CS346	Compilers	3-0-0	6	8
CS347	Compliers Laboratory	0-0-3	3	9
CS348	Computer Networks	3-0-2	8	7
CS362	Computer Graphics	3-0-2	8	7
CS399	Seminar	0-0-3	3	9
HS331	Sociology of Development	3-0-0	6	8
Credits Taken: 40 C	redits Cleared: 40 SPI: 7.6 CPI: 7.03			

# Semester 7

Sub. Code	Subject Name	L-T-P	CRD	<u>GRD</u>
CS400	Summer Training	0-0-0	2	9
CS421	Computer Peripherals and Interfacing	3-0-0	6	6
CS422	Peripherals and Interfacing Lab	0-1-3	5	8
CS443	Distributed Systems	3-0-0	6	8
CS461	Artificial Intelligence	3-0-0	6	9
CS498	Project - I	0-0-10	10	9
MA410	Graphs, Groups and Network	3-0-0	6	9
Credits Taken: 41 Cr	redits Cleared: 41 SPI: 8.29 CPI: 7.2		1	

## Semester 8

Sub. Code	Subject Name	L-T-P	CRD	GRD
CS452	Internet Protocols	3-0-0	6	6
CS453	Wireless Sensor Networks	3-0-0	6	8
CS499	Project - II	0-0-16	16	8
HS441	Industrial and Organizational Psychology	3-0-0	6	9
MA412	Matrix Computation	3-0-0	6	7
Credits Taken: 40 C	redits Cleared: 40 SPI: 7.7 CPI: 7.26		1	•

Date of issue: \_\_\_\_\_ Assistant Registrar (Academic)