

# भारतीय प्रोद्योगिकी संस्थान पटना Indian Institute of Technology Patna Transcript



Roll No: 0401CS08 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	8
CH110	Chemistry Laboratory	0-0-3	3	10
EE101	Electrical Sciences	3-1-0	8	8
HS101	English : Language Through Literature	3-0-0	6	9
MA101	Mathematics - I	3-1-0	8	8
ME111	Engineering Drawing	2-0-3	7	8
PH101	Physics - I	2-1-0	6	10
PH110	Physics Laboratory	0-0-3	3	10
Credits Taken: 49	Credits Cleared: 49 SPI: 8.61 CPI: 8.61			•

#### Semester 2

Semester Z				
Sub. Code	Subject Name	L-T-P	CRD	GRD
CH102	Chemistry - II	3-0-0	6	9
CS101	Introduction to Computing	3-0-0	6	6
CS110	Computing Laboratory	0-0-3	3	8
EE102	Basic Electronics Laboratory	0-0-4	4	8
MA102	Mathematics - II	3-1-0	8	9
ME101	Engineering Mechanics	3-1-0	8	8
ME110	Workshop - I	0-0-3	3	10
PH102	Physics - II	2-1-0	6	8
Credits Taken: 44 C	redits Cleared: 44 SPI: 8.18 CPI: 8.41			

#### Semester 3

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	10
CS221	Digital Design	3-0-0	6	9
EE220	Signal, System and Networks	3-1-0	8	10
HS201	Introductory Microeconomics	3-0-0	6	9
MA201	Mathematics - III	3-1-0	8	9
Credits Taken: 43	Credits Cleared: 43 SPI: 9.33 CPI: 8.7		1	'

#### Semester 4

Sub. Code	Subject Name	L-T-P	CRD	<u>GRD</u>
CS204	Algorithms	3-0-0	6	9
CS222	Computer Organization and Architecture	3-0-0	6	9
CS223	Hardware Laboratory	0-0-3	3	10
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
MA225	Probability Theory and Random Processes	3-1-0	8	9
MA251	Optimization Techniques	3-0-0	6	9
Credits Taken: 47	Credits Cleared: 47 SPI: 9.45 CPI: 8.89		•	

#### 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	9
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	Credits Cleared: 42 SPI: 9.4 CPI: 8.99		1	

### 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	9
CS348	Computer Networks	3-0-2	8	10
CS362	Computer Graphics	3-0-2	8	9
CS399	Seminar	0-0-3	3	9
HS331	Sociology of Development	3-0-0	6	9
Credits Taken: 40	Credits Cleared: 40 SPI: 9.35 CPI: 9.04			

# Semester 7

Sub. Code	Subject Name	L-T-P	CRD	GRD
CS400	Summer Training	0-0-0	2	9
CS421	Computer Peripherals and Interfacing	3-0-0	6	10
CS422	Peripherals and Interfacing Lab	0-1-3	5	10
CS441	Topics in Databases	3-0-0	6	10
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
Credits Taken: 41 C	redits Cleared: 41 SPI: 9.95 CPI: 9.16		•	

## 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	10
Credits Taken: 40	Credits Cleared: 40 SPI: 9.7 CPI: 9.23		•	1

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