

# भारतीय प्रोद्योगिकी संस्थान पटना Indian Institute of Technology Patna Transcript



Roll No: 0401CS32 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
Sub. Code	Subject Name	L-I-P	CKD	GKD
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	7
MA101	Mathematics - I	3-1-0	8	7
ME111	Engineering Drawing	2-0-3	7	5
PH101	Physics - I	2-1-0	6	6
PH110	Physics Laboratory	0-0-3	3	9
Credits Taken: 49 C	redits Cleared: 49 SPI: 6.61 CPI: 6.61		•	•

#### Semester 2

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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	6
CS110	Computing Laboratory	0-0-3	3	5
EE102	Basic Electronics Laboratory	0-0-4	4	5
MA102	Mathematics - II	3-1-0	8	6
ME101	Engineering Mechanics	3-1-0	8	6
ME110	Workshop - I	0-0-3	3	7
PH102	Physics - II	2-1-0	6	4
Credits Taken: 44 Cr	redits Cleared: 44 SPI: 5.64 CPI: 6.15			

### Semester 3

Sub. Code	Subject Name	L-T-P	CRD	GRD
CS201	Object Oriented Programming and Data Structures	3-0-3	9	6
CS203	Discrete Mathematics	3-0-0	6	6
CS221	Digital Design	3-0-0	6	5
EE220	Signal, System and Networks	3-1-0	8	6
HS201	Introductory Microeconomics	3-0-0	6	8
MA201	Mathematics - III	3-1-0	8	6
Credits Taken: 43	Credits Cleared: 43 SPI: 6.14 CPI: 6.15		•	

#### Semester 4

Sub. Code	Subject Name	L-T-P	CRD	<u>GRD</u>
CS204	Algorithms	3-0-0	6	6
CS222	Computer Organization and Architecture	3-0-0	6	5
CS223	Hardware Laboratory	0-0-3	3	6
CS241	Software Engineering	2-0-3	7	6
CS242	Systems Programming Laboratory	0-1-3	5	8
HS202	Introductory Macroeconomics	3-0-0	6	6
MA225	Probability Theory and Random Processes	3-1-0	8	5
MA251	Optimization Techniques	3-0-0	6	6
Credits Taken: 47 C	redits Cleared: 47 SPI: 5.91 CPI: 6.09		•	•

## Semester 5

Sub. Code	Subject Name	L-T-P	CRD	GRD
CS301	Formal Language and Automata	3-0-0	6	6
CS331	Programming Language	3-0-2	8	5
CS341	Operating Systems	3-0-0	6	6
CS342	Operating Systems Laboratory	0-1-3	5	7
CS343	Data Communications	3-0-0	6	6
CS344	Databases	3-0-0	6	6
CS345	Databases Laboratory	0-1-3	5	8
Credits Taken: 42	credits Cleared: 42 SPI: 6.17 CPI: 6.1		•	•

#### Semester 6

Sub. Code	Subject Name	L-T-P	CRD	GRD
CS302	Theory of Computation	3-0-0	6	6
CS346	Compilers	3-0-0	6	6
CS347	Compliers Laboratory	0-0-3	3	8
CS348	Computer Networks	3-0-2	8	4
CS362	Computer Graphics	3-0-2	8	5
CS399	Seminar	0-0-3	3	9
HS331	Sociology of Development	3-0-0	6	7
Credits Taken: 40	redits Cleared: 40 SPI: 5.92 CPI: 6.07		1	1

# 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	5
CS422	Peripherals and Interfacing Lab	0-1-3	5	7
CS443	Distributed Systems	3-0-0	6	8
CS461	Artificial Intelligence	3-0-0	6	6
CS498	Project - I	0-0-10	10	9
PH401	Introduction to Nanomaterials	3-0-0	6	8
Credits Taken: 41 Cı	redits Cleared: 41 SPI: 7.44 CPI: 6.26			

## 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	7
MA412	Matrix Computation	3-0-0	6	7
Credits Taken: 40 C	Credits Cleared: 40 SPI: 7.4 CPI: 6.39		1	1

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