

# भारतीय प्रोद्योगिकी संस्थान पटना Indian Institute of Technology Patna Transcript



Year of admission: 2019 Roll No: 0401CS05 Name: Amelia Jonas **Course: Computer Science and Engineering** Programme: Bachelor of Technology

Semester 1

Sub. Code	Subject Name	L-T-P	CRD	GRD
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	6
MA101	Mathematics - I	3-1-0	8	7
ME111	Engineering Drawing	2-0-3	7	7
PH101	Physics - I	2-1-0	6	7
PH110	Physics Laboratory	0-0-3	3	9
Credits Taken: 49	Credits Cleared: 49 SPI: 6.9 CPI: 6.9		1	

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Semester 2				
Sub. Code	Subject Name	L-T-P	CRD	GRD
CH102	Chemistry - II	3-0-0	6	7
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	7
ME101	Engineering Mechanics	3-1-0	8	7
ME110	Workshop - I	0-0-3	3	8
PH102	Physics - II	2-1-0	6	4
Credits Taken: 44 Cr	redits Cleared: 44 SPI: 6.68 CPI: 6.8		,	

#### Semester 3

Sub. Code	Subject Name	L-T-P	CRD	GRD
CS201	Object Oriented Programming and Data Structures	3-0-3	9	8
CS203	Discrete Mathematics	3-0-0	6	8
CS221	Digital Design	3-0-0	6	7
EE220	Signal, System and Networks	3-1-0	8	7
HS201	Introductory Microeconomics	3-0-0	6	8
MA201	Mathematics - III	3-1-0	8	8
Credits Taken: 43	Credits Cleared: 43 SPI: 7.67 CPI: 7.07		•	

#### Semester 4

Sub. Code	Subject Name	L-T-P	<u>CRD</u>	<u>GRD</u>
CS204	Algorithms	3-0-0	6	8
CS222	Computer Organization and Architecture	3-0-0	6	6
CS223	Hardware Laboratory	0-0-3	3	8
CS241	Software Engineering	2-0-3	7	7
CS242	Systems Programming Laboratory	0-1-3	5	9
HS202	Introductory Macroeconomics	3-0-0	6	6
MA225	Probability Theory and Random Processes	3-1-0	8	8
MA251	Optimization Techniques	3-0-0	6	8
Credits Taken: 47	Credits Cleared: 47 SPI: 7.45 CPI: 7.17		•	•

#### Semester 5

Sub. Code	Subject Name	L-T-P	CRD	GRD
CS301	Formal Language and Automata	3-0-0	6	8
CS331	Programming Language	3-0-2	8	8
CS341	Operating Systems	3-0-0	6	8
CS342	Operating Systems Laboratory	0-1-3	5	8
CS343	Data Communications	3-0-0	6	7
CS344	Databases	3-0-0	6	7
CS345	Databases Laboratory	0-1-3	5	9
Credits Taken: 42 C	redits Cleared: 42 SPI: 7.83 CPI: 7.29		1	1

#### Semester 6

Sub. Code	Subject Name	L-T-P	CRD	<u>GRD</u>
CS302	Theory of Computation	3-0-0	6	8
CS346	Compilers	3-0-0	6	7
CS347	Compliers Laboratory	0-0-3	3	8
CS348	Computer Networks	3-0-2	8	8
CS362	Computer Graphics	3-0-2	8	7
CS399	Seminar	0-0-3	3	7
HS331	Sociology of Development	3-0-0	6	8
Credits Taken: 40	Credits Cleared: 40 SPI: 7.58 CPI: 7.34		1	1

## Semester 7

Sub. Code	Subject Name	L-T-P	CRD	GRD
CS400	Summer Training	0-0-0	2	10
CS421	Computer Peripherals and Interfacing	3-0-0	6	7
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	8
CS498	Project - I	0-0-10	10	9
MA410	Graphs, Groups and Network	3-0-0	6	7
Credits Taken: 41 C	redits Cleared: 41 SPI: 8.44 CPI: 7.48		1	

### Semester 8

Sub. Code	Subject Name	L-T-P	CRD	GRD
CS449	Computer and Network Security	3-0-0	6	7
CS453	Wireless Sensor Networks	3-0-0	6	9
CS499	Project - II	0-0-16	16	10
HS441	Industrial and Organizational Psychology	3-0-0	6	8
MA412	Matrix Computation	3-0-0	6	7
Credits Taken: 40 C	redits Cleared: 40 SPI: 8.65 CPI: 7.62		•	1

**Assistant Registrar (Academic)** Date of issue: