

भारतीय प्रोद्योगिकी संस्थान पटना Indian Institute of Technology Patna Transcript



Roll No: 0401CS01 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	<u>GRD</u>
CH101	Chemistry - I	3-1-0	8	8
CH110	Chemistry Laboratory	0-0-3	3	7
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	8
ME111	Engineering Drawing	2-0-3	7	9
PH101	Physics - I	2-1-0	6	6
PH110	Physics Laboratory	0-0-3	3	10
Credits Taken: 49	Credits Cleared: 49 SPI: 7.96 CPI: 7.96		•	

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	7
CS110	Computing Laboratory	0-0-3	3	7
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	9
PH102	Physics - II	2-1-0	6	5
Credits Taken: 44 Cr	redits Cleared: 44 SPI: 6.82 CPI: 7.42			

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	8
EE220	Signal, System and Networks	3-1-0	8	8
HS201	Introductory Microeconomics	3-0-0	6	8
MA201	Mathematics - III	3-1-0	8	8
Credits Taken: 43	Credits Cleared: 43 SPI: 8.0 CPI: 7.6		•	,

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	9
CS242	Systems Programming Laboratory	0-1-3	5	9
HS202	Introductory Macroeconomics	3-0-0	6	8
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: 8.0 CPI: 7.71		•	

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 7 CS341 Operating Systems 3-0-0 6 8 CS342 Operating Systems Laboratory 0-1-3 5 9 CS343 Data Communications 3-0-0 6 8 CS344 Databases 3-0-0 6 8 CS345 Databases Laboratory 0-1-3 5 8 Credits Taken: 42 Credits Cleared: 42 SPI: 7.93 CPI: 7.75					
CS331 Programming Language 3-0-2 8 7 CS341 Operating Systems 3-0-0 6 8 CS342 Operating Systems Laboratory 0-1-3 5 9 CS343 Data Communications 3-0-0 6 8 CS344 Databases 3-0-0 6 8 CS345 Databases Laboratory 0-1-3 5 8	Sub. Code	Subject Name	L-T-P	CRD	GRD
CS341 Operating Systems 3-0-0 6 8 CS342 Operating Systems Laboratory 0-1-3 5 9 CS343 Data Communications 3-0-0 6 8 CS344 Databases 3-0-0 6 8 CS345 Databases Laboratory 0-1-3 5 8	CS301	Formal Language and Automata	3-0-0	6	8
CS342 Operating Systems Laboratory 0-1-3 5 9 CS343 Data Communications 3-0-0 6 8 CS344 Databases 3-0-0 6 8 CS345 Databases Laboratory 0-1-3 5 8	CS331	Programming Language	3-0-2	8	7
CS343 Data Communications 3-0-0 6 8 CS344 Databases 3-0-0 6 8 CS345 Databases Laboratory 0-1-3 5 8	CS341	Operating Systems	3-0-0	6	8
CS344 Databases 3-0-0 6 8 CS345 Databases Laboratory 0-1-3 5 8	CS342	Operating Systems Laboratory	0-1-3	5	9
CS345 Databases Laboratory 0-1-3 5 8	CS343	Data Communications	3-0-0	6	8
,	CS344	Databases	3-0-0	6	8
redits Taken: 42 Credits Cleared: 42 SPI: 7.93 CPI: 7.75	CS345	Databases Laboratory	0-1-3	5	8
	Credits Taken: 42 C	redits Cleared: 42 SPI: 7.93 CPI: 7.75		•	•

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	7
CS347	Compliers Laboratory	0-0-3	3	8
CS348	Computer Networks	3-0-2	8	7
CS362	Computer Graphics	3-0-2	8	6
CS399	Seminar	0-0-3	3	10
HS331	Sociology of Development	3-0-0	6	8
Credits Taken: 40	Credits Cleared: 40 SPI: 7.25 CPI: 7.67		1	1

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	7
CS422	Peripherals and Interfacing Lab	0-1-3	5	8
CS443	Distributed Systems	3-0-0	6	9
CS461	Artificial Intelligence	3-0-0	6	8
CS498	Project - I	0-0-10	10	10
MA410	Graphs, Groups and Network	3-0-0	6	9
Credits Taken: 41 Cr	redits Cleared: 41 SPI: 8.68 CPI: 7.81		1	

Semester 8

Sub. Code	Subject Name	L-T-P	CRD	GRD
CS452	Internet Protocols	3-0-0	6	8
CS453	Wireless Sensor Networks	3-0-0	6	10
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: 8.95 CPI: 7.94		1	ı

Date of issue: _____ Assistant Registrar (Academic)