

# भारतीय प्रौद्योगिकी संस्थान पटना Indian Institue of Technology Patna Transcript



Roll No: 0401CS25 Name: Sophia Delhanty Year of Admission: 2004

Programmme: Bachelor of Technology Course: Computer Science and Engineering

Subject Name	L-T-P	CRD	GRD
Chemistry - I	3-1-0	8	BC
Chemistry Laboratory	0-0-3	3	BC
Electrical Sciences	3-1-0	8	BC
English : Language Through Literature	3-0-0	6	BB
Mathematics - I	3-1-0	8	CC
Engineering Drawing	2-0-3	7	BC
Physics - I	2-1-0	6	CC
Physics Laboratory	0-0-3	3	AA
	Chemistry - I Chemistry Laboratory Electrical Sciences English : Language Through Literature Mathematics - I Engineering Drawing Physics - I	Chemistry - I   3-1-0     Chemistry Laboratory   0-0-3     Electrical Sciences   3-1-0     English : Language Through Literature   3-0-0     Mathematics - I   3-1-0     Engineering Drawing   2-0-3     Physics - I   2-1-0	Chemistry - I         3-1-0         8           Chemistry Laboratory         0-0-3         3           Electrical Sciences         3-1-0         8           English : Language Through Literature         3-0-0         6           Mathematics - I         3-1-0         8           Engineering Drawing         2-0-3         7           Physics - I         2-1-0         6

Credits Taken: 49 Cleared: 49 SPI: 7.02 CPI: 7.02

### Semester 2

Sub Code	Subject Name	L-T-P	CRD	GRD
CH102	Chemistry - II	3-0-0	6	CC
CS101	Introduction to Computing	3-0-0	6	CC
CS110	Computing Laboratory	0-0-3	3	BC
EE102	Basic Electronics Laboratory	0-0-4	4	BC
MA102	Mathematics - II	3-1-0	8	BC
ME101	Engineering Mechanics	3-1-0	8	CC
ME110	Workshop - I	0-0-3	3	AB
PH102	Physics - II	2-1-0	6	СС

Credits Taken: 44 Cleared: 44 SPI: 6.55 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	BC
CS203	Discrete Mathematics	3-0-0	6	BC
CS221	Digital Design	3-0-0	6	ВС
EE220	Signal, System and Networks	3-1-0	8	ВС
HS201	Introductory Microeconomics	3-0-0	6	СС
MA201	Mathematics - III	3-1-0	8	ВС

Credits Taken: 43 Cleared: 43 SPI: 6.86 CPI: 6.82

# Semester 4

Sub Code	Subject Name	L-T-P	CRD	GRD
CS204	Algorithms	3-0-0	6	BB
CS222	Computer Organization and Architecture	3-0-0	6	CC
CS223	Hardware Laboratory	0-0-3	3	BB
CS241	Software Engineering	2-0-3	7	BC
CS242	Systems Programming Laboratory	0-1-3	5	BB
HS202	Introductory Macroeconomics	3-0-0	6	BC
MA225	Probability Theory and Random Processes	3-1-0	8	BC
MA251	Optimization Techniques	3-0-0	6	CD

Credits Taken: 47 Cleared: 47 SPI: 7.04 CPI: 6.87

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<u>Semester 5</u>				
Sub Code	Subject Name	L-T-P	CRD	GRD
CS301	Formal Language and Automata	3-0-0	6	AB
CS331	Programming Language	3-0-2	8	BC
CS341	Operating Systems	3-0-0	6	BC
CS342	Operating Systems Laboratory	0-1-3	5	BB
CS343	Data Communications	3-0-0	6	BC
CS344	Databases	3-0-0	6	AB
CS345	Databases Laboratory	0-1-3	5	BB

Credits Taken: 42 Cleared: 42 SPI: 7.81 CPI: 7.05

## Semester 6

Sub Code	Subject Name	L-T-P	CRD	GRD
CS302	Theory of Computation	3-0-0	6	BC
CS346	Compilers	3-0-0	6	BC
CS347	Compliers Laboratory	0-0-3	3	BB
CS348	Computer Networks	3-0-2	8	CC
CS362	Computer Graphics	3-0-2	8	CC
CS399	Seminar	0-0-3	3	BB
HS331	Sociology of Development	3-0-0	6	BC

Credits Taken: 40 Cleared: 40 SPI: 6.75 CPI: 7.0

# Semester 7

Sub Code	Subject Name	L-T-P	CRD	GRD
CS400	Summer Training	0-0-0	2	AB
CS421	Computer Peripherals and Interfacing	3-0-0	6	BB
CS422	Peripherals and Interfacing Lab	0-1-3	5	BB
CS441	Topics in Databases	3-0-0	6	AB
CS461	Artificial Intelligence	3-0-0	6	BB
CS498	Project - I	0-0-10	10	BB
PH402	Solid State Devices	3-0-0	6	BB

Credits Taken: 41 Cleared: 41 SPI: 8.2 CPI: 7.16

## Semester 8

Sub Code	Subject Name	L-T-P	CRD	GRD
CS449	Computer and Network Security	3-0-0	6	BC
CS452	Internet Protocols	3-0-0	6	CC
CS499	Project - II	0-0-16	16	AB
HS441	Industrial and Organizational Psychology	3-0-0	6	BB
MA412	Matrix Computation	3-0-0	6	BC

Credits Taken: 40 Cleared: 40 SPI: 7.8 CPI: 7.24

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