

# भारतीय प्रौद्योगिकी संस्थान पटना INDIAN INSTITUTE OF TECHNOLOGY PATNA



TRANSCRIPT

Programme: Bachelors of Technology Course: Computer Science and Engineering

Name:

#### Semester 1

Sub Code	Subject Name	L-T-P	CRD	GRD
CH101	Chemistry - I	3-1-0	8	AA
CH110	Chemistry Laboratory	0-0-3	3	AA
EE101	Electrical Sciences	3-1-0	8	вс
HS101	English : Language Through Literature	3-0-0	6	АВ
MA101	Mathematics - I	3-1-0	8	ВВ
ME111	Engineering Drawing	2-0-3	7	АВ
PH101	Physics - I	2-1-0	6	вс
PH110	Physics Laboratory	0-0-3	3	АА

Roll No:

0401CS11

Credits Taken: 49 Credits Cleared: 49 SPI: 8.55 CPI: 8.55

### Semester 2

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

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Credits Taken: 44 Credits Cleared: 44 SPI: 7.59 CPI: 8.1

### Semester 3

Year of Admission:

Sub Code	Subject Name	L-T-P	CRD	GRD
CS201	Object Oriented Programming and Data Structures	3-0-3	9	AB
CS203	Discrete Mathematics	3-0-0	6	ВВ
CS221	Digital Design	3-0-0	6	ВВ
EE220	Signal, System and Networks	3-1-0	8	ВВ
HS201	Introductory Microeconomics	3-0-0	6	ВВ
MA201	Mathematics - III	3-1-0	8	ВВ

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Credits Taken: 43 Credits Cleared: 43 SPI: 8.21 CPI: 8.13

#### Semester 4

Sub Code	Subject Name	L-T-P	CRD	GRD
CS204	Algorithms	3-0-0	6	ВС
CS222	Computer Organization and Architecture	3-0-0	6	вс
CS223	Hardware Laboratory	0-0-3	3	AB
CS241	Software Engineering	2-0-3	7	ВВ
CS242	Systems Programming Laboratory	0-1-3	5	AB
HS211	Literature: Voices and Culture	3-0-0	6	AB
MA225	Probability Theory and Random Processes	3-1-0	8	ВВ
MA251	Optimization Techniques	3-0-0	6	вс

Credits Taken: 47 Credits Cleared: 47 SPI: 7.91 CPI: 8.08

#### Semester 5

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

Credits Taken: 42 Credits Cleared: 42 SPI: 8.38 CPI: 8.13

### Semester 6

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

Credits Taken: 40 Credits Cleared: 40 SPI: 8.65 CPI: 8.21

# Semester 7

Sub Code	Subject Name	L-T-P	CRD	GRD
CS400	Summer Training	0-0-0	2	AA
CS421	Computer Peripherals and Interfacing	3-0-0	6	ВВ
CS422	Peripherals and Interfacing Lab	0-1-3	5	ВВ
CS443	Distributed Systems	3-0-0	6	АВ
CS461	Artificial Intelligence	3-0-0	6	АВ
CS498	Project - I	0-0-10	10	AA
PH401	Introduction to Nanomaterials	3-0-0	6	AA

Credits Taken: 41 Credits Cleared: 41 SPI: 9.17 CPI: 8.34

## Semester 8

Sub Code	Subject Name	L-T-P	CRD	GRD
CS452	Internet Protocols	3-0-0	6	AA
CS453	Wireless Sensor Networks	3-0-0	6	AA
CS499	Project - II	0-0-16	16	AA
HS441	Industrial and Organizational Psychology	3-0-0	6	AB
PH403	Photovoltaics & Fuel Cell Technology	3-0-0	6	AB

Credits Taken: 40 Credits Cleared: 40 SPI: 9.7 CPI: 8.5

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Assistant Registrar (Academic)