



# भारतीय प्रौद्योगिकी संस्थान पटना

## Indian Institute of Technology Patna

### Transcript



**RollNo.:** 0401CS15      **Name:** Janaye Jordi      **Year of Admission:** 2004

**Programme:** Bachelor of Technology      **Course:** Computer Science and Engineering

#### Semester 1

Sl No.	Subject No.	Subject Name	L-T-P	Credit	Subject Type	Grade
1	CH101	Chemistry - I	3-1-0	8	CORE	AB
2	CH110	Chemistry Laboratory	0-0-3	3	CORE	BC
3	EE101	Electrical Sciences	3-1-0	8	CORE	BC
4	HS101	English : Language Through Literature	3-0-0	6	CORE	BB
5	MA101	Mathematics - I	3-1-0	8	CORE	CC
6	ME111	Engineering Drawing	2-0-3	7	CORE	BC
7	PH101	Physics - I	2-1-0	6	CORE	BC
8	PH110	Physics Laboratory	0-0-3	3	CORE	AA

#### Semester 2

Sl No.	Subject No.	Subject Name	L-T-P	Credit	Subject Type	Grade
1	CH102	Chemistry - II	3-0-0	6	CORE	BB
2	CS101	Introduction to Computing	3-0-0	6	CORE	CC
3	CS110	Computing Laboratory	0-0-3	3	CORE	BC
4	EE102	Basic Electronics Laboratory	0-0-4	4	CORE	BC
5	MA102	Mathematics - II	3-1-0	8	CORE	CC
6	ME101	Engineering Mechanics	3-1-0	8	CORE	BC
7	ME110	Workshop - I	0-0-3	3	CORE	BB
8	PH102	Physics - II	2-1-0	6	CORE	CC

#### Semester 3

Sl No.	Subject No.	Subject Name	L-T-P	Credit	Subject Type	Grade
1	CS201	Object Oriented Programming and Data Structures	3-0-3	9	CORE	BB
2	CS203	Discrete Mathematics	3-0-0	6	CORE	BC
3	CS221	Digital Design	3-0-0	6	CORE	BC
4	EE220	Signal, System and Networks	3-1-0	8	CORE	BC
5	HS201	Introductory Microeconomics	3-0-0	6	HS Elective	BC
6	MA201	Mathematics - III	3-1-0	8	CORE	CC

#### Semester 4

Sl No.	Subject No.	Subject Name	L-T-P	Credit	Subject Type	Grade
1	CS204	Algorithms	3-0-0	6	CORE	BC
2	CS222	Computer Organization and Architecture	3-0-0	6	CORE	CC
3	CS223	Hardware Laboratory	0-0-3	3	CORE	BB
4	CS241	Software Engineering	2-0-3	7	CORE	BB
5	CS242	Systems Programming Laboratory	0-1-3	5	CORE	AB
6	HS223	Cognition: Language and Computation	3-0-0	6	HS ELECTIVE	BB
7	MA214	Introduction to Computational Topology	3-0-0	6	Elective-Sc.	BC
8	MA225	Probability Theory and Random Processes	3-1-0	8	CORE	BB

Credits Taken: 49    Credits Cleared: 49    SPI: 7.47    CPI: 7.47

Credits Taken: 44    Credits Cleared: 44    SPI: 6.75    CPI: 7.13

Credits Taken: 43    Credits Cleared: 43    SPI: 7.02    CPI: 7.09

Credits Taken: 47    Credits Cleared: 47    SPI: 7.6    CPI: 7.22

#### Semester 5

Sl No.	Subject No.	Subject Name	L-T-P	Credit	Subject Type	Grade
1	CS301	Formal Language and Automata	3-0-0	6	CORE	BC
2	CS331	Programming Language	3-0-2	8	CORE	BB
3	CS341	Operating Systems	3-0-0	6	CORE	BB
4	CS342	Operating Systems Laboratory	0-1-3	5	CORE	AB
5	CS343	Data Communications	3-0-0	6	CORE	BB
6	CS344	Databases	3-0-0	6	CORE	BB
7	CS345	Databases Laboratory	0-1-3	5	CORE	AB

#### Semester 6

Sl No.	Subject No.	Subject Name	L-T-P	Credit	Subject Type	Grade
1	CS302	Theory of Computation	3-0-0	6	CORE	BB
2	CS346	Compilers	3-0-0	6	CORE	BB
3	CS347	Compilers Laboratory	0-0-3	3	CORE	AB
4	CS348	Computer Networks	3-0-2	8	CORE	BB
5	CS362	Computer Graphics	3-0-2	8	CORE	BB
6	CS399	Seminar	0-0-3	3	CORE	AB
7	HS331	Sociology of Development	3-0-0	6	HS Elective	BC

#### Semester 7

Sl No.	Subject No.	Subject Name	L-T-P	Credit	Subject Type	Grade
1	CS400	Summer Training	0-0-0	2	CORE	AA
2	CS421	Computer Peripherals and Interfacing	3-0-0	6	CORE	BB
3	CS422	Peripherals and Interfacing Lab	0-1-3	5	CORE	AB
4	CS441	Topics in Databases	3-0-0	6	DEPARTMENTAL ELECTIVE - II	AB
5	CS461	Artificial Intelligence	3-0-0	6	DEPARTMENTAL ELECTIVE - I	BB
6	CS498	Project - I	0-0-10	10	CORE	AB
7	MA410	Graphs, Groups and Network	3-0-0	6	OPEN ELECTIVE - I	BC

#### Semester 8

Sl No.	Subject No.	Subject Name	L-T-P	Credit	Subject Type	Grade
1	CS452	Internet Protocols	3-0-0	6	Departmental Elective - IV	BB
2	CS453	Wireless Sensor Networks	3-0-0	6	Departmental Elective - III	AB
3	CS499	Project - II	0-0-16	16	CORE	AA
4	HS441	Industrial and Organizational Psychology	3-0-0	6	HSS Elective	BB
5	PH403	Photovoltaics & Fuel Cell Technology	3-0-0	6	Open Elective - II	AB

Credits Taken: 42    Credits Cleared: 42    SPI: 8.1    CPI: 7.39

Credits Taken: 40    Credits Cleared: 40    SPI: 8.0    CPI: 7.48

Credits Taken: 41    Credits Cleared: 41    SPI: 8.46    CPI: 7.61

Credits Taken: 40    Credits Cleared: 40    SPI: 9.1    CPI: 7.78

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Assistant Registrar(Academic)