भारतीय प्रौद्योगिकी संस्थान पटना
Indian Institute of Technology Patna

Roll No:	0401CS04	Name:	Jillian Andren	Year of Admission:	2004
Programme: Bachelor of Technology		**Course:** Computer Science and Engineering			

Semester 1

Sub. Code	Subject Name	L-T-P	CRD	GRD
CH101	Chemistry - I	3-1-0	8	BB
CH110	Chemistry Laboratory	0-0-3	3	BC
EE101	Electrical Sciences	3-1-0	8	BB
HS101	English : Language Through Literature	3-0-0	6	CC
MA101	Mathematics - I	3-1-0	8	BB
ME111	Engineering Drawing	2-0-3	7	BC
PH101	Physics - I	2-1-0	6	BB
PH110	Physics Laboratory	0-0-3	3	AB

Credits taken: 49 Credits Cleared: 49 SPI: 7.61 CPI: 7.61

Semester 2

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

Credits taken: 44 Credits Cleared: 44 SPI: 7.2 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	BC
CS203	Discrete Mathematics	3-0-0	6	BB
CS221	Digital Design	3-0-0	6	BB
EE220	Signal, System and Networks	3-1-0	8	AB
HS221	Fundamentals of Linguistics Science	3-0-0	6	BB
MA201	Mathematics - III	3-1-0	8	AA

Credits taken: 43 Credits Cleared: 43 SPI: 8.35 CPI: 7.71

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	AB
CS241	Software Engineering	2-0-3	7	BC
CS242	Systems Programming Laboratory	0-1-3	5	BB
HS211	Literature: Voices and Culture	3-0-0	6	BC
MA225	Probability Theory and Random Processes	3-1-0	8	BC
MA251	Optimization Techniques	3-0-0	6	BB

Credits taken: 47 Credits Cleared: 47 SPI: 7.36 CPI: 7.62

Semester 5

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

Credits taken: 42 Credits Cleared: 42 SPI: 7.86 CPI: 7.67

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	BB
CS347	Compliers Laboratory	0-0-3	3	BB
CS348	Computer Networks	3-0-2	8	BB
CS362	Computer Graphics	3-0-2	8	BB
CS399	Seminar	0-0-3	3	BC
HS331	Sociology of Development	3-0-0	6	BC

Credits taken: 40 Credits Cleared: 40 SPI: 7.62 CPI: 7.66

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	BC
CS422	Peripherals and Interfacing Lab	0-1-3	5	BC
CS441	Topics in Databases	3-0-0	6	CC
CS461	Artificial Intelligence	3-0-0	6	BB
CS498	Project - I	0-0-10	10	AA
MA410	Graphs, Groups and Network	3-0-0	6	BB

Credits taken: 41 Credits Cleared: 41 SPI: 7.98 CPI: 7.7

Semester 8

Sub. Code	Subject Name	L-T-P	CRD	GRD
CS452	Internet Protocols	3-0-0	6	BC
CS453	Wireless Sensor Networks	3-0-0	6	BB
CS499	Project - II	0-0-16	16	AA
HS441	Industrial and Organizational Psychology	3-0-0	6	BC
MA412	Matrix Computation	3-0-0	6	BC

Credits taken: 40 Credits Cleared: 40 SPI: 8.35 CPI: 7.78

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