भारतीय प्रौद्योगिकी संस्थान पटना
Indian Institute of Technology Patna

Roll No:	0401CS24	**Name:**	Parke Westraw	**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	AA
CH110	Chemistry Laboratory	0-0-3	3	BB
EE101	Electrical Sciences	3-1-0	8	AB
HS101	English : Language Through Literature	3-0-0	6	AB
MA101	Mathematics - I	3-1-0	8	BB
ME111	Engineering Drawing	2-0-3	7	AB
PH101	Physics - I	2-1-0	6	AB
PH110	Physics Laboratory	0-0-3	3	AA

Credits taken: 49 Credits Cleared: 49 SPI: 9.0 CPI: 9.0

Semester 2

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

Credits taken: 44 Credits Cleared: 44 SPI: 9.2 CPI: 9.1

Semester 3

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	AB
CS221	Digital Design	3-0-0	6	AB
EE220	Signal, System and Networks	3-1-0	8	AA
HS201	Introductory Microeconomics	3-0-0	6	AA
MA201	Mathematics - III	3-1-0	8	AB

Credits taken: 43 Credits Cleared: 43 SPI: 9.33 CPI: 9.17

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	AB
CS223	Hardware Laboratory	0-0-3	3	AB
CS241	Software Engineering	2-0-3	7	AB
CS242	Systems Programming Laboratory	0-1-3	5	AA
HS202	Introductory Macroeconomics	3-0-0	6	AA
MA225	Probability Theory and Random Processes	3-1-0	8	AA
MA251	Optimization Techniques	3-0-0	6	AA

Credits taken: 47 Credits Cleared: 47 SPI: 9.4 CPI: 9.23

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	AA
CS341	Operating Systems	3-0-0	6	AA
CS342	Operating Systems Laboratory	0-1-3	5	AA
CS343	Data Communications	3-0-0	6	AB
CS344	Databases	3-0-0	6	AB
CS345	Databases Laboratory	0-1-3	5	AA

Credits taken: 42 Credits Cleared: 42 SPI: 9.43 CPI: 9.27

Semester 6

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

Credits taken: 40 Credits Cleared: 40 SPI: 9.7 CPI: 9.33

Semester 7

Sub. Code	Subject Name	L-T-P	CRD	GRD
CS400	Summer Training	0-0-0	2	AA
CS401	Foundations of Computer Science	3-0-0	6	AB
CS421	Computer Peripherals and Interfacing	3-0-0	6	AA
CS422	Peripherals and Interfacing Lab	0-1-3	5	AA
CS443	Distributed Systems	3-0-0	6	AA
CS461	Artificial Intelligence	3-0-0	6	AA
CS498	Project - I	0-0-10	10	AA

Credits taken: 41 Credits Cleared: 41 SPI: 9.85 CPI: 9.4

Semester 8

Sub. Code	Subject Name	L-T-P	CRD	GRD
CS452	Internet Protocols	3-0-0	6	AB
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
MA412	Matrix Computation	3-0-0	6	AB

Credits taken: 40 Credits Cleared: 40 SPI: 9.55 CPI: 9.42

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