भारतीय प्रौद्योगिकी संस्थान पटना
Indian Institute of Technology Patna

Roll No: 0401CS33	**Name:** Arni kenningham		**Year of Admission:** 2004	
Programme: Bachelor of Technology	**Course:** Computer and Engineering			

Semester 1

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

Credits Taken: 49.0 Credits Cleared: 49.0 SPI: 5.04 CPI: 5.04

Semester 2

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

Credits Taken: 44.0 Credits Cleared: 44.0 SPI: 5.16 CPI: 5.1

Semester 3

Sub. Code	Subject Name	L-T-P	CRD	GRD
CS201	Object Oriented Programming and Data Structures	3-0-3	9	CD
CS203	Discrete Mathematics	3-0-0	6	CC
CS221	Digital Design	3-0-0	6	CD
EE220	Signal, System and Networks	3-1-0	8	CC
HS221	Fundamentals of Linguistics Science	3-0-0	6	CC
MA201	Mathematics - III	3-1-0	8	CD

Credits Taken: 43.0 Credits Cleared: 43.0 SPI: 5.47 CPI: 5.21

Semester 4

Sub. Code	Subject Name	L-T-P	CRD	GRD
CS204	Algorithms	3-0-0	6	CC
CS222	Computer Organization and Architecture	3-0-0	6	DD
CS223	Hardware Laboratory	0-0-3	3	BC
CS241	Software Engineering	2-0-3	7	CD
CS242	Systems Programming Laboratory	0-1-3	5	BB
HS223	Cognition: Language and Computation	3-0-0	6	BC
MA225	Probability Theory and Random Processes	3-1-0	8	CD
MA251	Optimization Techniques	3-0-0	6	DD

Credits Taken: 47.0 Credits Cleared: 47.0 SPI: 5.57 CPI: 5.31

Semester 5

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

Credits Taken: 42.0 Credits Cleared: 42.0 SPI: 5.76 CPI: 5.39

Semester 6

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

Credits Taken: 40.0 Credits Cleared: 40.0 SPI: 5.75 CPI: 5.45

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

Credits Taken: 41.0 Credits Cleared: 41.0 SPI: 6.9 CPI: 5.64

Semester 8

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

Credits Taken: 40.0 Credits Cleared: 40.0 SPI: 6.95 CPI: 5.79

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