भारतीय प्रौद्योगिकी संस्थान पटना
Indian Institue of Technology Patna

Roll No: 0401CS32 **Name:** Birgit Rillett **Year of Admission:** 2004

Programmme: 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	BC
CH110	Chemistry Laboratory	0-0-3	3	BB
EE101	Electrical Sciences	3-1-0	8	CC
HS101	English : Language Through Literature	3-0-0	6	BC
MA101	Mathematics - I	3-1-0	8	BC
ME111	Engineering Drawing	2-0-3	7	CD
PH101	Physics - I	2-1-0	6	CC
PH110	Physics Laboratory	0-0-3	3	AB

Credits Taken: 49 Cleared: 49 SPI: 6.76 CPI: 6.76

Semester 2

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

Credits Taken: 44 Cleared: 38 SPI: 5.8 CPI: 6.3

Semester 3

Sub Code	Subject Name	L-T-P	CRD	GRD
CS201	Object Oriented Programming and Data Structures	3-0-3	9	CC
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
HS201	Introductory Microeconomics	3-0-0	6	BB
MA201	Mathematics - III	3-1-0	8	CC

Credits Taken: 43 Cleared: 43 SPI: 6.28 CPI: 6.29

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

Credits Taken: 47 Cleared: 47 SPI: 6.21 CPI: 6.27

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	CC
CS344	Databases	3-0-0	6	CC
CS345	Databases Laboratory	0-1-3	5	BB

Credits Taken: 42 Cleared: 42 SPI: 6.36 CPI: 6.29

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

Credits Taken: 40 Cleared: 32 SPI: 6.12 CPI: 6.26

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	CD
CS422	Peripherals and Interfacing Lab	0-1-3	5	BC
CS443	Distributed Systems	3-0-0	6	BB
CS461	Artificial Intelligence	3-0-0	6	CC
CS498	Project - I	0-0-10	10	AB
PH401	Introduction to Nanomaterials	3-0-0	6	BB

Credits Taken: 41 Cleared: 41 SPI: 7.59 CPI: 6.44

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	BC
MA412	Matrix Computation	3-0-0	6	BC

Credits Taken: 40 Cleared: 40 SPI: 7.4 CPI: 6.55

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Assistant Registrar(Academic):