भारतीय प्रौद्योगिकी संस्थान पटना
Indian Institute of Technology Patna

Roll No: 0501CS20 **Name:** Guillema Starrs **Year of Admission:** 2005
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	DD
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	CC
MA101	Mathematics - I	3-1-0	8	CD
ME110	Workshop - I	0-0-3	3	AB
ME111	Engineering Drawing	2-0-3	7	CC
PH101	Physics - I	2-1-0	6	DD

Credits taken: 49 Credits Cleared: 49 SPI: 5.57 CPI: 5.57

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	BC
CS110	Computing Laboratory	0-0-3	3	BB
EE102	Basic Electronics Laboratory	0-0-4	4	AB
MA102	Mathematics - II	3-1-0	8	CC
ME101	Engineering Mechanics	3-1-0	8	DD
PH102	Physics - II	2-1-0	6	CD
PH110	Physics Laboratory	0-0-3	3	BB

Credits taken: 44 Credits Cleared: 44 SPI: 6.18 CPI: 5.86

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

Credits taken: 43 Credits Cleared: 43 SPI: 7.42 CPI: 6.35

Semester 4

Sub. Code	Subject Name	L-T-P	CRD	GRD
CS204	Algorithms	3-0-0	6	BC
CS222	Computer Organization and Architecture	3-0-0	6	CC
CS223	Hardware Laboratory	0-0-3	3	BC
CS241	Software Engineering	2-0-3	7	BC
CS242	Systems Programming Laboratory	0-1-3	5	AB
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	BC

Credits taken: 47 Credits Cleared: 47 SPI: 6.62 CPI: 6.42

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

Credits taken: 42 Credits Cleared: 42 SPI: 6.74 CPI: 6.48

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	BC
CS347	Compliers Laboratory	0-0-3	3	BB
CS348	Computer Networks	3-0-2	8	BC
CS362	Computer Graphics	3-0-2	8	CD
CS399	Seminar	0-0-3	3	AB
HS311	Diasporic Literature	3-0-0	6	CC

Credits taken: 40 Credits Cleared: 40 SPI: 6.67 CPI: 6.51

Semester 7

Sub. Code	Subject Name	L-T-P	CRD	GRD
CS400	Summer Training	0-0-0	2	BC
CS421	Computer Peripherals and Interfacing	3-0-0	6	DD
CS422	Peripherals and Interfacing Lab	0-1-3	5	CC
CS443	Distributed Systems	3-0-0	6	BB
CS461	Artificial Intelligence	3-0-0	6	BC
CS498	Project - I	0-0-10	10	BC
MA410	Graphs, Groups and Network	3-0-0	6	BC

Credits taken: 41 Credits Cleared: 41 SPI: 6.59 CPI: 6.52

Semester 8

Sub. Code	Subject Name	L-T-P	CRD	GRD
CE442	Industrial Waste Treatment and Management	3-0-0	6	CD
CS453	Wireless Sensor Networks	3-0-0	6	BB
CS499	Project - II	0-0-16	16	BC
CS502	Pattern Recognition	3-0-0	6	BB
HS441	Industrial and Organizational Psychology	3-0-0	6	BB

Credits taken: 40 Credits Cleared: 40 SPI: 7.15 CPI: 6.59

Date of Issue: 04 Dec 2021, 01:15

Assitant Registrar (Academic)