



भारतीय प्रौद्योगिकी संस्थान पटना INDIAN INSTITUTE OF TECHNOLOGY PATNA



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Roll No: 0401CS02

Name: Opaline Cristofol

Year of Admission: 2020

Programme: Bachelors of Technology

Course: CS

Semester 1

CH101	Chemistry - I	3-1-0	8	CORE	AB
CH110	Chemistry Laboratory	0-0-3	3	CORE	BB
EE101	Electrical Sciences	3-1-0	8	CORE	AB
HS101	English : Language Through Literature	3-0-0	6	CORE	BC
MA101	Mathematics - I	3-1-0	8	CORE	AA
ME111	Engineering Drawing	2-0-3	7	CORE	AB
PH101	Physics - I	2-1-0	6	CORE	AA
PH110	Physics Laboratory	0-0-3	3	CORE	AA

Credits Taken: 49 Credits Cleared: 49 SPI: 9.04 CPI: 9.04

Semester 2

CH102	Chemistry - II	3-0-0	6	CORE	AB
CS101	Introduction to Computing	3-0-0	6	CORE	CC
CS110	Computing Laboratory	0-0-3	3	CORE	BC
EE102	Basic Electronics Laboratory	0-0-4	4	CORE	AB
MA102	Mathematics - II	3-1-0	8	CORE	AA
ME101	Engineering Mechanics	3-1-0	8	CORE	AB
ME110	Workshop - I	0-0-3	3	CORE	BB
PH102	Physics - II	2-1-0	6	CORE	AB

Credits Taken: 44 Credits Cleared: 93 SPI: 8.57 CPI: 8.82

Semester 3

CS201	Object Oriented Programming and Data Structures	3-0-3	9	CORE	BB
CS203	Discrete Mathematics	3-0-0	6	CORE	AB
CS221	Digital Design	3-0-0	6	CORE	AB
EE220	Signal, System and Networks	3-1-0	8	CORE	AB
HS201	Introductory Microeconomics	3-0-0	6	HS Elective	AB
MA201	Mathematics - III	3-1-0	8	CORE	AB

Credits Taken: 43 Credits Cleared: 136 SPI: 8.79 CPI: 8.81

Semester 4

CS204	Algorithms	3-0-0	6	CORE	BB
CS222	Computer Organization and Architecture	3-0-0	6	CORE	BB
CS223	Hardware Laboratory	0-0-3	3	CORE	AA
CS241	Software Engineering	2-0-3	7	CORE	AB
CS242	Systems Programming Laboratory	0-1-3	5	CORE	AB
HS202	Introductory Macroeconomics	3-0-0	6	HS Elective	AB
MA225	Probability Theory and Random Processes	3-1-0	8	CORE	AA
MA251	Optimization Techniques	3-0-0	6	Elective-Sc.	AB

Credits Taken: 47 Credits Cleared: 183 SPI: 8.98 CPI: 8.85

Semester 7

CS400	Summer Training	0-0-0	2	CORE	AB
CS421	Computer Peripherals and Interfacing	3-0-0	6	CORE	AB
CS422	Peripherals and Interfacing Lab	0-1-3	5	CORE	AA
CS443	Distributed Systems	3-0-0	6	DEPARTMENTAL ELECTIVE - II	AA
CS461	Artificial Intelligence	3-0-0	6	DEPARTMENTAL ELECTIVE - I	AB
CS498	Project - I	0-0-10	10	CORE	AB
MA410	Graphs, Groups and Network	3-0-0	6	OPEN ELECTIVE - I	AB

Credits Taken: 41 Credits Cleared: 306 SPI: 9.27 CPI: 8.87

Semester 5

CS301	Formal Language and Automata	3-0-0	6	CORE	BB
CS331	Programming Language	3-0-2	8	CORE	BB
CS341	Operating Systems	3-0-0	6	CORE	AB
CS342	Operating Systems Laboratory	0-1-3	5	CORE	AB
CS343	Data Communications	3-0-0	6	CORE	AB
CS344	Databases	3-0-0	6	CORE	AA
CS345	Databases Laboratory	0-1-3	5	CORE	AB

Credits Taken: 42 Credits Cleared: 225 SPI: 8.81 CPI: 8.84

Semester 6

CS302	Theory of Computation	3-0-0	6	CORE	BB
CS346	Compilers	3-0-0	6	CORE	AB
CS347	Compilers Laboratory	0-0-3	3	CORE	AB
CS348	Computer Networks	3-0-2	8	CORE	BB
CS362	Computer Graphics	3-0-2	8	CORE	AB
CS399	Seminar	0-0-3	3	CORE	AA
HS331	Sociology of Development	3-0-0	6	HS Elective	BB

Credits Taken: 40 Credits Cleared: 265 SPI: 8.57 CPI: 8.8

Semester 8

CS449	Computer and Network Security	3-0-0	6	Departmental Elective - III	BB
CS453	Wireless Sensor Networks	3-0-0	6	Departmental Elective - IV	AB
CS499	Project - II	0-0-16	16	CORE	AA
HS441	Industrial and Organizational Psychology	3-0-0	6	HSS Elective	BB
MA412	Matrix Computation	3-0-0	6	Open Elective - II	BB

Credits Taken: 40 Credits Cleared: 346 SPI: 8.95 CPI: 8.88



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Assistant Registrar (Academic)