



भारतीय प्रौद्योगिकी संस्थान पटना
INDIAN INSTITUTE OF TECHNOLOGY PATNA



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Roll No: 0501CS18 Name: Valene Rakestraw Year of Admission: 2020
Programme: Bachelors of Technology Course: CS

Semester 1

CH101	Chemistry - I	3-1-0	8	CORE	BB
CH110	Chemistry Laboratory	0-0-3	3	CORE	AB
EE101	Electrical Sciences	3-1-0	8	CORE	CC
HS101	English : Language Through Literature	3-0-0	6	CORE	BB
MA101	Mathematics - I	3-1-0	8	CORE	CC
ME110	Workshop - I	0-0-3	3	CORE	BB
ME111	Engineering Drawing	2-0-3	7	CORE	AB
PH101	Physics - I	2-1-0	6	CORE	BB

Credits Taken: 49 Credits Cleared: 49 SPI: 7.55 CPI: 7.55

Semester 2

CH102	Chemistry - II	3-0-0	6	CORE	BC
CS101	Introduction to Computing	3-0-0	6	CORE	BB
CS110	Computing Laboratory	0-0-3	3	CORE	AA
EE102	Basic Electronics Laboratory	0-0-4	4	CORE	AA
MA102	Mathematics - II	3-1-0	8	CORE	BB
ME101	Engineering Mechanics	3-1-0	8	CORE	CC
PH102	Physics - II	2-1-0	6	CORE	BC
PH110	Physics Laboratory	0-0-3	3	CORE	BC

Credits Taken: 44 Credits Cleared: 93 SPI: 7.61 CPI: 7.58

Semester 3

CS201	Object Oriented Programming and Data Structures	3-0-3	9	CORE	AB
CS203	Discrete Mathematics	3-0-0	6	CORE	AA
CS221	Digital Design	3-0-0	6	CORE	BC
EE220	Signal, System and Networks	3-1-0	8	CORE	BB
HS231	Introductory Sociology	3-0-0	6	HS ELECTIVE	AB
MA201	Mathematics - III	3-1-0	8	CORE	BC

Credits Taken: 43 Credits Cleared: 136 SPI: 8.3 CPI: 7.81

Semester 4

CS204	Algorithms	3-0-0	6	CORE	AB
CS222	Computer Organization and Architecture	3-0-0	6	CORE	BB
CS223	Hardware Laboratory	0-0-3	3	CORE	BB
CS241	Software Engineering	2-0-3	7	CORE	AB
CS242	Systems Programming Laboratory	0-1-3	5	CORE	AA
HS222	Language, Human Mind and Indian Society	3-0-0	6	HS Elective	BB
MA214	Introduction to Computational Topology	3-0-0	6	Elective- Sc.	BC
MA225	Probability Theory and Random Processes	3-1-0	8	CORE	BB

Credits Taken: 47 Credits Cleared: 183 SPI: 8.36 CPI: 7.95

Semester 7

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

Credits Taken: 41 Credits Cleared: 306 SPI: 9.39 CPI: 8.47

Semester 5

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

Credits Taken: 42 Credits Cleared: 225 SPI: 9.43 CPI: 8.23

Semester 8

CS453	Wireless Sensor Networks	3-0-0	6	Departmental Elective - IV	AA
CS499	Project - II	0-0-16	16	CORE	AA
CS502	Pattern Recognition	3-0-0	6	Departmental Elective - III	AB
HS441	Industrial and Organizational Psychology	3-0-0	6	HS Elective	BB
ME512	Mobile Robotics	3-0-0	6	Open Elective - II	AB

Credits Taken: 40 Credits Cleared: 346 SPI: 9.4 CPI: 8.58

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Assistant Registrar (Academic)



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