भारतीय प्रौद्योगिकी संस्थान पटना
INDIAN INSTITUTE OF TECHNOLOGY PATNA

Roll No: 0501EE26	Name: Corie Teodorski	Year of Admission: 2020
Programme: Bachelors of Technology	Course: EE	

Semester 1

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

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

Credits Taken: 44 Credits Cleared: 93 SPI: 7.3 CPI: 7.43

Semester 3

CS201	Object Oriented Programming and Data Structures	3-0-3	9	CORE	CD
EE200	Semiconductor Devices and Circuits	3-0-0	6	CORE	BB
EE201	Digital Circuits and Microprocessors	3-0-0	6	CORE	BB
EE202	Digital Circuits Laboratory	0-0-3	3	CORE	AB
EE220	Signal, System and Networks	3-1-0	8	CORE	BB
HS201	Introductory Microeconomics	3-0-0	6	HS ELECTIVE	BC
MA201	Mathematics - III	3-1-0	8	CORE	AA

Credits Taken: 46 Credits Cleared: 139 SPI: 7.7 CPI: 7.52

Semester 4

EE203	Analog Integrated Circuits	3-0-0	6	CORE	BB
EE204	Analog Circuits Laboratory	0-0-3	3	CORE	AB
EE230	Principles of Communication	3-1-0	8	CORE	AB
EE280	Electrical Machines	3-0-0	6	CORE	BB
EE281	Electrical Machines Laboratory	0-0-3	3	CORE	BC
HS202	Introductory Macroeconomics	3-0-0	6	HS Elective	AB
MA225	Probability Theory and Random Processes	3-1-0	8	CORE	AB
MA251	Optimization Techniques	3-0-0	6	Elective-Sc.	AB

Credits Taken: 46 Credits Cleared: 185 SPI: 8.61 CPI: 7.79

Semester 5

EE310	Introduction to VLSI Design	3-0-0	6	CORE	BB
EE311	VLSI laboratory	0-0-3	3	CORE	BC
EE320	Digital Signal Processing	3-0-0	6	CORE	AB
EE331	Communication Laboratory	0-0-3	3	CORE	BB
EE350	Control Systems	3-0-0	6	CORE	BB
EE370	Electronic Instrumentation	3-0-0	6	CORE	AB
EE371	Instrumentation and Control Lab	0-0-3	3	CORE	AA
EE380	Electrical Power Systems	3-0-0	6	CORE	BB

Credits Taken: 39 Credits Cleared: 224 SPI: 8.38 CPI: 7.89

Semester 6

EE304	Design Laboratory	0-0-4	4	CORE	AA
EE321	Digital Signal Processing Laboratory	0-0-3	3	CORE	AB
EE322	Mathematical Methods in Electrical Engineering	3-0-0	6	CORE	AB
EE340	Electromagnetic Theory	3-0-0	6	CORE	BC
EE351	Advanced Control Systems	3-0-0	6	CORE	CC
EE360	Embedded Systems	3-0-0	6	CORE	AB
EE361	Embedded Systems Laboratory	0-0-3	3	CORE	BB
HS311	Diasporic Literature	3-0-0	6	HSS Elective	BB

Credits Taken: 40 Credits Cleared: 264 SPI: 8.12 CPI: 7.93

Semester 7

EE400	Summer Training	0-0-0	2	CORE	AB
EE430	Fiber Optic Transmission Systems and Networks	3-0-0	6	Departmental Elective - II	AA
EE480	Electrical Power Systems Operation and Control	3-0-0	6	CORE	BB
EE481	Power Electronics and Drives	3-0-0	6	CORE	AB
EE482	Advanced Electrical Engineering Laboratory	0-0-3	3	CORE	AA
EE490	Image Processing	3-0-0	6	Departmental Elective - I	AB
EE498	Project - I	0-0-8	10	CORE	BB
MA410	Graphs, Groups and Network	3-0-0	6	Open Elective - I	BB

Credits Taken: 45 Credits Cleared: 309 SPI: 8.71 CPI: 8.04

Semester 8

CE502	Infrastructure Economics	3-0-0	6	Open Elective - II	AB
EE483	Distributed Energy Resources	3-0-0	6	Departmental Elective - III	AB
EE499	Project - II	0-0-14	14	CORE	AA
EE508	Intelligent Visual Surveillance Systems	3-0-0	6	Departmental Elective - IV	BB
HS441	Industrial and Organizational Psychology	3-0-0	6	HS Elective	AB

Credits Taken: 38 Credits Cleared: 347 SPI: 9.21 CPI: 8.17

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TRANSCRIPT

Assistant Registrar (Academic)