भारतीय प्रौद्योगिकी संस्थान पटना
INDIAN INSTITUTE OF TECHNOLOGY PATNA

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Roll No:	0501EE09	Name:	Starla Haversham	Year of Admission:	2020
Programme:	Bachelors of Technology	Course:	EE		

Semester 1

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

Credits Taken: 49   Credits Cleared: 49   SPI: 9.02 CPI: 9.02

Semester 2

CH102	Chemistry - II	3-0-0	6	CORE	AB
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	AA
ME101	Engineering Mechanics	3-1-0	8	CORE	AB
PH102	Physics - II	2-1-0	6	CORE	AA
PH110	Physics Laboratory	0-0-3	3	CORE	AB

Credits Taken: 44   Credits Cleared: 93   SPI: 9.34 CPI: 9.17

Semester 3

CS201	Object Oriented Programming and Data Structures	3-0-3	9	CORE	BB
EE200	Semiconductor Devices and Circuits	3-0-0	6	CORE	AB
EE201	Digital Circuits and Microprocessors	3-0-0	6	CORE	AB
EE202	Digital Circuits Laboratory	0-0-3	3	CORE	BB
EE220	Signal, System and Networks	3-1-0	8	CORE	AB
HS231	Introductory Sociology	3-0-0	6	HS ELECTIVE	AB
MA201	Mathematics - III	3-1-0	8	CORE	AA

Credits Taken: 46   Credits Cleared: 139 SPI: 8.91 CPI: 9.09

Semester 4

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

Credits Taken: 46   Credits Cleared: 185 SPI: 9.63 CPI: 9.22

Semester 5

EE310	Introduction to VLSI Design	3-0-0	6	CORE	AA
EE311	VLSI laboratory	0-0-3	3	CORE	AB
EE320	Digital Signal Processing	3-0-0	6	CORE	AA
EE331	Communication Laboratory	0-0-3	3	CORE	AB
EE350	Control Systems	3-0-0	6	CORE	AB
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: 9.23 CPI: 9.22

Semester 6

EE304	Design Laboratory	0-0-4	4	CORE	AB
EE321	Digital Signal Processing Laboratory	0-0-3	3	CORE	AA
EE322	Mathematical Methods in Electrical Engineering	3-0-0	6	CORE	AB
EE340	Electromagnetic Theory	3-0-0	6	CORE	BB
EE351	Advanced Control Systems	3-0-0	6	CORE	BC
EE360	Embedded Systems	3-0-0	6	CORE	AA
EE361	Embedded Systems Laboratory	0-0-3	3	CORE	AA
HS331	Sociology of Development	3-0-0	6	HSS Elective	AB

Credits Taken: 40   Credits Cleared: 264 SPI: 8.85 CPI: 9.17

Semester 7

EE400	Summer Training	0-0-0	2	CORE	AB
EE410	VLSI CAD	3-0-0	6	Departmental Elective - I	AA
EE480	Electrical Power Systems Operation and Control	3-0-0	6	CORE	AA
EE481	Power Electronics and Drives	3-0-0	6	CORE	BB
EE482	Advanced Electrical Engineering Laboratory	0-0-3	3	CORE	AB
EE490	Image Processing	3-0-0	6	Departmental Elective - II	BB
EE498	Project - I	0-0-8	10	CORE	AA
PH401	Introduction to Nanomaterials	3-0-0	6	Open Elective - I	AB

Credits Taken: 45   Credits Cleared: 309 SPI: 9.22 CPI: 9.17

Semester 8

EE483	Distributed Energy Resources	3-0-0	6	Departmental Elective - III	AA
EE499	Project - II	0-0-14	14	CORE	AA
EE508	Intelligent Visual Surveillance Systems	3-0-0	6	Departmental Elective - IV	AB
HS441	Industrial and Organizational Psychology	3-0-0	6	HS Elective	AB
ME512	Mobile Robotics	3-0-0	6	Open Elective - II	AA

Credits Taken: 38   Credits Cleared: 347 SPI: 9.68 CPI: 9.23

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Assistant Registrar (Academic)

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