

# भारतीय प्रौद्योगिकी संस्थान पटना INDIAN INSTITUTE OF TECHNOLOGY PATNA



Transcript

Roll No: 0401EE35 Name: Rodd Tower Year of Admission: 2019

Programme: Bachelor of Technology Course: hh

#### semester 1

Subject No	Subject Name	L-T-P	Credit	Grade
CH101	Chemistry - I	3-1-0	8	AB
CH110	Chemistry Laboratory	0-0-3	3	AA
EE101	Electrical Sciences	3-1-0	8	BC
HS101	English: Language Through Literature	3-0-0	6	AB
MA101	Mathematics - I	3-1-0	8	AB
ME111	Engineering Drawing	2-0-3	7	BB
PH101	Physics - I	2-1-0	6	AB
PH110	Physics Laboratory	0-0-3	3	AA

Credits taken:49 Credits cleared: 49 SPI: 8.65 CPI: 8.65

#### semester 2

semester 2						
Subject No	Subject Name	L-T-P	Credit	Grade		
CH102	Chemistry - II	3-0-0	6	CC		
CS101	Introduction to Computing	3-0-0	6	BC		
CS110	Computing Laboratory	0-0-3	3	AB		
EE102	Basic Electronics Laboratory	0-0-4	4	AB		
MA102	Mathematics - II	3-1-0	8	BB		
ME101	Engineering Mechanics	3-1-0	8	BB		
ME110	Workshop - I	0-0-3	3	AA		
PH102	Physics - II	2-1-0	6	BB		

Credits taken:44 Credits cleared: 44 SPI: 7.89 CPI: 8.29

#### semester 3

Subject No	Subject Name	L-T-P	Credit	Grade
CS201	Object Oriented Programming and Data Structures	3-0-3	9	AA
EE200	Semiconductor Devices and Circuits	3-0-0	6	AB
EE201	Digital Circuits and Microprocessors	3-0-0	6	AB
EE202	Digital Circuits Laboratory	0-0-3	3	AB
EE220	Signal, System and Networks	3-1-0	8	BB
HS201	Introductory Microeconomics	3-0-0	6	AA
MA201	Mathematics - III	3-1-0	8	BB

Credits taken:46 Credits cleared: 46 SPI: 8.98 CPI: 8.52

#### semester 4

Subject No	Subject Name	L-T-P	Credit	Grade
EE203	Analog Integrated Circuits	3-0-0	6	AA
EE204	Analog Circuits Laboratory	0-0-3	3	AA
EE230	Principles of Communication	3-1-0	8	AA
EE280	Electrical Machines	3-0-0	6	BB
EE281	Electrical Machines Laboratory	0-0-3	3	BB
HS202	Introductory Macroeconomics	3-0-0	6	AB
MA225	Probability Theory and Random Processes	3-1-0	8	AB
MA251	Optimization Techniques	3-0-0	6	AB
	EE203 EE204 EE230 EE280 EE281 HS202 MA225	EE203 Analog Integrated Circuits EE204 Analog Circuits Laboratory EE230 Principles of Communication EE280 Electrical Machines EE281 Electrical Machines Laboratory HS202 Introductory Macroeconomics MA225 Probability Theory and Random Processes	EE203         Analog Integrated Circuits         3-0-0           EE204         Analog Circuits Laboratory         0-0-3           EE230         Principles of Communication         3-1-0           EE280         Electrical Machines         3-0-0           EE281         Electrical Machines Laboratory         0-0-3           HS202         Introductory Macroeconomics         3-0-0           MA225         Probability Theory and Random Processes         3-1-0	EE203         Analog Integrated Circuits         3-0-0         6           EE204         Analog Circuits Laboratory         0-0-3         3           EE230         Principles of Communication         3-1-0         8           EE280         Electrical Machines         3-0-0         6           EE281         Electrical Machines Laboratory         0-0-3         3           HS202         Introductory Macroeconomics         3-0-0         6           MA225         Probability Theory and Random Processes         3-1-0         8

Credits taken:46 Credits cleared: 46 SPI: 9.17 CPI: 8.68

#### semester 5

Subject No	Subject Name	L-T-P	Credit	Grade
EE310	Introduction to VLSI Design	3-0-0	6	AB
EE311	VLSI laboratory	0-0-3	3	AB
EE320	Digital Signal Processing	3-0-0	6	AA
EE331	Communication Laboratory	0-0-3	3	AA
EE350	Control Systems	3-0-0	6	AB
EE370	Electronic Instrumentation	3-0-0	6	AB
EE371	Instrumentation and Control Lab	0-0-3	3	BB
EE380	Electrical Power Systems	3-0-0	6	BB

Credits taken:39 Credits cleared: 39 SPI: 9.0 CPI: 8.74

#### semester 6

Subject No	Subject Name	L-T-P	Credit	Grade
EE304	Design Laboratory	0-0-4	4	AB
EE321	Digital Signal Processing Laboratory	0-0-3	3	AA
EE322	Mathematical Methods in Electrical Engineering	3-0-0	6	AB
EE340	Electromagnetic Theory	3-0-0	6	AA
EE351	Advanced Control Systems	3-0-0	6	AB
EE360	Embedded Systems	3-0-0	6	AA
EE361	Embedded Systems Laboratory	0-0-3	3	AB
HS331	Sociology of Development	3-0-0	6	AA

Credits taken:40 Credits cleared: 40 SPI: 9.53 CPI: 8.86

## semester 7

	Subject No	Subject Name	L-T-P	Credit	Grade
	EE400	Summer Training	0-0-0	2	AA
Ī	EE430	Fiber Optic Transmission Systems and Networks	3-0-0	6	AA
Ī	EE480	Electrical Power Systems Operation and Control	3-0-0	6	AA
	EE481	Power Electronics and Drives	3-0-0	6	AA
	EE482	Advanced Electrical Engineering Laboratory	0-0-3	3	AA
Ī	EE490	Image Processing	3-0-0	6	AA
Ī	EE498	Project - I	0-0-8	10	AB
	PH401	Introduction to Nanomaterials	3-0-0	6	AA

Credits taken:45 Credits cleared: 45 SPI: 9.78 CPI: 8.99

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### semester 8

Subject No	Subject Name	L-T-P	Credit	Grade
EE483	Distributed Energy Resources	3-0-0	6	AB
EE491	Visual Surveillance Systems	3-0-0	6	AB
EE499	Project - II	0-0-14	14	AB
HS441	Industrial and Organizational Psychology	3-0-0	6	AA
PH403	Photovoltaics & Fuel Cell Technology	3-0-0	6	AA

Credits taken:38 Credits cleared: 38 SPI: 9.32 CPI: 9.03



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