भारतीय प्रौद्योगिकी संस्थान पटना
INDIAN INSTITUTE OF TECHNOLOGY PATNA

Roll No: 0501EE02 **Name:** Woodie Keedy **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	AA
CH110	Chemistry Laboratory	0-0-3	3	AA
EE101	Electrical Sciences	3-1-0	8	AA
HS101	English : Language Through Literature	3-0-0	6	AA
MA101	Mathematics - I	3-1-0	8	AA
ME110	Workshop - I	0-0-3	3	AB
ME111	Engineering Drawing	2-0-3	7	AB
PH101	Physics - I	2-1-0	6	AA

Credits taken:49 Credits cleared: 49 SPI: 9.8 CPI: 9.8

semester 2

Subject No	Subject Name	L-T-P	Credit	Grade
CH102	Chemistry - II	3-0-0	6	AA
CS101	Introduction to Computing	3-0-0	6	AA
CS110	Computing Laboratory	0-0-3	3	AA
EE102	Basic Electronics Laboratory	0-0-4	4	AA
MA102	Mathematics - II	3-1-0	8	AA
ME101	Engineering Mechanics	3-1-0	8	AA
PH102	Physics - II	2-1-0	6	AA
PH110	Physics Laboratory	0-0-3	3	AA

Credits taken:44 Credits cleared: 44 SPI: 10.0 CPI: 9.89

semester 3

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

Credits taken:46 Credits cleared: 46 SPI: 9.15 CPI: 9.65

semester 4

Subject No	Subject Name	L-T-P	Credit	Grade
EE203	Analog Integrated Circuits	3-0-0	6	BB
EE204	Analog Circuits Laboratory	0-0-3	3	AA
EE230	Principles of Communication	3-1-0	8	BB
EE280	Electrical Machines	3-0-0	6	BB
EE281	Electrical Machines Laboratory	0-0-3	3	BB
HS222	Language, Human Mind and Indian Society	3-0-0	6	AB
MA225	Probability Theory and Random Processes	3-1-0	8	AA
MA251	Optimization Techniques	3-0-0	6	AA

Credits taken:46 Credits cleared: 46 SPI: 8.87 CPI: 9.45

semester 5

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

Credits taken:39 Credits cleared: 39 SPI: 9.85 CPI: 9.52

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	CC
EE360	Embedded Systems	3-0-0	6	BC
EE361	Embedded Systems Laboratory	0-0-3	3	AB
HS311	Diasporic Literature	3-0-0	6	AB

Credits taken:40 Credits cleared: 40 SPI: 8.47 CPI: 9.36

semester 7

Subject No	Subject Name	L-T-P	Credit	Grade
EE400	Summer Training	0-0-0	2	AB
EE410	VLSI CAD	3-0-0	6	AB
EE480	Electrical Power Systems Operation and Control	3-0-0	6	AB
EE481	Power Electronics and Drives	3-0-0	6	BC
EE482	Advanced Electrical Engineering Laboratory	0-0-3	3	BB
EE490	Image Processing	3-0-0	6	AB
EE498	Project - I	0-0-8	10	AA
MA410	Graphs, Groups and Network	3-0-0	6	AB

Credits taken:45 Credits cleared: 45 SPI: 8.89 CPI: 9.29

semester 8

Subject No	Subject Name	L-T-P	Credit	Grade
CE502	Infrastructure Economics	3-0-0	6	AA
EE483	Distributed Energy Resources	3-0-0	6	DD
EE499	Project - II	0-0-14	14	BC
EE508	Intelligent Visual Surveillance Systems	3-0-0	6	AA
HS441	Industrial and Organizational Psychology	3-0-0	6	BB

Credits taken:38 Credits cleared: 38 SPI: 7.63 CPI: 9.11

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Assistant Registar