भारतीय प्रौद्योगिकी संस्थान पटना
Indian Institute of Technology Patna

Roll No: 0401EE19   **Name:** Selena McDell   **Year of Admission:** 2004

Programme: Bachelor of Technology   **Course:** Electrical Engineering

Semester 1

Sub. Code	Subject Name	L-T-P	CRD	GRD
CH101	Chemistry - I	3-1-0	8	BC
CH110	Chemistry Laboratory	0-0-3	3	BB
EE101	Electrical Sciences	3-1-0	8	CC
HS101	English : Language Through Literature	3-0-0	6	AB
MA101	Mathematics - I	3-1-0	8	BC
ME111	Engineering Drawing	2-0-3	7	AB
PH101	Physics - I	2-1-0	8	BB
PH110	Physics Laboratory	0-0-3	3	AA

Credits Taken: 49 Credits Cleared: 49 SPI: 7.73 CPI: 7.73

Semester 2

Sub. Code	Subject Name	L-T-P	CRD	GRD
CH102	Chemistry - II	3-0-0	6	CD
CS101	Introduction to Computing	3-0-0	6	CC
CS110	Computing Laboratory	0-0-3	3	CC
EE102	Basic Electronics Laboratory	0-0-4	4	BB
MA102	Mathematics - II	3-1-0	8	CD
ME101	Engineering Mechanics	3-1-0	8	CC
ME110	Workshop - I	0-0-3	3	BB
PH102	Physics - II	2-1-0	6	DD

Credits Taken: 44 Credits Cleared: 44 SPI: 5.73 CPI: 6.78

Semester 3

Sub. Code	Subject Name	L-T-P	CRD	GRD
CS201	Object Oriented Programming and Data Structures	3-0-3	9	BC
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	AA
EE220	Signal, System and Networks	3-1-0	8	BC
HS201	Introductory Microeconomics	3-0-0	6	CC
MA201	Mathematics - III	3-1-0	8	CC

Credits Taken: 46 Credits Cleared: 46 SPI: 7.41 CPI: 6.99

Semester 4

Sub. Code	Subject Name	L-T-P	CRD	GRD
EE203	Analog Integrated Circuits	3-0-0	6	BB
EE204	Analog Circuits Laboratory	0-0-3	3	AB
EE230	Principles of Communication	3-1-0	8	AB
EE280	Electrical Machines	3-0-0	6	CC
EE281	Electrical Machines Laboratory	0-0-3	3	BC
HS202	Introductory Macroeconomics	3-0-0	6	BC
MA225	Probability Theory and Random Processes	3-1-0	8	BC
MA251	Optimization Techniques	3-0-0	6	CC

Credits Taken: 46 Credits Cleared: 46 SPI: 7.35 CPI: 7.08

Semester 5

Sub. Code	Subject Name	L-T-P	CRD	GRD
EE310	Introduction to VLSI Design	3-0-0	6	BB
EE311	VLSI laboratory	0-0-3	3	BB
EE320	Digital Signal Processing	3-0-0	6	BB
EE331	Communication Laboratory	0-0-3	3	BB
EE350	Control Systems	3-0-0	6	BC
EE370	Electronic Instrumentation	3-0-0	6	BB
EE371	Instrumentation and Control Lab	0-0-3	3	AB
EE380	Electrical Power Systems	3-0-0	6	BB

Credits Taken: 39 Credits Cleared: 39 SPI: 7.92 CPI: 7.23

Semester 6

Sub. Code	Subject Name	L-T-P	CRD	GRD
EE304	Design Laboratory	0-0-4	4	AB
EE321	Digital Signal Processing Laboratory	0-0-3	3	AB
EE322	Mathematical Methods in Electrical Engineering	3-0-0	6	BC
EE340	Electromagnetic Theory	3-0-0	6	BC
EE351	Advanced Control Systems	3-0-0	6	BC
EE360	Embedded Systems	3-0-0	6	AB
EE361	Embedded Systems Laboratory	0-0-3	3	AA
HS331	Sociology of Development	3-0-0	6	CC

Credits Taken: 40 Credits Cleared: 40 SPI: 7.72 CPI: 7.3

Semester 7

Sub. Code	Subject Name	L-T-P	CRD	GRD
EE400	Summer Training	0-0-0	2	AB
EE430	Fiber Optic Transmission Systems and Networks	3-0-0	6	AB
EE480	Electrical Power Systems Operation and Control	3-0-0	6	BC
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
PH402	Solid State Devices	3-0-0	6	AB

Credits Taken: 45 Credits Cleared: 45 SPI: 8.62 CPI: 7.49

Semester 8

Sub. Code	Subject Name	L-T-P	CRD	GRD
EE483	Distributed Energy Resources	3-0-0	6	BC
EE491	Visual Surveillance Systems	3-0-0	6	AA
EE499	Project - II	0-0-14	14	BB
HS441	Industrial and Organizational Psychology	3-0-0	6	BC
PH403	Photovoltaics & Fuel Cell Technology	3-0-0	6	BB

Credits Taken: 38 Credits Cleared: 38 SPI: 8.0 CPI: 7.55

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Assitant Registrar (Academic):