भारतीय प्रौद्योगिकी संस्थान पटना
Indian Institute of Technology Patna

Roll_Number: 0501EE17   **Name:** Cordie Torpie   **Year of Admission:** 2005

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

Semester 1

Sub. Code	Subject Name	L-T-P	CRD	GRD
CH101	Chemistry - I	3-1-0	8	AB
CH110	Chemistry Laboratory	0-0-3	3	AB
EE101	Electrical Sciences	3-1-0	8	AB
HS101	English : Language Through Literature	3-0-0	6	AA
MA101	Mathematics - I	3-1-0	8	CC
ME110	Workshop - I	0-0-3	3	AA
ME111	Engineering Drawing	2-0-3	7	AA
PH101	Physics - I	2-1-0	6	BB

Credits Taken:49 Credits Cleared:49 SPI:8.71 CPI:8.71

Semester 2

Sub. Code	Subject Name	L-T-P	CRD	GRD
CH102	Chemistry - II	3-0-0	6	AA
CS101	Introduction to Computing	3-0-0	6	BB
CS110	Computing Laboratory	0-0-3	3	BB
EE102	Basic Electronics Laboratory	0-0-4	4	AA
MA102	Mathematics - II	3-1-0	8	BB
ME101	Engineering Mechanics	3-1-0	8	BB
PH102	Physics - II	2-1-0	6	BB
PH110	Physics Laboratory	0-0-3	3	AA

Credits Taken:44 Credits Cleared:44 SPI:8.59 CPI:8.59

Semester 3

Sub. Code	Subject Name	L-T-P	CRD	GRD
CS201	Object Oriented Programming and Data	3-0-3	9	BB
EE200	Semiconductor Devices and Circuits	3-0-0	6	BB
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
HS221	Fundamentals of Linguistics Science	3-0-0	6	AA
MA201	Mathematics - III	3-1-0	8	BB

Credits Taken:46 Credits Cleared:46 SPI:8.46 CPI:8.46

Semester 4

Sub. Code	Subject Name	L-T-P	CRD	GRD
EE203	Analog Integrated Circuits	3-0-0	6	BC
EE204	Analog Circuits Laboratory	0-0-3	3	AB
EE230	Principles of Communication	3-1-0	8	BB
EE280	Electrical Machines	3-0-0	6	CD
EE281	Electrical Machines Laboratory	0-0-3	3	AB
HS222	Language, Human Mind and Indian	3-0-0	6	AA
MA225	Probability Theory and Random Processes	3-1-0	8	CC
MA251	Optimization Techniques	3-0-0	6	CC

Credits Taken:46 Credits Cleared:46 SPI:7.26 CPI:7.26

Semester 5

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

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

Semester 6

Sub. Code	Subject Name	L-T-P	CRD	GRD
EE304	Design Laboratory	0-0-4	4	BB
EE321	Digital Signal Processing Laboratory	0-0-3	3	BB
EE322	Mathematical Methods in Electrical	3-0-0	6	CD
EE340	Electromagnetic Theory	3-0-0	6	DD
EE351	Advanced Control Systems	3-0-0	6	CD
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:6.58 CPI:6.58

Semester 7

Sub. Code	Subject Name	L-T-P	CRD	GRD
EE400	Summer Training	0-0-0	2	BB
EE410	VLSI CAD	3-0-0	6	CC
EE480	Electrical Power Systems Operation and	3-0-0	6	DD
EE481	Power Electronics and Drives	3-0-0	6	CD
EE482	Advanced Electrical Engineering	0-0-3	3	CD
EE490	Image Processing	3-0-0	6	CC
EE498	Project - I	0-0-8	8	AB
PH402	Solid State Devices	3-0-0	6	BC

Credits Taken:43 Credits Cleared:43 SPI:6.3 CPI:6.3

Semester 8

Sub. Code	Subject Name	L-T-P	CRD	GRD
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	CD
HS441	Industrial and Organizational Psychology	3-0-0	6	BC
PH403	Photovoltaics & Fuel Cell Technology	3-0-0	6	BC

Credits Taken:38 Credits Cleared:38 SPI:6.21 CPI:6.21

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Assistant Registrar (Academic)