



# भारतीय प्रौद्योगिकी संस्थान पटना INDIAN INSTITUTE OF TECHNOLOGY PATNA



## INTERIM TRANSCRIPT

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Roll No: 0501EE23 Name: Corry Bernocchi Year of Admission: 2005  
Programme: Bachelors of Technology Course: Electrical Engineering

### Semester 1

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

Credits Taken: 49 Credits Cleared: 49 SPI: 7.02 CPI: 7.02

### Semester 2

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

Credits Taken: 44 Credits Cleared: 44 SPI: 6.34 CPI: 6.7

### Semester 3

Sub Code	Subject Name	L-T-P	CRD	GRD
CS201	Object Oriented Programming and Data Structures	3-0-3	9	CC
EE200	Semiconductor Devices and Circuits	3-0-0	6	BC
EE201	Digital Circuits and Microprocessors	3-0-0	6	BC
EE202	Digital Circuits Laboratory	0-0-3	3	AB
EE220	Signal, System and Networks	3-1-0	8	BC
HS201	Introductory Microeconomics	3-0-0	6	BB
MA201	Mathematics - III	3-1-0	8	BC

Credits Taken: 46 Credits Cleared: 46 SPI: 7.07 CPI: 6.82

### Semester 4

Sub Code	Subject Name	L-T-P	CRD	GRD
EE203	Analog Integrated Circuits	3-0-0	6	CD
EE204	Analog Circuits Laboratory	0-0-3	3	CD
EE230	Principles of Communication	3-1-0	8	BC
EE280	Electrical Machines	3-0-0	6	CD
EE281	Electrical Machines Laboratory	0-0-3	3	DD
HS202	Introductory Macroeconomics	3-0-0	6	CC
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: 5.89 CPI: 6.59

### 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	CC
EE331	Communication Laboratory	0-0-3	3	BC
EE350	Control Systems	3-0-0	6	CD
EE370	Electronic Instrumentation	3-0-0	6	CC
EE371	Instrumentation and Control Lab	0-0-3	3	CC
EE380	Electrical Power Systems	3-0-0	6	CD

Credits Taken: 39 Credits Cleared: 39 SPI: 6.0 CPI: 6.49

### Semester 6

Sub Code	Subject Name	L-T-P	CRD	GRD
EE304	Design Laboratory	0-0-4	4	BC
EE321	Digital Signal Processing Laboratory	0-0-3	3	BB
EE322	Mathematical Methods in Electrical Engineering	3-0-0	6	CC
EE340	Electromagnetic Theory	3-0-0	6	CD
EE351	Advanced Control Systems	3-0-0	6	CD
EE360	Embedded Systems	3-0-0	6	CC
EE361	Embedded Systems Laboratory	0-0-3	3	BC
HS311	Diasporic Literature	3-0-0	6	CC

Credits Taken: 40 Credits Cleared: 40 SPI: 6.03 CPI: 6.42

### Semester 7

Sub Code	Subject Name	L-T-P	CRD	GRD
EE400	Summer Training	0-0-0	2	BC
EE430	Fiber Optic Transmission Systems and Networks	3-0-0	6	BC
EE480	Electrical Power Systems Operation and Control	3-0-0	6	CD
EE481	Power Electronics and Drives	3-0-0	6	DD
EE482	Advanced Electrical Engineering Laboratory	0-0-3	3	CD
EE490	Image Processing	3-0-0	6	BB
EE498	Project - I	0-0-8	10	BC
PH401	Introduction to Nanomaterials	3-0-0	6	BC

Credits Taken: 45 Credits Cleared: 45 SPI: 6.33 CPI: 6.4

### Semester 8

Sub Code	Subject Name	L-T-P	CRD	GRD
CE442	Industrial Waste Treatment and Management	3-0-0	6	CC
EE483	Distributed Energy Resources	3-0-0	6	DD
EE499	Project - II	0-0-14	14	DD
EE508	Intelligent Visual Surveillance Systems	3-0-0	6	CD
HS441	Industrial and Organizational Psychology	3-0-0	6	BC

Credits Taken: 38 Credits Cleared: 38 SPI: 4.95 CPI: 6.24

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Assistant Registrar (Academic)