

# भारतीय प्रौद्योगिकी संस्थान पटना **INDIAN INSTITUTE OF TECHNOLOGY PATNA**



INTERIM TRANSCRIPT

## TRANSCRIPT

**Roll No:** 0501EE04 **Year of Admission:** 2005 Name: Michele Ashlee **Programme:** Btech Course: Electrical Engineering

#### Semester 1

Sub Code	Subject Name		CRD	GRD
CH101	Chemistry - I 3/1/2000 8		8	BC
CH110	Chemistry Laboratory 0-0-3		3	AB
EE101	Electrical Sciences 3/1/2000 8		8	BB
HS101	English : Language Through Literature 3-0-0		6	BC
MA101	Mathematics - I	3/1/2000	8	BC
ME110	Workshop - I 0-0-3 3		3	AB
ME111	Engineering Drawing	2-0-3 7 BI		BB
PH101	Physics - I 2/1/2000 6		6	CC

Credits taken: 49 Credits cleared: 49 SPI: 7.43 CPI:7.43

# Semester 2

Sub Code	Subject Name		CRD	GRD
CH102	Chemistry - II		6	BC
CS101	Introduction to Computing	3-0-0	6	BC
CS110	Computing Laboratory	0-0-3	3	CC
EE102	Basic Electronics Laboratory	0-0-4	4	AA
MA102	Mathematics - II	3/1/2000	8	AA
ME101	Engineering Mechanics 3/1/2000 8		8	BB
PH102	Physics - II 2/1/2000 6		6	AA
PH110	Physics Laboratory 0-0-3 3		3	BB

CPI:7.92 Credits taken: 44 Credits cleared: 44 SPI: 8.41

# Semester 3

Subject Name		CRD	GRD
Object Oriented Programming and Data Structures	3-0-3	9	BC
Semiconductor Devices and Circuits	3-0-0	6	BB
Digital Circuits and Microprocessors 3-0-0		6	BB
Digital Circuits Laboratory	0-0-3	3	BB
Signal, System and Networks	3/1/2000	8	BB
Introductory Microeconomics 3-0-0 6		6	BC
Mathematics - III 3/1/2000 8		8	AA
	Object Oriented Programming and Data Structures Semiconductor Devices and Circuits Digital Circuits and Microprocessors Digital Circuits Laboratory Signal, System and Networks Introductory Microeconomics	Object Oriented Programming and Data Structures 3-0-3 Semiconductor Devices and Circuits 3-0-0 Digital Circuits and Microprocessors 3-0-0 Digital Circuits Laboratory 0-0-3 Signal, System and Networks 3/1/2000 Introductory Microeconomics 3-0-0	Object Oriented Programming and Data Structures 3-0-3 9 Semiconductor Devices and Circuits 3-0-0 6 Digital Circuits and Microprocessors 3-0-0 6 Digital Circuits Laboratory 0-0-3 3 Signal, System and Networks 3/1/2000 8 Introductory Microeconomics 3-0-0 6

Credits taken: 46 Credits cleared: 46 SPI: 8.02 CPI:7.95

#### Semester 4

Sub Code	Subject Name	L-T-P	CRD	GRD
EE203	Analog Integrated Circuits		6	AB
EE204	Analog Circuits Laboratory	0-0-3	3	AB
EE230	Principles of Communication 3/1/2000		8	BB
EE280	Electrical Machines 3-0-0		6	CC
EE281	Electrical Machines Laboratory	0-0-3	3	BB
HS202	Introductory Macroeconomics 3-0-0 6		6	BB
MA225	Probability Theory and Random Processes 3/1/2000 8		8	BB
MA251	Optimization Techniques		6	AB

Credits taken: 46 Credits cleared: 46 SPI: 8.07

## Semester 5

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

Credits taken: 39 Credits cleared: 39 SPI: 8.46 CPI:8.08

## 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	AB
EE340	Electromagnetic Theory 3-0-0		6	BB
EE351	Advanced Control Systems	3-0-0	6	BC
EE360	Embedded Systems 3-0-0 6		6	AB
EE361	Embedded Systems Laboratory 0-0-3 3		3	BB
HS331	Sociology of Development 3-0-0 6		6	AB

Credits taken: 40 Credits cleared: 40 SPI: 8.48 CPI:8.14

#### Semester 7

Sub Code	Subject Name		CRD	GRD
EE400	Summer Training	0-0-0	2	AB
EE410	VLSI CAD	3-0-0	6	AB
EE430	Fiber Optic Transmission Systems and Networks	3-0-0	6	AA
EE480	Electrical Power Systems Operation and Control	3-0-0	6	BC
EE481	Power Electronics and Drives	3-0-0	6	AB
EE482	Advanced Electrical Engineering Laboratory	0-0-3	3	AB
EE498	Project - I	0-0-8	8	AB
PH401	Introduction to Nanomaterials	3-0-0	6	AA

CPI:8.27 Credits taken: 43 Credits cleared: 43 SPI: 9.0

# Semester 8

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

Credits taken: 38 Credits cleared: 38 SPI: 8.0 CPI:8.23

Date of Issue	Assistant Registrar(Academic)