

# भारतीय प्रौद्योगिकी संस्थान पटना INDIAN INSTITUTE OF TECHNOLOGY PATNA



# INTERIM TRANSCRIPT

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Roll No: 0501EE21 Name: Alida Bassil 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	СС
CH110	Chemistry Laboratory	0-0-3	3	AB
EE101	Electrical Sciences	3-1-0	8	ВВ
HS101	English : Language Through Literature	3-0-0	6	BB
MA101	Mathematics - I	3-1-0	8	ВС
ME110	Workshop - I	0-0-3	3	AA
ME111	Engineering Drawing	2-0-3	7	AB
PH101	Physics - I	2-1-0	6	BB

Credits Taken: 49 Credits Cleared: 49 SPI: 7.84 CPI: 7.84

Sem	ester	2

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

Credits Taken: 44 Credits Cleared: 44 SPI: 7.7 CPI: 7.77

#### Semester 3

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

Credits Taken: 46 Credits Cleared: 46 SPI: 7.46 CPI: 7.67

#### Semester 4

Sub Code	Subject Name	L-T-P	CRD	GRD
EE203	Analog Integrated Circuits	3-0-0	6	ВВ
EE204	Analog Circuits Laboratory	0-0-3	3	AA
EE230	Principles of Communication	3-1-0	8	ВС
EE280	Electrical Machines	3-0-0	6	AA
EE281	Electrical Machines Laboratory	0-0-3	3	ВВ
HS222	Language, Human Mind and Indian Society	3-0-0	6	ВВ
MA225	Probability Theory and Random Processes	3-1-0	8	AB
MA231	Introduction to Numerical Methods	3-0-0	6	ВВ

Credits Taken: 46 Credits Cleared: 46 SPI: 8.39 CPI: 7.85

#### Semester 5

Subject Name	L-T-P	CRD	GRD
Introduction to VLSI Design	3-0-0	6	ВВ
VLSI laboratory	0-0-3	3	вс
Digital Signal Processing	3-0-0	6	вс
Communication Laboratory	0-0-3	3	ВВ
Control Systems	3-0-0	6	ВВ
Electronic Instrumentation	3-0-0	6	ВВ
Instrumentation and Control Lab	0-0-3	3	AA
Electrical Power Systems	3-0-0	6	ВВ
	Introduction to VLSI Design  VLSI laboratory  Digital Signal Processing  Communication Laboratory  Control Systems  Electronic Instrumentation  Instrumentation and Control Lab	Introduction to VLSI Design 3-0-0  VLSI laboratory 0-0-3  Digital Signal Processing 3-0-0  Communication Laboratory 0-0-3  Control Systems 3-0-0  Electronic Instrumentation 3-0-0  Instrumentation and Control Lab 0-0-3	Introduction to VLSI Design 3-0-0 6  VLSI laboratory 0-0-3 3  Digital Signal Processing 3-0-0 6  Communication Laboratory 0-0-3 3  Control Systems 3-0-0 6  Electronic Instrumentation 3-0-0 6  Instrumentation and Control Lab 0-0-3 3

Credits Taken: 39 Credits Cleared: 39 SPI: 7.92 CPI: 7.86

#### Semester 6

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

Credits Taken: 40 Credits Cleared: 40 SPI: 8.35 CPI: 7.94

# Semester 7

Sub Code	Subject Name	L-T-P	CRD	GRD
EE400	Summer Training	0-0-0	2	AA
EE410	VLSI CAD	3-0-0	6	AA
EE430	Fiber Optic Transmission Systems and Networks	3-0-0	6	AA
EE480	Electrical Power Systems Operation and Control	3-0-0	6	AB
EE481	Power Electronics and Drives	3-0-0	6	AA
EE482	Advanced Electrical Engineering Laboratory	0-0-3	3	AB
EE498	Project - I	0-0-8	10	AB
ME481	Introduction to Biomechanics	3-0-0	6	BB

Credits Taken: 45 Credits Cleared: 45 SPI: 9.31 CPI: 8.14

### Semester 8

Sub Code	Subject Name	L-T-P	CRD	GRD
CE502	Infrastructure Economics	3-0-0	6	AB
EE483	Distributed Energy Resources	3-0-0	6	AB
EE499	Project - II	0-0-14	14	AB
EE508	Intelligent Visual Surveillance Systems	3-0-0	6	AB
HS441	Industrial and Organizational Psychology	3-0-0	6	AB

Credits Taken: 38 Credits Cleared: 38 SPI: 9.0 CPI: 8.23

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Assistant Registrar (Academic)



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