

# भारतीय प्रौद्योगिकी संस्थान पटना INDIAN INSTITUTE OF TECHNOLOGY PATNA



## **TRANSCRIPT**

INTERIM TRANSCRIPT

Roll No: 0401EE11

Programe: Bachelor of Technology

Name: Arlena Murrow Course: EE

Year of Admission: 2004

Semester1

Subject Name	L-T-P	CRD	GRD
Chemistry - I	3-1-0	8	AA
Chemistry Laboratory	0-0-3	3	AA
Electrical Sciences	3-1-0	8	BC
English : Language Through Literature	3-0-0	6	BB
Mathematics - I	3-1-0	8	AB
Engineering Drawing	2-0-3	7	AB
Physics - I	2-1-0	6	AB
Physics Laboratory	0-0-3	3	AA
	Chemistry - I  Chemistry Laboratory  Electrical Sciences  English : Language Through Literature  Mathematics - I  Engineering Drawing  Physics - I	Chemistry - I   3-1-0     Chemistry Laboratory   0-0-3     Electrical Sciences   3-1-0     English : Language Through Literature   3-0-0     Mathematics - I   3-1-0     Engineering Drawing   2-0-3     Physics - I   2-1-0	Chemistry - I         3-1-0         8           Chemistry Laboratory         0-0-3         3           Electrical Sciences         3-1-0         8           English : Language Through Literature         3-0-0         6           Mathematics - I         3-1-0         8           Engineering Drawing         2-0-3         7           Physics - I         2-1-0         6

Credits Taken: 49.0 Credits Cleared: 49.0 CPI: 8.84 SPI: 8.84

Subject Name	L-T-P	CRD	GRD
Chemistry - II	3-0-0	6	AB
Introduction to Computing	3-0-0	6	BC
Computing Laboratory	0-0-3	3	BC
Basic Electronics Laboratory	0-0-4	4	AB
Mathematics - II	3-1-0	8	BC
Engineering Mechanics	3-1-0	8	ВС
Workshop - I	0-0-3	3	AA
Physics - II	2-1-0	6	AB
	Chemistry - II  Introduction to Computing  Computing Laboratory  Basic Electronics Laboratory  Mathematics - II  Engineering Mechanics  Workshop - I	Chemistry - II   3-0-0	Chemistry - II   3-0-0   6

Credits Taken: 44.0 Credits Cleared: 44.0 CPI: 8.41 SPI: 7.93

#### Semester3

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

Credits Taken: 46.0 Credits Cleared: 46.0 CPI: 8.42 SPI: 8.43

#### Semester4

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

Credits Taken: 46.0 Credits Cleared: 46.0 CPI: 8.53 SPI: 8.87

#### Semester5

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	AB
EE320	Digital Signal Processing	3-0-0	6	AA
EE331	Communication Laboratory	0-0-3	3	AB
EE350	Control Systems	3-0-0	6	AA
EE370	Electronic Instrumentation	3-0-0	6	CC
EE371	Instrumentation and Control Lab	0-0-3	3	AB
EE380	Electrical Power Systems	3-0-0	6	AB

Credits Taken: 39.0 Credits Cleared: 39.0 CPI: 8.56 SPI: 8.69

#### Semester6

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

Credits Taken: 40.0 Credits Cleared: 40.0 CPI: 8.53 SPI: 8.35

#### Semester7

Sub. Code	Subject Name	L-T-P	CRD	GRD
EE400	Summer Training	0-0-0	2	AA
EE430 Fil	er Optic Transmission Systems and Netwo	rks 3-0-0	6	AB
EE480 EI	ectrical Power Systems Operation and Con	rol 3-0-0	6	BB
EE481	Power Electronics and Drives	3-0-0	6	ВС
EE482	dvanced Electrical Engineering Laborator	0-0-3	3	BB
EE490	Image Processing	3-0-0	6	AA
EE498	Project - I	0-0-8	10	BB
PH402	Solid State Devices	3-0-0	6	AB

Credits Taken: 45.0 Credits Cleared: 45.0 CPI: 8.52 SPI: 8.49

### Semester8

Sub. Code	Subject Name	L-T-P	CRD	GRD
EE483	Distributed Energy Resources	3-0-0	6	ВС
EE491	Visual Surveillance Systems	3-0-0	6	BB
EE499	Project - II	0-0-14	14	BB
HS441	Industrial and Organizational Psychology	3-0-0	6	ВС
MA412	Matrix Computation	3-0-0	6	BB

Credits Taken: 38.0 Credits Cleared: 38.0 CPI: 8.43 SPI: 7.68

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**Assistant Registrar(Academic)**