

# भारतीय प्रौद्योगिकी संस्थान पटना Indian Institute of Technology Patna



## Transcript

Roll No.: 0401EE11

Name: Arlena Murrow

Year of Admission: 2004

Programme: Bachelor of Technology

Course : EE

#### Semester 1

Sub Code	Subject Name	L-T-P	CRD	GRD
CH101	Chemistry - I	3-1-0	8	AA
CH110	Chemistry Laboratory	0-0-3	3	AA
EE101	Electrical Sciences	3-1-0	8	вс
HS101	English : Language Through Literature	3-0-0	6	ВВ
MA101	Mathematics - I	3-1-0	8	АВ
ME111	Engineering Drawing	2-0-3	7	AB
PH101	Physics - I	2-1-0	6	AB
PH110	Physics Laboratory	0-0-3	3	AA

Credits Taken: 49 Credits Cleared: 49 SPI: 8.84 CPI: 8.84 Semester 2

Sub Code	Subject Name	L-T-P	CRD	GRD
CH102	Chemistry - II	3-0-0	6	AB
CS101	Introduction to Computing	3-0-0	6	ВС
CS110	Computing Laboratory	0-0-3	3	вс
EE102	Basic Electronics Laboratory	0-0-4	4	AB
MA102	Mathematics - II	3-1-0	8	вс
ME101	Engineering Mechanics	3-1-0	8	вс
ME110	Workshop - I	0-0-3	3	AA
PH102	Physics - II	2-1-0	6	AB

Credits Taken: 44 Credits Cleared: 44

#### Semester 3

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

Credits Taken: 46 Credits Cleared: 46 SPI: 8.43 CPI: 8.42

#### Semester 4

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	ВВ
EE280	Electrical Machines	3-0-0	6	вс
EE281	Electrical Machines Laboratory	0-0-3	3	ВВ
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 Credits Cleared: 46 SPI: 8.87 CPI: 8.53

#### Semester 5

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

Credits Taken: 39 Credits Cleared: 39 SPI: 8.69 CPI: 8.56

#### Semester 6

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	Mathematical Methods in Electrical Engineering	3-0-0	6	AB
EE340	Electromagnetic Theory	3-0-0	6	ВВ
EE351	Advanced Control Systems	3-0-0	6	ВВ
EE360	Embedded Systems	3-0-0	6	ВВ
EE361	Embedded Systems Laboratory	0-0-3	3	AB
HS331	Sociology of Development	3-0-0	6	ВС

Credits Taken: 40 Credits Cleared: 40 SPI: 8.35 CPI: 8.53

#### Semester 7

Credits Taken: 43 Credits Cleared: 43

Sub Code	Subject Name	L-T-P	CRD	GRD
EE400	Summer Training	0-0-0	2	AA
EE430	Fiber Optic Transmission Systems and Networks	3-0-0	6	AB
EE480	Electrical Power Systems Operation and Control	3-0-0	6	ВВ
EE481	Power Electronics and Drives	3-0-0	6	вс
EE482	Advanced Electrical Engineering Laboratory	0-0-3	3	ВВ
EE490	Image Processing	3-0-0	6	AA
EE498	Project - I	0-0-8	8	ВВ
PH402	Solid State Devices	3-0-0	6	АВ

SPI: 8.51 CPI: 8.52

### Semester 8

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	ВВ
EE499	Project - II	0-0-14	14	ВВ
HS441	Industrial and Organizational Psychology	3-0-0	6	ВС
MA412	Matrix Computation	3-0-0	6	ВВ

Credits Taken: 38 Credits Cleared: 38 SPI: 7.68 CPI: 8.43

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