

# भारतीय प्रौद्योगिकी संस्थान पटना Indian Institute of Technology Patna



# Transcript

Roll No.: 0501EE23

Name: Corry Bernocchi

Course : EE

Year of Admission: 2005

Programme: Bachelor of Technology

#### 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	АВ
EE101	Electrical Sciences	3-1-0	8	ВВ
HS101	English : Language Through Literature	3-0-0	6	вс
MA101	Mathematics - I	3-1-0	8	сс
ME110	Workshop - I	0-0-3	3	ВВ
ME111	Engineering Drawing	2-0-3	7	вс
PH101	Physics - I	2-1-0	6	вс

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	сс
CS101	Introduction to Computing	3-0-0	6	сс
CS110	Computing Laboratory	0-0-3	3	вс
EE102	Basic Electronics Laboratory	0-0-4	4	ВВ
MA102	Mathematics - II	3-1-0	8	сс
ME101	Engineering Mechanics	3-1-0	8	CD
PH102	Physics - II	2-1-0	6	вс
PH110	Physics Laboratory	0-0-3	3	ВВ

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	сс
EE200	Semiconductor Devices and Circuits	3-0-0	6	ВС
EE201	Digital Circuits and Microprocessors	3-0-0	6	ВС
EE202	Digital Circuits Laboratory	0-0-3	3	АВ
EE220	Signal, System and Networks	3-1-0	8	ВС
HS201	Introductory Microeconomics	3-0-0	6	ВВ
MA201	Mathematics - III	3-1-0	8	вс

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

#### Semester 4

Semester 8

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	вс
EE280	Electrical Machines	3-0-0	6	CD
EE281	Electrical Machines Laboratory	0-0-3	3	DD
HS202	Introductory Macroeconomics	3-0-0	6	сс
MA225	Probability Theory and Random Processes	3-1-0	8	ВС
MA251	Optimization Techniques	3-0-0	6	сс

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	ВС
EE311	VLSI laboratory	0-0-3	3	ВС
EE320	Digital Signal Processing	3-0-0	6	сс
EE331	Communication Laboratory	0-0-3	3	вс
EE350	Control Systems	3-0-0	6	CD
EE370	Electronic Instrumentation	3-0-0	6	сс
EE371	Instrumentation and Control Lab	0-0-3	3	сс
EE380	Electrical Power Systems	3-0-0	6	CD

Credits Taken: 39 Credits Cleared: 39 CPI: 6.49

#### 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	сс
EE340	Electromagnetic Theory	3-0-0	6	CD
EE351	Advanced Control Systems	3-0-0	6	CD
EE360	Embedded Systems	3-0-0	6	сс
EE361	Embedded Systems Laboratory	0-0-3	3	ВС
HS311	Diasporic Literature	3-0-0	6	сс

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

### Semester 7

Credits Taken: 43 Credits Cleared: 43

Sub Code	Subject Name	L-T-P	CRD	GRD
EE400	Summer Training	0-0-0	2	ВС
EE430	Fiber Optic Transmission Systems and Networks	3-0-0	6	ВС
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	ВВ
EE498	Project - I	0-0-8	8	вс
PH401	Introduction to Nanomaterials	3-0-0	6	вс

SPI: 6.3

CPI: 6.4

Sub Code	Subject Name	L-T-P	CRD	GRD
CE442	Industrial Waste Treatment and Management	3-0-0	6	сс
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	ВС

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

**Assistant Registrar** Date Generated: 2021-12-04 00:49 Seal