

# भारतीय प्रौद्योगिकी संस्थान पटना Indian Institute of Technology Patna



Transcript

Roll No.: 0401EE20

Name : Angil Heartfield

Year of Admission: 2004

Programme: Bachelor of Technology

Course : EE

#### Semester 1

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

Credits Taken: 49 Credits Cleared: 49 SPI: 7.22 CPI: 7.22

### 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	CD
EE102	Basic Electronics Laboratory	0-0-4	4	ВС
MA102	Mathematics - II	3-1-0	8	CD
ME101	Engineering Mechanics	3-1-0	8	сс
ME110	Workshop - I	0-0-3	3	AB
PH102	Physics - II	2-1-0	6	сс

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	ВВ
EE200	Semiconductor Devices and Circuits	3-0-0	6	ВВ
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: 7.59 CPI: 6.97

#### 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	АВ
EE230	Principles of Communication	3-1-0	8	АВ
EE280	Electrical Machines	3-0-0	6	вс
EE281	Electrical Machines Laboratory	0-0-3	3	АВ
HS202	Introductory Macroeconomics	3-0-0	6	вс
MA225	Probability Theory and Random Processes	3-1-0	8	вс
MA251	Optimization Techniques	3-0-0	6	вс

Credits Taken: 46 Credits Cleared: 46 SPI: 7.74 CPI: 7.16

#### Semester 5

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

Credits Taken: 39 Credits Cleared: 39 CPI: 7.31

#### 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	ВВ
EE322	Mathematical Methods in Electrical Engineering	3-0-0	6	вс
EE340	Electromagnetic Theory	3-0-0	6	ВВ
EE351	Advanced Control Systems	3-0-0	6	сс
EE360	Embedded Systems	3-0-0	6	ВВ
EE361	Embedded Systems Laboratory	0-0-3	3	ВВ
HS331	Sociology of Development	3-0-0	6	ВВ

Credits Taken: 40 Credits Cleared: 40 SPI: 7.65 CPI: 7.36

#### Semester 7

Credits Taken: 43 Credits Cleared: 43

Sub Code	Subject Name	L-T-P	CRD	GRD
EE400	Summer Training	0-0-0	2	АВ
EE430	Fiber Optic Transmission Systems and Networks	3-0-0	6	ВВ
EE480	Electrical Power Systems Operation and Control	3-0-0	6	вс
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	ВВ
EE498	Project - I	0-0-8	8	ВВ
PH402	Solid State Devices	3-0-0	6	ВВ

SPI: 7.77 CPI: 7.42

## 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	сс
EE499	Project - II	0-0-14	14	CD
HS441	Industrial and Organizational Psychology	3-0-0	6	ВВ
PH403	Photovoltaics & Fuel Cell Technology	3-0-0	6	ВВ

Credits Taken: 38 Credits Cleared: 38 SPI: 6.42 CPI: 7.31

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