

# भारतीय प्रौद्योगिकी संस्थान पटना Indian Institute of Technology Patna



# Transcript

Roll No.: 0501EE14

Name: Salaidh Scallon

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	AB
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	CD
ME110	Workshop - I	0-0-3	3	ВВ
ME111	Engineering Drawing	2-0-3	7	ВС
PH101	Physics - I	2-1-0	6	ВВ

Credits Taken: 49 Credits Cleared: 49 SPI: 6.98 CPI: 6.98

## Semester 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	вс
EE102	Basic Electronics Laboratory	0-0-4	4	АВ
MA102	Mathematics - II	3-1-0	8	вс
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: 6.89 CPI: 6.94

#### Semester 3

Sub Code	Subject Name	L-T-P	CRD	GRD
CS201	Object Oriented Programming and Data Structures	3-0-3	9	CD
EE200	Semiconductor Devices and Circuits	3-0-0	6	ВВ
EE201	Digital Circuits and Microprocessors	3-0-0	6	сс
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	АВ
MA201	Mathematics - III	3-1-0	8	сс

SPI: 6.83 CPI: 6.9 Credits Taken: 46 Credits Cleared: 46

#### Semester 4

Semester 8

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

Credits Taken: 46 Credits Cleared: 46 SPI: 7.41 CPI: 7.03

#### 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	ВВ
EE331	Communication Laboratory	0-0-3	3	ВВ
EE350	Control Systems	3-0-0	6	ВВ
EE370	Electronic Instrumentation	3-0-0	6	ВВ
EE371	Instrumentation and Control Lab	0-0-3	3	АВ
EE380	Electrical Power Systems	3-0-0	6	ВС

Credits Taken: 39 Credits Cleared: 39 CPI: 7.2

#### Semester 6

Sub Code	Subject Name	L-T-P	CRD	GRD
EE304	Design Laboratory	0-0-4	4	ВВ
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	ВС
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
HS311	Diasporic Literature	3-0-0	6	AB

Credits Taken: 40 Credits Cleared: 40 SPI: 7.85 CPI: 7.3

### Semester 7

Credits Taken: 43 Credits Cleared: 43

Sub Code	Subject Name	L-T-P	CRD	GRD
EE400	Summer Training	0-0-0	2	ВВ
EE430	Fiber Optic Transmission Systems and Networks	3-0-0	6	AB
EE480	Electrical Power Systems Operation and Control	3-0-0	6	ВС
EE481	Power Electronics and Drives	3-0-0	6	ВВ
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	AB
PH402	Solid State Devices	3-0-0	6	АВ

SPI: 8.33 CPI: 7.44

Sub Code	Subject Name	L-T-P	CRD	GRD
EE483	Distributed Energy Resources	3-0-0	6	вс
EE499	Project - II	0-0-14	14	ВС
EE508	Intelligent Visual Surveillance Systems	3-0-0	6	ВС
HS441	Industrial and Organizational Psychology	3-0-0	6	ВВ
PH403	Photovoltaics & Fuel Cell Technology	3-0-0	6	ВС

Credits Taken: 38 Credits Cleared: 38 SPI: 7.16 CPI: 7.41

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