

# भारतीय प्रौद्योगिकी संस्थान पटना Indian Institute of Technology Patna



Transcript

Roll No.: 0401EE24

Name: Jackquelin Luke

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	вс
CH110	Chemistry Laboratory	0-0-3	3	AA
EE101	Electrical Sciences	3-1-0	8	сс
HS101	English : Language Through Literature	3-0-0	6	ВВ
MA101	Mathematics - I	3-1-0	8	сс
ME111	Engineering Drawing	2-0-3	7	ВВ
PH101	Physics - I	2-1-0	6	CD
PH110	Physics Laboratory	0-0-3	3	AA

Credits Taken: 49 Credits Cleared: 49 SPI: 7.06 CPI: 7.06

# 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	DD
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	АВ
PH102	Physics - II	2-1-0	6	CD

Credits Taken: 44 Credits Cleared: 44 SPI: 5.64 CPI: 6.39

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

SPI: 6.67 CPI: 6.48 Credits Taken: 46 Credits Cleared: 46

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

Credits Taken: 46 Credits Cleared: 46 SPI: 7.7 CPI: 6.78

#### 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	ВВ
EE320	Digital Signal Processing	3-0-0	6	АВ
EE331	Communication Laboratory	0-0-3	3	ВВ
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	ВВ
EE380	Electrical Power Systems	3-0-0	6	АВ

Credits Taken: 39 Credits Cleared: 39 CPI: 7.0

#### 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	ВВ
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	AB

Credits Taken: 40 Credits Cleared: 40 SPI: 8.12 CPI: 7.17

### Semester 7

Credits Taken: 43 Credits Cleared: 43

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

SPI: 8.65 CPI: 7.37

# Semester 8

Sub Code	Subject Name	L-T-P	CRD	GRD
EE483	Distributed Energy Resources	3-0-0	6	AA
EE491	Visual Surveillance Systems	3-0-0	6	AB
EE499	Project - II	0-0-14	14	ВС
HS441	Industrial and Organizational Psychology	3-0-0	6	ВВ
PH403	Photovoltaics & Fuel Cell Technology	3-0-0	6	AB

Credits Taken: 38 Credits Cleared: 38 SPI: 8.26 CPI: 7.47

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