

# भारतीय प्रौद्योगिकी संस्थान पटना Indian Institute of Technology Patna Transcript



roll no: 0501EE06 programme : Bachelor of Technology Name: Pietrek Pykett Discpline:EE

Year of admission: 2005

## semester1

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Subject No.	Subject Name	L-T-P	Credit	Grade	
CH101	Chemistry - I	3-1-0	8	BB	
CH110	Chemistry Laboratory	0-0-3	3	BB	
EE101	Electrical Sciences	3-1-0	8	AB	
HS101	English : Language Through Literature	3-0-0	6	CC	
MA101	Mathematics - I	3-1-0	8	BC	
ME110	Workshop - I	0-0-3	3	BB	
ME111	Engineering Drawing	2-0-3	7	AA	
PH101	Physics - I	2-1-0	6	BB	

credits\_taken :49 spi :8.04 cpi :8.04 creidts\_cleared :49

# semester2

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Subject No.	Subject Name	L-T-P	Credit	Grade		
CH102	Chemistry - II	3-0-0	6	CC		
CS101	Introduction to Computing	3-0-0	6	BC		
CS110	Computing Laboratory	0-0-3	3	BB		
EE102	Basic Electronics Laboratory	0-0-4	4	BB		
MA102	Mathematics - II	3-1-0	8	BB		
ME101	Engineering Mechanics	3-1-0	8	BC		
PH102	Physics - II	2-1-0	6	BB		
PH110	Physics Laboratory	0-0-3	3	AA		

credits\_taken :44 spi :7.55 cpi :7.81 creidts\_cleared :44

#### semester3

Subject No.	Subject Name	L-T-P	Credit	Grade
CS201	Object Oriented Programming and Data Structures	3-0-3	9	ВС
EE200	Semiconductor Devices and Circuits	3-0-0	6	AB
EE201	Digital Circuits and Microprocessors	3-0-0	6	BB
EE202	Digital Circuits Laboratory	0-0-3	3	AB
EE220	Signal, System and Networks	3-1-0	8	BB
HS221	Fundamentals of Linguistics Science	3-0-0	6	BB
MA201	Mathematics - III	3-1-0	8	BC

credits\_taken :46 spi :7.83 cpi :7.81 creidts\_cleared :46

## semester4

Subject No.	Subject Name	L-T-P	Credit	Grade
EE203	Analog Integrated Circuits	3-0-0	6	BB
EE204	Analog Circuits Laboratory	0-0-3	3	AB
EE230	Principles of Communication	3-1-0	8	AA
EE280	Electrical Machines	3-0-0	6	СС
EE281	Electrical Machines Laboratory	0-0-3	3	AA
HS222	Language, Human Mind and Indian Society	3-0-0	6	AB
MA225	Probability Theory and Random Processes	3-1-0	8	BB
MA251	Optimization Techniques	3-0-0	6	BC

credits\_taken :46 spi :8.28 cpi :7.93 creidts\_cleared :46

## semester5

Subject No.	Subject Name	L-T-P	Credit	Grade
EE310	Introduction to VLSI Design	3-0-0	6	AB
EE311	VLSI laboratory	0-0-3	3	AB
EE320	Digital Signal Processing	3-0-0	6	AB
EE331	Communication Laboratory	0-0-3	3	BB
EE350	Control Systems	3-0-0	6	AB
EE370	Electronic Instrumentation	3-0-0	6	BC
EE371	Instrumentation and Control Lab	0-0-3	3	AB
EE380	Electrical Power Systems	3-0-0	6	BC

credits\_taken :39 spi :8.31 cpi :8 creidts\_cleared :39

#### semester6

St	ubject No.	Subject Name	L-T-P	Credit	Grade
E	E304	Design Laboratory	0-0-4	4	AA
E	E321	Digital Signal Processing Laboratory	0-0-3	3	BB
E	E322	Mathematical Methods in Electrical Engineering	3-0-0	6	BB
E	E340	Electromagnetic Theory	3-0-0	6	ВС
E	E351	Advanced Control Systems	3-0-0	6	DD
E	E360	Embedded Systems	3-0-0	6	ВС
E	E361	Embedded Systems Laboratory	0-0-3	3	BB
H	S331	Sociology of Development	3-0-0	6	AB

credits\_taken :40 spi :7.45 cpi :7.91 creidts\_cleared :40

## semester7

Subject No.	Subject Name	L-T-P	Credit	Grade
EE400	Summer Training	0-0-0	2	AB
EE430	Fiber Optic Transmission Systems and Networks	3-0-0	6	BB
EE480	Electrical Power Systems Operation and Control	3-0-0	6	СС
EE481	Power Electronics and Drives	3-0-0	6	BB
EE482	Advanced Electrical Engineering Laboratory	0-0-3	3	AB
EE490	Image Processing	3-0-0	6	BB
EE498	Project - I	0-0-8	10	AB
PH401	Introduction to Nanomaterials	3-0-0	6	BB

credits\_taken :45 spi :8.07 cpi :7.94 creidts\_cleared :45

#### semester8

Subject No.	Subject Name	L-T-P	Credit	Grade
EE483	Distributed Energy Resources	3-0-0	6	CD
EE499	Project - II	0-0-14	14	AB
EE508	Intelligent Visual Surveillance Systems	3-0-0	6	BC
HS441	Industrial and Organizational Psychology	3-0-0	6	BB
PH403	Photovoltaics & Fuel Cell Technology	3-0-0	6	CC

credits\_taken :38 spi :7.42 cpi :7.88 creidts\_cleared :38

Assistant Registrar(Academic)

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