भारतीय प्रौद्योगिकी संस्थान पटना
Indian Institute of Technology Patna

Roll number : 0501EE06   Name : Pietrek Pykett   Year of admission : 2005

Programme : Bachelor of Technology   Course : Electrical Engineering

Semester1

Subject code	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

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Semester2

Subject code	Subject Name	L-T-P	Credit	Grade
CH102	Chemistry - II	3-1-0	8	BB
CS101	Introduction to Computing	0-0-3	3	BB
CS110	Computing Laboratory	3-1-0	8	AB
EE102	Basic Electronics Laboratory	3-0-0	6	CC
MA102	Mathematics - II	3-1-0	8	BC
ME101	Engineering Mechanics	0-0-3	3	BB
PH102	Physics - II	2-0-3	7	AA
PH110	Physics Laboratory	2-1-0	6	BB

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Semester3

Subject code	Subject Name	L-T-P	Credit	Grade
CS201	Object Oriented Programming and Data Structures	3-0-3	9	BC
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

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Semester4

Subject code	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	CC
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

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Semester5

Subject code	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

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Semester6

Subject code	Subject Name	L-T-P	Credit	Grade
EE304	Design Laboratory	0-0-4	4	AA
EE321	Digital Signal Processing Laboratory	0-0-3	3	BB
EE322	Mathematical Methods in Electrical Engineering	3-0-0	6	BB
EE340	Electromagnetic Theory	3-0-0	6	BC
EE351	Advanced Control Systems	3-0-0	6	DD
EE360	Embedded Systems	3-0-0	6	BC
EE361	Embedded Systems Laboratory	0-0-3	3	BB
HS331	Sociology of Development	3-0-0	6	AB

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Semester7

Subject code	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	CC
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	8	AB
PH401	Introduction to Nanomaterials	3-0-0	6	BB

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Semester8

Subject code	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

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Semester9

Semester10

Date and Time : December 12,2021   14:36:15

Assistant Registrar (Academic)