भारतीय प्रौद्योगिकी संस्थान पटना
Indian Institute of Technology Patna

Roll No: 0501EE07   **Name:** Ad Twinbourne   **Year of Admission:** 2005

Programme: Bachelor of Technology   **Course:** Electrical Engineering

Semester 1

Sub. Code	Subject Name	L-T-P	CRD	GRD
CH101	Chemistry - I	3-1-0	8	BB
CH110	Chemistry Laboratory	0-0-3	3	AB
EE101	Electrical Sciences	3-1-0	8	AB
HS101	English : Language Through Literature	3-0-0	6	BB
MA101	Mathematics - I	3-1-0	8	BC
ME110	Workshop - I	0-0-3	3	BB
ME111	Engineering Drawing	2-0-3	7	AB
PH101	Physics - I	2-1-0	6	CC

Credits Taken: 49　Credits Cleared: 49　SPI: 7.96　CPI: 7.96

Semester 2

Sub. Code	Subject Name	L-T-P	CRD	GRD
CH102	Chemistry - II	3-0-0	6	BC
CS101	Introduction to Computing	3-0-0	6	CC
CS110	Computing Laboratory	0-0-3	3	BC
EE102	Basic Electronics Laboratory	0-0-4	4	BB
MA102	Mathematics - II	3-1-0	8	BC
ME101	Engineering Mechanics	3-1-0	8	CC
PH102	Physics - II	2-1-0	6	BC
PH110	Physics Laboratory	0-0-3	3	BB

Credits Taken: 44　Credits Cleared: 44　SPI: 6.84　CPI: 7.43

Semester 3

Sub. Code	Subject Name	L-T-P	CRD	GRD
CS201	Object Oriented Programming and Data Structures	3-0-3	9	CC
EE200	Semiconductor Devices and Circuits	3-0-0	6	BB
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	BC
HS221	Fundamentals of Linguistics Science	3-0-0	6	AB
MA201	Mathematics - III	3-1-0	8	BC

Credits Taken: 46　Credits Cleared: 46　SPI: 7.46　CPI: 7.44

Semester 4

Sub. Code	Subject Name	L-T-P	CRD	GRD
EE203	Analog Integrated Circuits	3-0-0	6	CC
EE204	Analog Circuits Laboratory	0-0-3	3	AB
EE230	Principles of Communication	3-1-0	8	BC
EE280	Electrical Machines	3-0-0	6	CC
EE281	Electrical Machines Laboratory	0-0-3	3	AB
HS222	Language, Human Mind and Indian Society	3-0-0	6	AB
MA225	Probability Theory and Random Processes	3-1-0	8	CC
MA251	Optimization Techniques	3-0-0	6	BB

Credits Taken: 46　Credits Cleared: 46　SPI: 7.22　CPI: 7.39

Semester 5

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

Credits Taken: 39　Credits Cleared: 39　SPI: 7.08　CPI: 7.34

Semester 6

Sub. Code	Subject Name	L-T-P	CRD	GRD
EE304	Design Laboratory	0-0-4	4	BC
EE321	Digital Signal Processing Laboratory	0-0-3	3	BB
EE322	Mathematical Methods in Electrical Engineering	3-0-0	6	CC
EE340	Electromagnetic Theory	3-0-0	6	DD
EE351	Advanced Control Systems	3-0-0	6	CD
EE360	Embedded Systems	3-0-0	6	BC
EE361	Embedded Systems Laboratory	0-0-3	3	BB
HS311	Diasporic Literature	3-0-0	6	BC

Credits Taken: 40　Credits Cleared: 40　SPI: 6.25　CPI: 7.17

Semester 7

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	BB
EE480	Electrical Power Systems Operation and Control	3-0-0	6	DD
EE481	Power Electronics and Drives	3-0-0	6	CD
EE482	Advanced Electrical Engineering Laboratory	0-0-3	3	CC
EE490	Image Processing	3-0-0	6	BB
EE498	Project - I	0-0-8	10	BC
PH401	Introduction to Nanomaterials	3-0-0	6	CD

Credits Taken: 45　Credits Cleared: 45　SPI: 6.36　CPI: 7.05

Semester 8

Sub. Code	Subject Name	L-T-P	CRD	GRD
CE442	Industrial Waste Treatment and Management	3-0-0	6	DD
EE483	Distributed Energy Resources	3-0-0	6	DD
EE499	Project - II	0-0-14	14	CD
EE508	Intelligent Visual Surveillance Systems	3-0-0	6	CC
HS441	Industrial and Organizational Psychology	3-0-0	6	BC

Credits Taken: 38　Credits Cleared: 38　SPI: 5.16　CPI: 6.84

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Assitant Registrar (Academic):