

भारतीय प्रौद्योगिकी संस्थान पटना Indian Institute of Technology Patna



Transcript

Programme: Bachelor of Technology Course: Computer Science and Engineering

Semester 1

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

Credits Taken:49 Credits Cleared:49 SPI:6.35 CPI:6.35

Semester 2

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

Credits Taken:44 Credits Cleared:44 SPI:5.86 CPI:5.86

Semester 3

Sub. Code	Subject Name	L-T-P	CRD	GRD
CS201	Object Oriented Programming and Data	3-0-3	9	CD
CS203	Discrester Manhesmatics	3-0-0	6	BC
CS221	Digital Design	3-0-0	6	CC
EE220	Signal, System and Networks	3-1-0	8	CC
HS201	Introductory Microeconomics	3-0-0	6	CC
MA201	Mathematics - III	3-1-0	8	CC

Credits Taken:43 Credits Cleared:43 SPI:5.93 CPI:5.93

Semester 4

Sub. Code	Subject Name	L-T-P	CRD	GRD
CS204	Algorithms	3-0-0	6	BC
CS222	Computer Organization and Architecture	3-0-0	6	CD
CS223	Hardware Laboratory	0-0-3	3	BC
CS241	Software Engineering	2-0-3	7	CC
CS242	Systems Programming Laboratory	0-1-3	5	AB
HS202	Introductory Macroeconomics	3-0-0	6	BC
MA225	Probability Theory and Random Processes	3-1-0	8	CD
MA251	Optimization Techniques	3-0-0	6	CD

Credits Taken:47 Credits Cleared:47 SPI:6.21 CPI:6.21

Semester 5

Sub. Code	Subject Name	L-T-P	CRD	GRD
CS301	Formal Language and Automata	3-0-0	6	CD
CS331	Programming Language	3-0-2	8	CD
CS341	Operating Systems	3-0-0	6	BC
CS342	Operating Systems Laboratory	0-1-3	5	BC
CS343	Data Communications	3-0-0	6	DD
CS344	Databases	3-0-0	6	CD
CS345	Databases Laboratory	0-1-3	5	AB

Credits Taken:42 Credits Cleared:42 SPI:5.86 CPI:5.86

Semester 6

Sub. Code	Subject Name	L-T-P	CRD	GRD
CS302	Theory of Computation	3-0-0	6	CD
CS346	Compilers	3-0-0	6	BC
CS347	Compliers Laboratory	0-0-3	3	BB
CS348	Computer Networks	3-0-2	8	CC
CS362	Computer Graphics	3-0-2	8	CD
CS399	Seminar	0-0-3	3	BB
HS311	Diasporic Literature	3-0-0	6	BB

Credits Taken:40 Credits Cleared:40 SPI:6.4 CPI:6.4

Semester 7

Sub. Code	Subject Name	L-T-P	CRD	GRD
CS400	Summer Training	0-0-0	2	BB
CS421	Computer Peripherals and Interfacing	3-0-0	6	CD
CS422	Peripherals and Interfacing Lab	0-1-3	5	BC
CS443	Distributed Systems	3-0-0	6	CC
CS461	Artificial Intelligence	3-0-0	6	CD
CS498	Project - I	0-0-10	10	AB
MA410	Graphs, Groups and Network	3-0-0	6	CC

Credits Taken:41 Credits Cleared:41 SPI:6.66 CPI:6.66

Semester 8

Sub. Code	Subject Name	L-T-P	CRD	GRD
CE442	Industrial Waste Treatment and	3-0-0	6	CD
CS453	Wirele Managem e hat works	3-0-0	6	BC
CS499	Project - II	0-0-16	16	BB
CS502	Pattern Recognition	3-0-0	6	CC
HS441	Industrial and Organizational Psychology	3-0-0	6	BB

Credits Taken:40 Credits Cleared:40 SPI:7.1 CPI:7.1



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Asssistant Registrar (Academic)

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