भारतीय प्रौद्योगिकी संस्थान पटना
Indian Institute of Technology Patna

RollNo.:	0401CS14	Name:	Wallis Gohier	Year of Admission:	2004

Programme: Bachelor of Technology   **Course:** Computer Science and Engineering

Semester 1

Sl No.	Subject No.	Subject Name	L-T-P	Credit	Subject Type	Grade
1	CH101	Chemistry - I	3-1-0	8	CORE	AA
2	CH110	Chemistry Laboratory	0-0-3	3	CORE	AB
3	EE101	Electrical Sciences	3-1-0	8	CORE	AA
4	HS101	English : Language Through Literature	3-0-0	6	CORE	AB
5	MA101	Mathematics - I	3-1-0	8	CORE	AA
6	ME111	Engineering Drawing	2-0-3	7	CORE	CC
7	PH101	Physics - I	2-1-0	6	CORE	AA
8	PH110	Physics Laboratory	0-0-3	3	CORE	AA

Credits Taken:	49	Credits Cleared:	49	SPI:	9.24	CPI:	9.24

Semester 2

Sl No.	Subject No.	Subject Name	L-T-P	Credit	Subject Type	Grade
1	CH102	Chemistry - II	3-0-0	6	CORE	AA
2	CS101	Introduction to Computing	3-0-0	6	CORE	BB
3	CS110	Computing Laboratory	0-0-3	3	CORE	BB
4	EE102	Basic Electronics Laboratory	0-0-4	4	CORE	AB
5	MA102	Mathematics - II	3-1-0	8	CORE	AA
6	ME101	Engineering Mechanics	3-1-0	8	CORE	AA
7	ME110	Workshop - I	0-0-3	3	CORE	AA
8	PH102	Physics - II	2-1-0	6	CORE	AA

Credits Taken:	44	Credits Cleared:	44	SPI:	9.5	CPI:	9.36

Semester 3

Sl No.	Subject No.	Subject Name	L-T-P	Credit	Subject Type	Grade
1	CS201	Object Oriented Programming and Data Structures	3-0-3	9	CORE	AA
2	CS203	Discrete Mathematics	3-0-0	6	CORE	AA
3	CS221	Digital Design	3-0-0	6	CORE	AA
4	EE220	Signal, System and Networks	3-1-0	8	CORE	AA
5	HS201	Introductory Microeconomics	3-0-0	6	HS Elective	AB
6	MA201	Mathematics - III	3-1-0	8	CORE	AA

Credits Taken:	43	Credits Cleared:	43	SPI:	9.86	CPI:	9.52

Semester 4

Sl No.	Subject No.	Subject Name	L-T-P	Credit	Subject Type	Grade
1	CS204	Algorithms	3-0-0	6	CORE	AA
2	CS222	Computer Organization and Architecture	3-0-0	6	CORE	AA
3	CS223	Hardware Laboratory	0-0-3	3	CORE	AA
4	CS241	Software Engineering	2-0-3	7	CORE	AA
5	CS242	Systems Programming Laboratory	0-1-3	5	CORE	AA
6	HS223	Cognition: Language and Computation	3-0-0	6	HS ELECTIVE	AA
7	MA214	Introduction to Computational Topology	3-0-0	6	Elective-Sc.	AA
8	MA225	Probability Theory and Random Processes	3-1-0	8	CORE	AA

Credits Taken:	47	Credits Cleared:	47	SPI:	10.0	CPI:	9.64

Semester 5

Sl No.	Subject No.	Subject Name	L-T-P	Credit	Subject Type	Grade
1	CS301	Formal Language and Automata	3-0-0	6	CORE	AB
2	CS331	Programming Language	3-0-2	8	CORE	AA
3	CS341	Operating Systems	3-0-0	6	CORE	AA
4	CS342	Operating Systems Laboratory	0-1-3	5	CORE	AA
5	CS343	Data Communications	3-0-0	6	CORE	AA
6	CS344	Databases	3-0-0	6	CORE	AA
7	CS345	Databases Laboratory	0-1-3	5	CORE	AA

Credits Taken:	42	Credits Cleared:	42	SPI:	9.86	CPI:	9.68

Semester 6

Sl No.	Subject No.	Subject Name	L-T-P	Credit	Subject Type	Grade
1	CS302	Theory of Computation	3-0-0	6	CORE	AA
2	CS346	Compilers	3-0-0	6	CORE	AA
3	CS347	Compilers Laboratory	0-0-3	3	CORE	AA
4	CS348	Computer Networks	3-0-2	8	CORE	AA
5	CS362	Computer Graphics	3-0-2	8	CORE	AA
6	CS399	Seminar	0-0-3	3	CORE	AA
7	HS331	Sociology of Development	3-0-0	6	HS Elective	AA

Credits Taken:	40	Credits Cleared:	40	SPI:	10.0	CPI:	9.73

Semester 7

Sl No.	Subject No.	Subject Name	L-T-P	Credit	Subject Type	Grade
1	CS400	Summer Training	0-0-0	2	CORE	AA
2	CS401	Foundations of Computer Science	3-0-0	6	OPEN ELECTIVE - I	AA
3	CS421	Computer Peripherals and Interfacing	3-0-0	6	CORE	AA
4	CS422	Peripherals and Interfacing Lab	0-1-3	5	CORE	AA
5	CS443	Distributed Systems	3-0-0	6	DEPARTMENTAL ELECTIVE - II	AA
6	CS461	Artificial Intelligence	3-0-0	6	DEPARTMENTAL ELECTIVE - I	AA
7	CS498	Project - I	0-0-10	10	CORE	AA

Credits Taken:	41	Credits Cleared:	41	SPI:	10.0	CPI:	9.77

Semester 8

Sl No.	Subject No.	Subject Name	L-T-P	Credit	Subject Type	Grade
1	CS449	Computer and Network Security	3-0-0	6	Departmental Elective - III	AA
2	CS453	Wireless Sensor Networks	3-0-0	6	Departmental Elective - IV	AA
3	CS499	Project - II	0-0-16	16	CORE	AA
4	HS441	Industrial and Organizational Psychology	3-0-0	6	HSS Elective	AB
5	MA412	Matrix Computation	3-0-0	6	Open Elective - II	AA

Credits Taken:	40	Credits Cleared:	40	SPI:	9.85	CPI:	9.78

Date Generated: 03 Dec 2021 11:13

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