

# INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

## Performance Details

Roll No.	Name	Department	Course Name	Minor Course Name :	Micro Specialisation Name :
18CS30046	Vattikuti Rahul Naga Sri Bharadhwaj	COMPUTER SCIENCE & ENGINEERING	COMPUTER SCIENCE & ENGG. (M.Tech Dual 5Y)	-	-

### Semester : 1

Curricula Summary	Depth	Elective	Breadth	HSS	IEM	Cumulative Total
Curricula - Registered - Cleared	8 - 9 - 9	0 - 0 - 0	0 - 0 - 0	0 - 0 - 0	0 - 0 - 0	8 - 9 - 9

Subno	Subject Name	Sub. Type	L-T-P	Credit	Reg. Sem.	Register Session.	Grade	Register Status.
CY11001	CHEMISTRY	Depth	3-1-0	4	1	AU-18-19(P)	A	Not Yet Registered
CY19001	CHEMISTRY LAB.	Depth	0-0-3	2	1	AU-18-19(P)	A	Not Yet Registered
EA10001	EXTRA ACADEMIC ACTIVITY-I	Depth	0-0-3	0	1	AU-18-19(P)	A	Not Yet Registered
EA10005	INDUCTION PROGRAM	Depth	0-0-0	0	1	AU-18-19(P)	Y	Not Yet Registered
EE11001	ELECTRICAL TECHNOLOGY	Depth	3-1-0	4	1	AU-18-19(P)	EX	Not Yet Registered
EE19001	ELECTRICAL TECHNOLOGY LAB.	Depth	0-0-3	2	1	AU-18-19(P)	A	Not Yet Registered
HS13001	ENGLISH FOR COMMUNICATION	Depth	3-0-2	4	1	AU-18-19(P)	A	Not Yet Registered
MA10001	MATHEMATICS-I	Depth	3-1-0	4	1	AU-18-19(P)	EX	Not Yet Registered
ME19001	INTRODUCTION TO MANUFACTURING PROCESSES	Depth	0-0-3	2	1	AU-18-19(P)	A	Not Yet Registered

Performance Summary	TCT - TCC	SCT - SCC	NCGPA - CGPA - SGPA	ATCT - ATCC	ASCT - ASCC	ACGPA - ASGPA
Semester - 1	22 - 22	22 - 22	9.36 - 9.36 - 9.36	0 - 0	0 - 0	0.00 - 0.00

### Semester : 2

Curricula Summary	Depth	Elective	Breadth	HSS	IEM	Cumulative Total
Curricula - Registered - Cleared	8 - 8 - 8	0 - 0 - 0	0 - 0 - 0	0 - 0 - 0	0 - 0 - 0	16 - 17 - 17

Subno	Subject Name	Sub. Type	L-T-P	Credit	Reg. Sem.	Register Session.	Grade	Register Status.
CE13001	ENGINEERING DRAWING AND COMPUTER GRAPHICS	Depth	1-0-3	3	2	SP-18-19(P)	B	Not Yet Registered
CS10001	PROGRAMMING AND DATA STRUCTURES	Depth	3-0-0	3	2	SP-18-19(P)	A	Not Yet Registered
CS19101	PROGRAMMING AND DATA STRUCTURES TUTORIAL AND LABORATORY	Depth	0-1-3	3	2	SP-18-19(P)	A	Not Yet Registered
EA10002	EXTRA ACADEMIC ACTIVITY-II	Depth	0-0-3	0	2	SP-18-19(P)	A	Not Yet Registered
MA10002	MATHEMATICS-II	Depth	3-1-0	4	2	SP-18-19(P)	EX	Not Yet Registered
ME10001	MECHANICS	Depth	3-1-0	4	2	SP-18-19(P)	EX	Not Yet Registered
PH11001	PHYSICS	Depth	3-1-0	4	2	SP-18-19(P)	A	Not Yet Registered
PH19001	PHYSICS LAB.	Depth	0-0-3	2	2	SP-18-19(P)	A	Not Yet Registered

Performance Summary	TCT - TCC	SCT - SCC	NCGPA - CGPA - SGPA	ATCT - ATCC	ASCT - ASCC	ACGPA - ASGPA
Semester - 2	45 - 45	23 - 23	9.29 - 9.29 - 9.22	0 - 0	0 - 0	0.00 - 0.00

### Performance Details of 18CS30046

Semester : 3												
Curricula Summary		Depth		Elective		Breadth		HSS	IEM	Cumulative Total		
Curricula - Registered - Cleared		8 - 8 - 8		0 - 0 - 0		0 - 0 - 0		1 - 1 - 1	0 - 0 - 0	25 - 26 - 26		
Subno	Subject Name			Sub. Type	L-T-P	Credit	Reg. Sem.	Register Session.			Grade	Register Status.
EE21101	SIGNALS & NETWORKS			Depth	3-1-0	4	3	AU-19-20(P)			A	Not Yet Registered
CS21001	DISCRETE STRUCTURES			Depth	3-1-0	4	3	AU-19-20(P)			B	Not Yet Registered
EC29003	INTRODUCTION TO ELECTRONICS LAB.			Depth	0-0-3	2	3	AU-19-20(P)			EX	Not Yet Registered
CS21003	ALGORITHMS - I			Depth	3-1-0	4	3	AU-19-20(P)			D	Not Yet Registered
EA10003	EXTRA ACADEMIC ACTIVITY-III			Depth	0-0-3	0	3	AU-19-20(P)			C	Not Yet Registered
EC21103	INTRODUCTION TO ELECTRONICS			Depth	3-1-0	4	3	AU-19-20(P)			B	Not Yet Registered
EE29001	SIGNALS & NETWORKS LAB.			Depth	0-0-3	2	3	AU-19-20(P)			A	Not Yet Registered
CS29003	ALGORITHMS LABORATORY			Depth	0-0-3	2	3	AU-19-20(P)			D	Not Yet Registered
HS20004	POSITIVE PSYCHOLOGY			HSS	3-1-0	4	3	AU-19-20(P)			B	Not Yet Registered
Performance Summary		TCT - TCC		SCT - SCC		NCGPA - CGPA - SGPA		ATCT - ATCC		ASCT - ASCC		ACGPA - ASGPA
Semester - 3		71 - 71		26 - 26		8.79 - 8.79 - 7.92		0 - 0		0 - 0		0.00 - 0.00
Semester : 4												
Curricula Summary		Depth		Elective		Breadth		HSS	IEM	Cumulative Total		
Curricula - Registered - Cleared		7 - 7 - 7		0 - 0 - 0		0 - 0 - 0		1 - 1 - 1	0 - 0 - 0	33 - 34 - 34		
Subno	Subject Name			Sub. Type	L-T-P	Credit	Reg. Sem.	Register Session.			Grade	Register Status.
CS20006	SOFTWARE ENGINEERING			Depth	3-0-0	3	4	SP-19-20(P)			C	Not Yet Registered
CS21002	SWITCHING CIRCUITS AND LOGIC DESIGN			Depth	3-1-0	4	4	SP-19-20(P)			B	Not Yet Registered
CS29002	SWITCHING CIRCUITS LABORATORY			Depth	0-0-3	2	4	SP-19-20(P)			C	Not Yet Registered
CS21004	FORMAL LANGUAGE AND AUTOMATA THEORY			Depth	3-1-0	4	4	SP-19-20(P)			A	Not Yet Registered
CS29006	SOFTWARE ENGINEERING LABORATORY			Depth	0-0-3	2	4	SP-19-20(P)			B	Not Yet Registered
MA20104	PROBABILITY & STATISTICS			Depth	3-0-0	3	4	SP-19-20(P)			EX	Not Yet Registered
EA10004	EXTRA ACADEMIC ACTIVITY-IV			Depth	0-0-3	0	4	SP-19-20(P)			A	Not Yet Registered
ET60004	INFORMATION AND COMMUNICATION TECHNOLOGY IN EDUCATION			HSS(CORE)	3-1-0	4	4	SP-19-20(P)			A	Not Yet Registered
Performance Summary		TCT - TCC		SCT - SCC		NCGPA - CGPA - SGPA		ATCT - ATCC		ASCT - ASCC		ACGPA - ASGPA
Semester - 4		93 - 93		22 - 22		8.70 - 8.70 - 8.41		0 - 0		0 - 0		0.00 - 0.00

### Performance Details of 18CS30046

Semester : 5														
Curricula Summary			Depth		Elective		Breadth		HSS		IEM		Cumulative Total	
Curricula - Registered - Cleared			5 - 5 - 5		1() - 1 - 1		1 - 1 - 1		0 - 0 - 0		0 - 0 - 0		40 - 41 - 41	
Subno	Subject Name			Sub. Type	L-T-P	Credit	Reg. Sem.	Register Session.				Grade	Register Status.	
CS39001	COMPUTER ORGANIZATION LABORATORY			Depth	0-0-6	4	5	AU-20-21(P)				A	Not Yet Registered	
CS39003	COMPILERS LABORATORY			Depth	0-0-3	2	5	AU-20-21(P)				A	Not Yet Registered	
CS31003	COMPILERS			Depth	3-0-0	3	5	AU-20-21(P)				B	Not Yet Registered	
CS31005	ALGORITHMS -II			Depth	3-1-0	4	5	AU-20-21(P)				C	Not Yet Registered	
CS31007	COMPUTER ORGANIZATION & ARCHITECTURE			Depth	3-1-0	4	5	AU-20-21(P)				B	Not Yet Registered	
MA61027	CRYPTOGRAPHY AND NETWORK SECURITY			Elective-I(MATH)	3-1-0	4	5	AU-20-21(P)				A	Not Yet Registered	
ET60017	DIGITAL SIGNAL PROCESSING TECHNIQUES AND ITS APPLICATIONS			Breadth-II	3-1-0	4	5	AU-20-21(P)				A	Not Yet Registered	
Performance Summary		TCT - TCC		SCT - SCC		NCGPA - CGPA - SGPA			ATCT - ATCC		ASCT - ASCC		ACGPA - ASGPA	
Semester - 5		118 - 118		25 - 25		8.64 - 8.64 - 8.40			0 - 0		0 - 0		0.00 - 0.00	
Semester : 6														
Curricula Summary			Depth		Elective		Breadth		HSS		IEM		Cumulative Total	
Curricula - Registered - Cleared			7 - 7 - 7		2() - 2 - 2		0 - 0 - 0		0 - 0 - 0		0 - 0 - 0		49 - 50 - 50	
Subno	Subject Name			Sub. Type	L-T-P	Credit	Reg. Sem.	Register Session.				Grade	Register Status.	
CS30002	OPERATING SYSTEMS			Depth	3-0-0	3	6	SP-20-21(P)				C	Not Yet Registered	
BS20001	SCIENCE OF LIVING SYSTEM			Depth	2-0-0	2	6	SP-20-21(P)				B	Not Yet Registered	
CS39008	PROJECT SEMINAR			Depth	0-0-3	2	6	SP-20-21(P)				A	Not Yet Registered	
CS31006	COMPUTER NETWORKS			Depth	3-0-0	3	6	SP-20-21(P)				A	Not Yet Registered	
CS39006	NETWORKS LAB.			Depth	0-0-3	2	6	SP-20-21(P)				A	Not Yet Registered	
CS39002	OPERATING SYSTEMS LABORATORY			Depth	0-0-3	2	6	SP-20-21(P)				A	Not Yet Registered	
EV20001	ENVIRONMENTAL SCIENCE			Depth	2-0-0	2	6	SP-20-21(P)				B	Not Yet Registered	
CS43002	DATABASE MANAGEMENT SYSTEMS			Elective-II	3-0-3	5	6	SP-20-21(P)				B	Not Yet Registered	
CS40032	PRINCIPLES OF PROGRAMMING LANGUAGES			Elective-III	3-0-0	3	6	SP-20-21(P)				A	Not Yet Registered	
Performance Summary		TCT - TCC		SCT - SCC		NCGPA - CGPA - SGPA			ATCT - ATCC		ASCT - ASCC		ACGPA - ASGPA	
Semester - 6		142 - 142		24 - 24		8.59 - 8.59 - 8.38			0 - 0		0 - 0		0.00 - 0.00	

### Performance Details of 18CS30046

Semester : 7											
Curricula Summary		Depth	Elective		Breadth		HSS	IEM	Cumulative Total		
Curricula - Registered - Cleared		1 - 1 - 1	4() - 4 - 4		0 - 0 - 0		0 - 0 - 0	0 - 0 - 0	55 - 56 - 56		
Subno	Subject Name	Sub. Type	L-T-P	Credit	Reg. Sem.	Register Session.			Grade	Register Status.	
CS41001	THEORY OF COMPUTATION	Depth	3-1-0	4	7	AU-21-22(P)			B	Not Yet Registered	
CS60092	INFORMATION RETRIEVAL	Elective-IV	3-0-0	3	7	AU-21-22(P)			A	Not Yet Registered	
CS40019	IMAGE PROCESSING	Elective-V	3-0-0	3	7	AU-21-22(P)			A	Not Yet Registered	
CS60050	MACHINE LEARNING	Elective-VI	3-0-0	3	7	AU-21-22(P)			A	Not Yet Registered	
RX60017	SPORTS AND WELL-BEING	Elective-VII	2-0-0	2	7	AU-21-22(P)			B	Not Yet Registered	
CS47007	PROJECT-I	Project-I	0-0-0	3	7	AU-21-22(P)			A	Not Yet Registered	
Performance Summary		TCT - TCC	SCT - SCC		NCGPA - CGPA - SGPA		ATCT - ATCC		ASCT - ASCC		ACGPA - ASGPA
Semester - 7		160 - 160	18 - 18		8.60 - 8.60 - 8.67		0 - 0		0 - 0		0.00 - 0.00
Semester : 8											
Curricula Summary		Depth	Elective		Breadth		HSS	IEM	Cumulative Total		
Curricula - Registered - Cleared		1 - 1 - 1	2(2-D ) - 2(2-D) - 2(2-D)		0 - 0 - 0		0 - 0 - 0	1 - 1 - 1	60 - 62 - 62		
Subno	Subject Name	Sub. Type	L-T-P	Credit	Reg. Sem.	Register Session.			Grade	Register Status.	
CS60003	HIGH PERFORMANCE IN COMPUTER ARCHITECTURE	Depth	4-0-0	4	8	SP-21-22(P)			A	Not Yet Registered	
CS60010	DEEP LEARNING	Elective-IX (PG)	3-0-0	3	8	SP-21-22(P)			EX	Not Yet Registered	
CS60094	COMPUTATIONAL NUMBER THEORY	Elective-VIII (PG)	3-0-0	3	8	SP-21-22(P)			A	Not Yet Registered	
BM40002	INTRODUCTION TO FINANCIAL MANAGEMENT	IEM	3-0-0	3	8	SP-21-22(P)			EX	Not Yet Registered	
CS60075	NATURAL LANGUAGE PROCESSING	Project-II	3-0-0	3	8	SP-21-22(P)			B	Not Yet Registered	
ET60029	TECHNOLOGY FOR SPECIAL NEEDS EDUCATION	Project-II	3-0-0	3	8	SP-21-22(P)			EX	Not Yet Registered	
Performance Summary		TCT - TCC	SCT - SCC		NCGPA - CGPA - SGPA		ATCT - ATCC		ASCT - ASCC		ACGPA - ASGPA
Semester - 8		179 - 179	19 - 19		8.68 - 8.68 - 9.32		0 - 0		0 - 0		0.00 - 0.00

# Performance Details of 18CS30046

Semester : 9												
Curricula Summary			Depth		Elective		Breadth		HSS	IEM	Cumulative Total	
Curricula - Registered - Cleared			4 - 4 - 4		3() - 3 - 3		0 - 0 - 0		0 - 0 - 0	0 - 0 - 0	67 - 69 - 69	
Subno	Subject Name			Sub. Type	L-T-P	Credit	Reg. Sem.	Register Session.			Grade	Register Status.
CS48003	SUMMER TRAINING			Depth	0-0-0	2	9	AU-22-23(P)			EX	Not Yet Registered
CS59001	DESIGN LABORATORY			Depth	0-0-3	2	9	AU-22-23(P)			EX	Not Yet Registered
CS58003	B.TECH. COMPREHENSIVE VIVA			Depth	0-0-0	2	9	AU-22-23(P)			B	Not Yet Registered
CS57003	PROJECT- PART 1			Depth	0-0-18	12	9	AU-22-23(P)			A	Not Yet Registered
CS60077	REINFORCEMENT LEARNING			Elective-X	3-0-0	3	9	AU-22-23(P)			A	Not Yet Registered
AI61003	LINEAR ALGEBRA FOR AI AND ML			Elective-XI	3-1-0	4	9	AU-22-23(P)			EX	Not Yet Registered
ET60023	INTRODUCTION TO COGNITIVE INFORMATION PROCESSING			Elective-XII	3-0-0	3	9	AU-22-23(P)			B	Not Yet Registered
Performance Summary		TCT - TCC		SCT - SCC		NCGPA - CGPA - SGPA		ATCT - ATCC		ASCT - ASCC		ACGPA - ASGPA
Semester - 9		207 - 207		28 - 28		8.73 - 8.73 - 9.11		0 - 0		0 - 0		0.00 - 0.00
Semester : 10												
Curricula Summary			Depth		Elective		Breadth		HSS	IEM	Cumulative Total	
Curricula - Registered - Cleared			2 - 2 - 2		2() - 2 - 2		0 - 0 - 0		0 - 0 - 0	0 - 0 - 0	71 - 73 - 73	
Subno	Subject Name			Sub. Type	L-T-P	Credit	Reg. Sem.	Register Session.			Grade	Register Status.
CS57004	PROJECT- PART 2			Depth	0-0-20	13	10	SP-22-23(P)			EX	Currently Registered
CS58004	COMPREHENSIVE VIVA			Depth	0-0-0	2	10	SP-22-23(P)			A	Currently Registered
RX61002	SUSTAINABLE HAPPINESS			Elective-XIII	3-0-2	4	10	SP-22-23(P)			A	Currently Registered
AI60004	BIG DATA PROCESSING			Elective-XIV	3-0-0	3	10	SP-22-23(P)			A	Currently Registered
Performance Summary		TCT - TCC		SCT - SCC		NCGPA - CGPA - SGPA		ATCT - ATCC		ASCT - ASCC		ACGPA - ASGPA
Semester - 10		229 - 229		22 - 22		8.82 - 8.82 - 9.59		0 - 0		0 - 0		0.00 - 0.00