

**GENERAL INFORMATION**

1. Abbreviations used in the grade card stands for :
- LTP = Lecture, Tutorial, Practical; figures shown under this column indicate weekly contact hours prescribed for the Subject
- CRD = Credit carried by the Subject
- GRD = Grade obtained by student in the Subject
- CGPA = Cumulative Grade Point Average
- SGPA = Semester Grade Point Average
- GPA = Grade Point Average
2. English is the medium of instruction at all levels.
3. Extra Academic Activity (EAA) subjects include NCC, NSS and NSO.
4. The seven point letter grade system followed by the institute in assessing student's performance in a subject is as follows :
- | Performance | Letter Grade | Grade Point Value Per Credit |
|-------------|--------------|------------------------------|
| Excellent   | EX           | 10                           |
| Very Good   | A            | 9                            |
| Good        | B            | 8                            |
| Fair        | C            | 7                            |
| Average     | D            | 6                            |
| Pass        | P            | 5                            |
| Fail        | F            | 0                            |
5. Highest possible CGPA in the system is 10.00. No rank or class or division is awarded. No system exists for conversion of letter grades into percentage of marks.
- 6.
- (i) A student is awarded a B.Tech. (Hons.)/B.Arch. (Hons.)/Dual Degree – B.Tech. (Hons.) and M.Tech./ Integrated B.Sc.(Hons.) and M.Sc. / 2Yrs. M.Sc. on completion of the curricular requirement with a minimum CGPA of 6.00.
- (ii) The credits and grades obtained in additional subjects optionally taken by a student on satisfying the prescribed conditions do not contribute towards the CGPA.
- (iii) The CGPA obtained by a student in additional subjects is computed separately. For the award of MINOR degree in a particular discipline, the credits and grades of the additional and other subjects that are taken into account are separately indicted along with the computed GPA.
- (iv) Minimum GPA for a Minor in any discipline is 6.00.
7. Duration of Course
- Minimum duration of the B.Tech. (Hons.)/B.Arch (Hons.)/ Dual Degree – B.Tech. (Hons.) and M.Tech.(or MBA)/ B.Sc.(Hons.) and M.Sc. degree is given on the front cover page. However with the approval of the Senate a slow paced student may take more semesters to complete the degree requirement.

**INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR**  
**INDIA (721302)**



Statement of  
**ACADEMIC PERFORMANCE**

Four Year Programme

✓ **Bachelor of Technology (Honours)**

Five Year Programme

**Bachelor of Architecture (Honours)**

**Master of Science (Five Year Integrated Course)**

**Bachelor of Technology (Honours)**  
**&**

**Master of Technology/MBA (Dual Degree)**

Two Year Programme

**Master of Science**





## PROVISIONAL AND INTERIM

### INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

#### STATEMENT OF GRADES OBTAINED FOR THE 8 SEMESTER COURSE IN ENGINEERING/TECHNOLOGY LEADING TO THE AWARD OF BACHELOR OF TECHNOLOGY (HONOURS)



Roll No: 13CS10058

Name: KUMAR AYUSH

Year of Admission : 2013-2014

Course: B.Tech.(Hons.) in COMPUTER SCIENCE AND ENGINEERING

Year of Graduation :

##### Semester 1

Subno	Name	L-T-P	CRD	GRD
EA10001	EXTRA ACADEMIC ACTIVITY-I	0-0-3	0	A
CY11001	CHEMISTRY	3-1-0	4	EX
EE19001	ELECTRICAL TECHNOLOGY LAB.	0-0-3	2	A
MA10001	MATHEMATICS-I	3-1-0	4	EX
HS13001	ENGLISH FOR COMMUNICATION	3-0-2	4	EX
EE11001	ELECTRICAL TECHNOLOGY	3-1-0	4	EX
CY19001	CHEMISTRY LAB.	0-0-3	2	EX
ME19001	INTRODUCTION TO MANUFACTURING PROCESSES	0-0-3	2	A

For Semester 1 SGPA: 9.82 CGPA: 9.82

##### Semester 2

Subno	Name	L-T-P	CRD	GRD
ME10001	MECHANICS	3-1-0	4	EX
EA10002	EXTRA ACADEMIC ACTIVITY-II	0-0-3	0	A
PH19001	PHYSICS LAB.	0-0-3	2	EX
CS19001	PROGRAMMING AND DATA STRUCTURE LAB.	0-0-3	2	EX
CE13001	ENGINEERING DRAWING AND COMPUTER GRAPHICS	1-0-3	3	EX
PH11001	PHYSICS	3-1-0	4	EX
CS11001	PROGRAMMING AND DATA STRUCTURE	3-1-0	4	EX
MA10002	MATHEMATICS-II	3-1-0	4	EX

For Semester 2 SGPA: 10.00 CGPA: 9.91

##### Semester 3

Subno	Name	L-T-P	CRD	GRD
EE29001	SIGNALS & NETWORKS LAB.	0-0-3	2	A
EA10003	EXTRA ACADEMIC ACTIVITY-III	0-0-3	0	B
CS29003	ALGORITHMS LABORATORY	0-0-3	2	A
HS30071	APPLIED ORGANISATIONAL PSYCHOLOGY	3-0-0	3	A
CS21003	ALGORITHMS - I	3-1-0	4	B
EC21103	INTRODUCTION TO ELECTRONICS	3-1-0	4	EX
EE21101	SIGNALS & NETWORKS	3-1-0	4	B
EC29003	INTRODUCTION TO ELECTRONICS LAB.	0-0-3	2	EX
CS21001	DISCRETE STRUCTURES	3-1-0	4	A

For Semester 3 SGPA: 8.92 CGPA: 9.56

##### Semester 4

Subno	Name	L-T-P	CRD	GRD
CS21004	FORMAL LANGUAGE AND AUTOMATA THEORY	3-1-0	4	EX
EA10004	EXTRA ACADEMIC ACTIVITY-IV	0-0-3	0	D
CS29006	SOFTWARE ENGINEERING LABORATORY	0-0-3	2	EX
MA20104	PROBABILITY & STATISTICS	3-0-0	3	A
CS20006	SOFTWARE ENGINEERING	3-0-0	3	EX
CS21002	SWITCHING CIRCUITS AND LOGIC DESIGN	3-1-0	4	EX
CS29002	SWITCHING CIRCUITS LABORATORY	0-0-3	2	EX
HS20004	POSITIVE PSYCHOLOGY	3-1-0	4	EX

For Semester 4 SGPA: 9.86 CGPA: 9.63

##### Semester 5

Subno	Name	L-T-P	CRD	GRD
CS31007	COMPUTER ORGANIZATION & ARCHITECTURE	3-1-0	4	A
CS39001	COMPUTER ORGANIZATION LABORATORY	0-0-6	4	A
CS60057	SPEECH & NATURAL LANG. PROCESSING	3-0-0	3	A
MA20107	MATRIX ALGEBRA	3-0-0	3	B
CS39003	COMPILERS LABORATORY	0-0-3	2	EX
CS31005	ALGORITHMS -II	3-1-0	4	A
CS31003	COMPILERS	3-0-0	3	EX

For Semester 5 SGPA: 9.09 CGPA: 9.52

##### Semester 6

Subno	Name	L-T-P	CRD	GRD
EV20001	ENVIRONMENTAL SCIENCE	2-0-0	2	EX
CS30002	OPERATING SYSTEMS	3-0-0	3	B
CS31006	COMPUTER NETWORKS	3-0-0	3	A
CS43002	DATABASE MANAGEMENT SYSTEMS	3-0-3	5	A
CS39006	NETWORKS LAB.	0-0-3	2	EX
BS20001	SCIENCE OF LIVING SYSTEM	2-0-0	2	A
CS39002	OPERATING SYSTEMS LABORATORY	0-0-3	2	B
CS39008	PROJECT SEMINAR	0-0-3	2	EX
CS60092	INFORMATION RETRIEVAL	3-0-0	3	A

For Semester 6 SGPA: 9.04 CGPA: 9.44

##### Upto Semester 6

Total Credit Taken: 139

Total Credit Cleared: 139

CGPA: 9.44

Dy. Registrar (Academic)  
उप कुलसचिव (शैक्षणिक)  
Indian Institute of Technology  
भारतीय प्रौद्योगिकी संस्थान  
Kharagpur - 721302  
खड़गपुर - 721302

# INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

## Performance Details

Roll No.	Name	Department	Course Name			Minor Course Name :		Micro Specialisation Name :				
13CS10058	Kumar Ayush	COMPUTER SCIENCE & ENGINEERING	COMPUTER SCIENCE & ENGG. (B.Tech 4Y)			-		-				
Semester : 7												
Curricula Summery		Depth	Elective		Breadth		HSS	IEM	Cumulative Total			
Curricula - Registered - Cleared		3 - 3 - 3	4(1-O ) - 4(1-O)		0 - 0 - 0		0 - 0 - 0	0 - 0 - 0	56 - 56 - 56			
Subno	Subject Name		Sub. Type	L-T-P	Credit	Reg. Sem.	Register Session.			Grade	Register Status.	
CS47005	PROJECT-PART 1		Depth	0-0-6	4	7	AU-16-17(P)			EX	Already Registered	
CS48003	SUMMER TRAINING		Depth	0-0-0	2	7	AU-16-17(P)			EX	Already Registered	
CS41001	THEORY OF COMPUTATION		Depth	3-1-0	4	7	AU-16-17(P)			EX	Already Registered	
CS60050	MACHINE LEARNING		Elective-IV	3-0-0	3	7	AU-16-17(P)			EX	Already Registered	
CS40019	IMAGE PROCESSING		Elective-V	3-0-0	3	7	AU-16-17(P)			B	Already Registered	
CS60045	ARTIFICIAL INTELLIGENCE		Elective-VI	3-0-0	3	7	AU-16-17(P)			A	Already Registered	
CS60019	PERFORMANCE MODELING OF COMPUTER NETWORKS		Elective-VII(Open)	3-0-0	3	7	AU-16-17(P)			EX	Already Registered	
Performance Summery		TCT - TCC		SCT - SCC		NCGPA - CGPA - SGPA		ATCT - ATCC		ASCT - ASCC		ACGPA - ASGPA
Semester - 7		161 - 161		22 - 22		9.46 - 9.46 - 9.59		0 - 0		0 - 0		0.00 - 0.00

# INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

## Performance Details

Roll No.	Name	Department	Course Name			Minor Course Name :		Micro Specialisation Name :			
13CS10058	Kumar Ayush	COMPUTER SCIENCE & ENGINEERING	COMPUTER SCIENCE & ENGG. (B.Tech 4Y)			-		-			
Semester : 8											
Curricula Summery		Depth	Elective		Breadth		HSS	IEM	Cumulative Total		
Curricula - Registered - Cleared		2 - 2 - 2	3(1-O ) - 3(1-O) - 3(1-O)		0 - 0 - 0		0 - 0 - 0	1 - 1 - 1	62 - 62 - 62		
Subno	Subject Name		Sub. Type	L-T-P	Credit	Reg. Sem.	Register Session.		Grade	Register Status.	
CS48004	COMPREHENSIVE VIVA		Depth	0-0-0	2	8	SP-16-17(P)		A	Already Registered	
CS47006	PROJECT- PART 2		Depth	0-0-9	6	8	SP-16-17(P)		EX	Already Registered	
CS60010			Elective-IX			8	SP-16-17(P)		EX	Already Registered	
CS40032	PRINCIPLES OF PROGRAMMING LANGUAGES		Elective-VIII	3-0-0	3	8	SP-16-17(P)		EX	Already Registered	
CS60052	ADVANCED DIGITAL IMAGE PROCESSING AND COMPUTER VISION		Elective-X(Open)	3-0-0	3	8	SP-16-17(P)		A	Already Registered	
IM41082	OPERATIONS RESEARCH		IEM	3-0-0	3	8	SP-16-17(P)		EX	Already Registered	
Performance Summery		TCT - TCC	SCT - SCC		NCGPA - CGPA - SGPA		ATCT - ATCC		ASCT - ASCC		ACGPA - ASGPA
Semester - 8		181 - 181	20 - 20		9.49 - 9.49 - 9.75		0 - 0		0 - 0		0.00 - 0.00