Roll No: 17CS10056 **Name: AYUSH TIWARI** **Year of Admission : 2017-2018**

Course: B.Tech.(Hons.) in COMPUTER SCIENCE AND ENGINEERING **Year of Graduation : -**

Semester 1

Subno	Name	L-T-P	CRD	GRD
EA10005	INDUCTION PROGRAM	0-0-0	0	Y
EA10001	EXTRA ACADEMIC ACTIVITY-I	0-0-3	0	Y
MA10001	MATHEMATICS-I	3-1-0	4	EX
ME10001	MECHANICS	3-1-0	4	EX
CS10001	PROGRAMMING AND DATA STRUCTURES	3-0-0	3	EX
CS19101	PROGRAMMING AND DATA STRUCTURES TUTORIAL AND LABORATORY	0-1-3	3	EX
CE13001	ENGINEERING DRAWING AND COMPUTER GRAPHICS	1-0-3	3	EX
PH11001	PHYSICS	3-1-0	4	EX
PH19001	PHYSICS LAB.	0-0-3	2	EX

For Semester 1 **SGPA: 10.00** **CGPA: 10.00**

Semester 2

Subno	Name	L-T-P	CRD	GRD
ME19001	INTRODUCTION TO MANUFACTURING PROCESSES	0-0-3	2	A
EE11001	ELECTRICAL TECHNOLOGY	3-1-0	4	EX
EA10002	EXTRA ACADEMIC ACTIVITY-II	0-0-3	0	Y
CY11001	CHEMISTRY	3-1-0	4	EX
HS13001	ENGLISH FOR COMMUNICATION	3-0-2	4	EX
EE19001	ELECTRICAL TECHNOLOGY LAB.	0-0-3	2	EX
CY19001	CHEMISTRY LAB.	0-0-3	2	A
MA10002	MATHEMATICS-II	3-1-0	4	EX

For Semester 2 **SGPA: 9.82** **CGPA: 9.91**

Semester 3

Subno	Name	L-T-P	CRD	GRD
CS29003	ALGORITHMS LABORATORY	0-0-3	2	A
EE29001	SIGNALS & NETWORKS LAB.	0-0-3	2	EX
EC21103	INTRODUCTION TO ELECTRONICS	3-1-0	4	EX
CS21001	DISCRETE STRUCTURES	3-1-0	4	EX
EE21101	SIGNALS & NETWORKS	3-1-0	4	EX
EA10003	EXTRA ACADEMIC ACTIVITY-III	0-0-3	0	A
CS21003	ALGORITHMS - I	3-1-0	4	EX
EC29003	INTRODUCTION TO ELECTRONICS LAB.	0-0-3	2	EX
HS60042	INTRODUCTION TO GROSS NATIONAL HAPPINESS (GNH)	3-0-0	3	EX

For Semester 3 **SGPA: 9.92** **CGPA: 9.91**

Semester 4

Subno	Name	L-T-P	CRD	GRD
CS20006	SOFTWARE ENGINEERING	3-0-0	3	A
CS21002	SWITCHING CIRCUITS AND LOGIC DESIGN	3-1-0	4	EX
CS29006	SOFTWARE ENGINEERING LABORATORY	0-0-3	2	A
EA10004	EXTRA ACADEMIC ACTIVITY-IV	0-0-3	0	A
CS29002	SWITCHING CIRCUITS LABORATORY	0-0-3	2	A
CS21004	FORMAL LANGUAGE AND AUTOMATA THEORY	3-1-0	4	A
HS20018	SANSKRIT AND HERITAGE	3-0-0	3	EX
MA20104	PROBABILITY & STATISTICS	3-0-0	3	EX

For Semester 4 **SGPA: 9.48** **CGPA: 9.81**

Semester 5

Subno	Name	L-T-P	CRD	GRD
CS60050	MACHINE LEARNING	3-0-0	3	A
CS31003	COMPILERS	3-0-0	3	A
CS31007	COMPUTER ORGANIZATION & ARCHITECTURE	3-1-0	4	EX
CS31005	ALGORITHMS -II	3-1-0	4	EX
MA61027	CRYPTOGRAPHY AND NETWORK SECURITY	3-1-0	4	A
CS39003	COMPILERS LABORATORY	0-0-3	2	A
CS39001	COMPUTER ORGANIZATION LABORATORY	0-0-6	4	A

For Semester 5 **SGPA: 9.33** **CGPA: 9.71**

Semester 6

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

For Semester 6 **SGPA: 8.96** **CGPA: 9.58**

Upto Semester 6
Total Credit Taken: 139
Total Credit Cleared: 139
CGPA: 9.58

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 curriculum 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/micro 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

Statement of

ACADEMIC PERFORMANCE

<u>**Four Year Programme**</u>

Bachelor of Technology (Honours)

<u>**Five Year Programme**</u>

Bachelor of Architecture (Honours)

Master of Science (Five Year Integrated Course)

Bachelor of Technology (Honours)
&
Master of Technology/MBA (Dual Degree)

<u>**Two Year Programme**</u>

Master of Science