



INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR
STATEMENT OF GRADES OBTAINED FOR THE 10 SEMESTER DUAL DEGREE IN ENGINEERING/TECHNOLOGY LEADING TO THE AWARD OF
BACHELOR OF TECHNOLOGY (HONOURS) AND MASTER OF TECHNOLOGY



Roll No: 10CS30008
 Course: B.Tech.(Hons.) in COMPUTER SCIENCE AND ENGINEERING and M.Tech. in COMPUTER SCIENCE AND ENGINEERING

Name: ARUNENDER SINGH
 CGPA: 6.55

Year of Admission: 2010-2011
 Year of Graduation: 2014-2015

Semester 1

Subno	Name	L-T-P	CRD	GRD
CV1001	CHEMISTRY	3-1-0	4	P
CV19001	CHEMISTRY LAB	0-0-3	2	B
EA10001	EXTRA ACADEMIC ACTIVITY-I	0-0-3	0	A
EE11001	ELECTRICAL TECHNOLOGY	3-1-0	4	D
EE19001	ELECTRICAL TECHNOLOGY LAB.	0-0-3	2	B
HS13001	ENGLISH FOR COMMUNICATION	3-0-2	4	C
MA10001	MATHEMATICS-I	3-1-0	4	D
ME19001	INTRODUCTION TO MANUFACTURING PROCESSES	0-0-3	2	B

For Semester 1 SGPA: 6.55 CGPA: 6.55

Semester 2

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

For Semester 2 SGPA: 5.61 CGPA: 6.07

Semester 3

Subno	Name	L-T-P	CRD	GRD
CS21001	DISCRETE STRUCTURES	3-1-0	4	P
CS21003	ALGORITHMS-I	3-1-0	4	P
CS29003	ALGORITHMS LABORATORY	0-0-3	2	D
EA10003	EXTRA ACADEMIC ACTIVITY-III	0-0-3	0	B
EC21103	INTRODUCTION TO ELECTRONICS	3-1-0	4	P
EC29003	INTRODUCTION TO ELECTRONICS LAB	0-0-3	2	C
EE21101	SIGNALS & NETWORKS	3-1-0	4	P
EE29001	SIGNALS & NETWORKS LAB	0-0-3	2	P
HS40072	SOCIOLOGY OF SCIENCE	3-0-0	3	P

For Semester 3 SGPA: 5.24 CGPA: 5.77

Semester 4

Subno	Name	L-T-P	CRD	GRD
CS20006	SOFTWARE ENGINEERING	3-0-0	3	C
CS21002	SWITCHING CIRCUITS AND LOGIC DESIGN	3-1-0	4	P
CS21004	FORMAL LANGUAGE AND AUTOMATA THEORY	3-1-0	4	P
CS29002	SWITCHING CIRCUITS LABORATORY	0-0-3	2	B
CS29006	SOFTWARE ENGINEERING LABORATORY	0-0-3	2	A
EA10004	EXTRA ACADEMIC ACTIVITY-IV	0-0-3	0	C
HS30075	MODERNISATION AND CREATIVE COMMUNICATION	3-0-0	3	D
MA20104	PROBABILITY & STATISTICS	3-0-0	3	P

For Semester 4 SGPA: 6.10 CGPA: 5.85

Semester 5

Subno	Name	L-T-P	CRD	GRD
CS31003	COMPILERS	3-0-0	3	P
CS31005	ALGORITHMS-II	3-1-0	4	P
CS31007	COMPUTER ORGANIZATION & ARCHITECTURE	3-1-0	4	P
CS35001	COMPUTER ORGANIZATION LABORATORY	0-0-6	4	A
CS35003	COMPILERS LABORATORY	0-0-3	2	D
EM60054	E-BUSINESS	3-0-0	3	C
MA20107	MATRIX ALGEBRA	3-0-0	3	P

For Semester 5 SGPA: 5.04 CGPA: 5.89

Semester 6

Subno	Name	L-T-P	CRD	GRD
BS20001	SCIENCE OF LIVING SYSTEM	2-0-0	2	C
CS30002	OPERATING SYSTEMS	3-0-0	3	P
CS31006	COMPUTER NETWORKS	1-0-0	3	D
CS39002	OPERATING SYSTEMS LABORATORY	0-0-3	2	P
CS39006	NETWORKS LAB	0-0-3	2	A
CS39008	PROJECT SEMINAR	0-0-1	2	B
CS43002	DATABASE MANAGEMENT SYSTEM	3-0-3	3	C
CS60064	COMPUTATIONAL GEOMETRY	3-0-0	3	P
EV20001	ENVIRONMENTAL SCIENCE	2-0-0	2	P

For Semester 6 SGPA: 6.39 CGPA: 5.96

Semester 7

Subno	Name	L-T-P	CRD	GRD
CS40019	IMAGE PROCESSING	3-0-0	3	D
CS41001	THEORY OF COMPUTATION	3-1-0	4	P
CS47005	PROJECT-PART I	0-0-6	4	B
CS48003	SUMMER TRAINING	0-0-0	2	EX
CS60045	ARTIFICIAL INTELLIGENCE	3-0-0	3	C
CS60058	FAULT TOLERANT SYSTEMS	3-0-0	3	B
CS60059	OBJECT ORIENTED SYSTEMS	3-0-0	3	C

For Semester 7 SGPA: 7.09 CGPA: 6.11

Semester 8

Subno	Name	L-T-P	CRD	GRD
CS47006	PROJECT-PART 2	0-0-9	6	C
CS60043	HIGH PERFORMANCE IN COMPUTER ARCHITECTURE	4-0-0	4	C
CS61000	COMPUTATIONAL BIOPHYSICS: ALGORITHMS TO APPLICATIONS	3-1-0	4	P
ER60038	ENTREPRENEURSHIP IN SOCIAL SECTOR	2-1-0	3	A
ET61002	LANGUAGE PROCESSING FOR E-LEARNING	3-1-0	4	D

For Semester 8 SGPA: 4.71 CGPA: 6.18

Semester 9

Subno	Name	L-T-P	CRD	GRD
CS57003	PROJECT- PART I	3-0-15	12	C
CS58003	B.TECH. COMPREHENSIVE VIVA	0-0-0	2	P
CS59001	DESIGN LABORATORY	0-0-3	2	A
CS60047	ADVANCED GRAPH THEORY	3-1-0	4	P
CS60050	MACHINE LEARNING	3-0-0	3	D
CS60057	SPEECH & NATURAL LANG. PROCESSING	3-0-0	3	P

For Semester 9 SGPA: 6.35 CGPA: 6.20

Semester 10

Subno	Name	L-T-P	CRD	GRD
CS57004	PROJECT- PART 2	0-0-20	13	A
CS58004	COMPREHENSIVE VIVA	0-0-0	2	P
CS60032	DATABASE ENGINEERING	3-0-0	3	C
CS60073	ADVANCED MACHINE LEARNING	3-0-0	3	C

For Semester 10 SGPA: 8.05 CGPA: 6.37

Checked by

[Signature]

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[Signature]
 Assistant Registrar (UGS)
 Indian Institute of Technology
 Kharagpur-721302

Assistant Registrar(UGS) Deputy Registrar(Academic)



INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

upon the recommendation of the Senate hereby confers the degree of

Bachelor of Technology (Honours)
under the Dual Degree Programme

in

Computer Science and Engineering

on

ARUNENDER SINGHH

Given under the seal of the Institute at Kharagpur on the Seventh day of August, Two Thousand and Fifteen


Registrar




Director


Arunender Singh



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Arunender Singhh