COE/EXAM/PO1429/MAR.22

GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY

Guru Gobind Singh Indraprastha University, Delhi

C/T CG A099955

TRANSCRIPTUID: 190000094619

TRANSCRIPT OF GRADES

This is to certify that Mr./Ms. MANAS AGGRAWAL (Enrollment No.:60110102716) S/o/D/o SANJAY KUMAR was a bonafide student of BACHELOR OF TECHNOLOGY (COMPUTER SCIENCE AND ENGINEERING) programme of 8 SEMESTERS duration at AMBEDKAR INSTITUTE OF ADVANCED COMMUNICATION TECHNOLOGIES & RESEARCH (FORMERLY AIT) of the Guru Gobind Singh Indraprastha University. He/She was admitted in FIRST SEMESTER in year 2016. He/She has earned 214 against the minimum requirement of 200 credits for the award of the BACHELOR OF TECHNOLOGY (COMPUTER SCIENCE AND ENGINEERING) degree in SEP, 2020. His/her final CGPA is 7.77 against the minimum required CGPA 4.00. The scheme of examination and the marks obtained are as follows:

PAPER	CS	INT	EXT	TOTAL	GRD(GP)	PAPER	CS	INT	EXT	TOTAL	GRD (GP)
FIRST SEMESTER											
APPLIED MATHEMATICS-I	4	21	46	67	A (8)	APPLIED PHYSICS-I	3	21	33	54	B (6)
MANUFACTURING PROCESSES	3	17	46	63	B+ (7)	ELECTRICAL TECHNOLOGY	3	18	40	58	B+ (7)
HUMAN VALUES AND PROFESSIONAL ETHICS-I	1	-	82	82	A+ (9)	FUNDAMENTALS OF COMPUTING	2	22	44	66	A (8)
APPLIED CHEMISTRY	3	19	27	46	C (5)	APPLIED PHYSICS LAB-I	1	35	53	88	A+ (9)
ELECTRICAL TECHNOLOGY LAB	1	27	47	74	A (8)	WORKSHOP PRACTICE	2	32	47	79	A+ (9)
FUNDAMENTALS OF COMPUTING LAB	1	34	52	86	A+ (9)	ENGINEERING GRAPHICS LAB	2	34	54	88	A+ (9)
APPLIED CHEMISTRY LAB	1	31	51	82	A+ (9)						
SECOND SEMESTER											
APPLIED MATHEMATICS-II	4	20	41	61	B+ (7)	APPLIED PHYSICS-II	3	23	48	71	A (8)
ELECTRONIC DEVICES	3	24	50	74	A (8)	INTRODUCTION TO PROGRAMMING	3	25	59	84	A+ (9)
ENGINEERING MECHANICS	3	19	59	78	A+ (9)	COMMUNICATIONS SKILLS	3	21	49	70	A (8)
ENVIRONMENTAL STUDIES	3	22	38	60	B+ (7)	APPLIED PHYSICS LAB-II	1	36	55	91	O (10)
PROGRAMMING LAB	1	32	52	84	A+ (9)	ELECTRONIC DEVICES LAB	1	33	55	88	A+ (9)
ENGINEERING MECHANICS LAB	1	33	47	80	A+ (9)	ENVIRONMENTAL STUDIES LAB	1	32	50	82	A+ (9)
THIRD SEMESTER											
APPLIED MATHEMATICS - III	4	15	33	48	C (5)	FOUNDATION OF COMPUTER SCIENCE	4	20	51	71	A (8)
SWITCHING THEORY AND LOGIC DESIGN	4	19	23	42	P (4)	CIRCUITS AND SYSTEMS	4	21	36	57	B+ (7)
DATA STRUCTURE	4	18	40	58	B+ (7)	COMPUTER GRAPHICS AND MULTIMEDIA	4	18	41	59	B+ (7)
SWITCHING THEORY AND LOGIC DESIGN LAB	1	31	46	77	A+ (9)	DATA STRUCTURE LAB	1	33	50	83	A+ (9)
COMPUTER GRAPHICS AND MULTIMEDIA LAB	1	28	46	74	A (8)	CIRCUITS AND SYSTEMS LAB	1	31	46	77	A+ (9)
FOURTH SEMESTER											
APPLIED MATHEMATICS - IV	4	14	48	62	B+ (7)	COMPUTER ORGANIZATION AND ARCHITECTURE	4	22	46	68	A (8)
THEORY OF COMPUTATION	4	15	39	54	B (6)	DATABASE MANAGEMENT SYSTEMS	4	17	56	73	A (8)
OBJECT ORIENTED PROGRAMMING	3	21	38	59	B+ (7)	COMMUNICATION SYSTEMS	4	16	36	52	B (6)
NCC/NSS	1	-	82	82	A+ (9)	APPLIED MATHEMATICS LAB	1	35	48	83	A+ (9)
COMPUTER ORGANIZATION AND ARCHITECTURE LAB	1	33	50	83	A+ (9)	DATABASE MANAGEMENT SYSTEMSLAB	1	28	52	80	A+ (9)
COMMUNICATION SYSTEMS LAB	1	32	51	83	A+ (9)	OBJECT ORIENTED PROGRAMMING LAB	1	37	50	87	A+ (9)
FIFTH SEMESTER											
ALGORITHMS DESIGN AND ANALYSIS	4	19	36	55	B+ (7)	COMMUNICATION SKILLS FOR PROFESSIONALS	1	13	58	71	A (8)
SOFTWARE ENGINEERING	4	19	35	54	B (6)	DIGITAL COMMUNICATION	4	21	49	70	A (8)
JAVA PROGRAMMING	4	24	41	65	A (8)	INDUSTRIAL MANAGEMENT	3	23	60	83	A+ (9)
ALGORITHMS DESIGN AND ANALYSIS LAB	1	29	51	80	A+ (9)	COMMUNICATION SKILLS FOR PROFESSIONALS LAB	1	36	50	86	A+ (9)
SOFTWARE ENGINEERING LAB	1	34	47	81	A+ (9)	JAVA PROGRAMMING LAB	1	30	48	78	A+ (9)
DIGITAL COMMUNICATION LAB	1	32	54	86	A+ (9)	VIVA INDUSTRIAL TRAINING / IN - HOUSE WORKSHOP	1	33	51	84	A+ (9)
SIXTH SEMESTER											
COMPILER DESIGN	4	11	44	55	B+ (7)	OPERATING SYSTEMS	4	11	51	62	B+ (7)
COMPUTER NETWORKS	4	14	43	57	B+ (7)	WEB TECHNOLOGY	3	22	44	66	A (8)
MICROPROCESSOR AND MICROCONTROLLER	4	21	30	51	B (6)	ARTIFICIAL INTELLIGENCE	4	17	46	63	B+ (7)
OPERATING SYSTEMS/LINUX PROGRAMMING AND ADMINISTRATION) LAB	1	34	51	85	A+ (9)	COMPUTER NETWORKS LAB	1	32	48	80	A+ (9)
WEB TECHNOLOGY LAB	1	35	50	85	A+ (9)	MICROPROCESSOR AND MICROCONTROLLER LAB	1	35	52	87	A+ (9)
SEVENTH SEMESTER											
INFORMATION SECURITY	4	20	58	78	A+ (9)	SOFTWARE TESTING AND QUALITY ASSURANCE	3	22	63	85	A+ (9)
WIRELESS COMMUNICATION	3	18	37	55	B+ (7)	NATURAL LANGUAGE PROCESSING	3	21	57	78	A+ (9)
ADVANCED DBMS	3	19	49	68	A (8)	INFORMATION SECURITY LAB	1	35	48	83	A+ (9)
SOFTWARE TESTING AND QA LAB	1	33	51	84	A+ (9)	LAB BASED ON ELECTIVE I AND II	1	33	39	72	A (8)
SUMMER TRAINING / INDUSTRIAL WORKSHOP / CERTIFICATION	1	33	44	77	A+ (9)	MINOR PROJECT	3	31	54	85	A+ (9)
WIRELESS COMMUNICATION LAB	1	32	40	72	A (8)						
EIGHTH SEMESTER											
MOBILE COMPUTING	4	21	44	65	A (8)	MACHINE LEARNING	3	25	51	76	A+ (9)
HUMAN VALUES AND PROFESSIONAL ETHICS - II	1	20	61	81	A+ (9)	SOFT COMPUTING	3	21	55	76	A+ (9)
PRINCIPLES OF PROGRAMMING LANGUAGES	3	22	52	74	A (8)	MOBILE COMPUTING LAB	1	35	58	93	O (10)
MACHINE LEARNING LAB	1	38	56	94	O (10)	LAB BASED ON ELECTIVE - I	1	33	51	84	A+ (9)
LAB BASED ON ELECTIVE - II	1	35	55	90	O (10)	MAJOR PROJECT	8	34	55	89	A+ (9)

CREDITS EARNED: 214	CGPA: 7.77	EQUIVALENT PERCENTAGE: 77.7	DIVISION: FIRST

CS: Credit Secure; INT: Internal Marks; EXT: External Marks; ABS: Absent; CAN: Cancel; DET: Detained; GRD: Grade; GP: Grade Point; *: Passed with Grace

Date of Print: 05-Apr-2024

Place : Delhi, India

Officer In-Charge

Controller of Examinations

SCHEMATA OF EVALUATION

Credit & Marks :-

(a) One credit is equal to one hour lecture or two hours of laboratory work per week.

(b) The maximum marks in each course is 100, irrespective of the number of credits assigned to the course.

(c) Full credits are awarded after passing in a course; otherwise no credits are awarded.

(d) Grading System:-

Marks	Grade	Grade Point
90 - 100	O	10
75 - 89	A+	9
65 - 74	A	8
55 - 64	B+	7
50 - 54	B	6
45 - 49	C	5
40 - 44	P	4
Less than 40 or absent	F	0

Grade P (grade point 4) shall be the course passing grade unless specified otherwise by the Syllabi and Scheme of Teaching and Examination for the programme. For grade(s) below the passing grade as defined in the Syllabi and Scheme of Teaching and Examination, the associated grade points shall be zero.

The formula for calculation of (Annual/Semester) Grade Point Average and Cumulative Grade Point Average is given below:

$$(A/S)GPA = \frac{\sum_i C_i G_i}{\sum_i C_i}$$

$$CGPA = \frac{\sum_n \sum_i C_{ni} G_{ni}}{\sum_n \sum_i C_{ni}}$$

Where

A - Annual

S - Semester

C_i - number of credits for the ith course.

G_i - grade point obtained in the ith course.

C_{ni} - number of credits of the ith course of the nth semester.

M_{ni} - marks of the ith course of the nth semester.

G_{ni} - grade points of the ith course of the nth semester.

Division:-

- **CGPA of 4.00 - 4.99** shall be placed in the **Third Division.**
- **CGPA of 5.00 - 6.49** shall be placed in the **Second Division.**
- **CGPA of 6.50 or above** shall be placed in the **First Division.**
- **CGPA of 10** shall be placed in the **Exemplary Performance. Exemplary Performance** shall be awarded, if and only if, every course of the programme offered to the student is passed in the first chance of appearing in the paper that is offered to the student. A student with an academic break shall not be awarded the exemplary performance.
- The **CGPA X 10** shall be deemed equivalent to percentage to marks obtained by the student for the purpose of equivalence to percentage of marks.

Prepared by:	*Checked by:*	*Verified by:*