



GURU GOBIND SINGH
INDRAPRASTHA
UNIVERSITY

1 Guru Gobind Singh Indraprastha University, Delhi

OBW
COE/F34/JUL.08.4

PROVISIONAL CERTIFICATE

Sr.No.: 480000013095



This is to certify that Mr./Ms. 4 (Enrollment No.:

2 1) S/o/D/o 8 was a bonafide student
of BACHELOR OF COMPUTER APPLICATIONS programme in TRINITY
INSTITUTE OF PROFESSIONAL STUDIES of the Guru Gobind Singh
Indraprastha University. He/She has earned 160 number of credits
against the minimum requirement of 150 credits required for the
award of the BACHELOR OF COMPUTER APPLICATIONS degree in
May, 2014 examination.

This Certificate is valid till the Degree is issued.



Verified as per
true copy
Armed
15/09/14

Dr. RENU TOMER, Assistant Registrar,
Academic Coordination and Student Support Branch,
Guru Gobind Singh Indraprastha University,
Sector-103, Dwarka, New Delhi-110073

Pravin Chaudhary

Date of Issue:

Print Date: 23-Jul-2014
Place: Delhi, India

John
Officer In-charge

Controller of Examinations

1. Name of the university/college
2. Name of the program
3. Semester number
4. Name and registration number of the student
5. Code, title, credits and maximum marks for each course taken during the semester
6. Internal, external and total marks awarded
7. Grade, grade point and credit point allocation for each course taken
8. The total credits, total marks (max. & awarded) and total semester credit points
9. Semester grade point average (SGPA) and corresponding grade
10. Cumulative grade point average (CGPA)



GURU GOBIND SINGH
INDRAPRASTHA
UNIVERSITY

1

Guru Gobind Singh Indraprastha University, Delhi

COE/F13/OCT.13

OBW

CONSOLIDATED STATEMENT OF MARKS

2

BACHELOR OF COMPUTER APPLICATIONS

4

NAME: _____
ENROLLMENT: _____
FATHER'S NAME: _____
YEAR OF ADMISSION: 2011
UNIVERSITY SCHOOL/INSTITUTE: TRINITY INSTITUTE OF PROFESSIONAL STUDIES

TOTAL CREDIT OF PROGRAMME: 160
MINIMUM CREDITS REQUIRED: 150
YEAR OF COMPLETION: MAY, 2014
PROGRAMME DURATION: 06 SEMESTERS

3

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CODE	PAPER	CS	INT	EXT	TOTAL	CODE	PAPER	CS	INT	EXT	TOTAL
FIRST SEMESTER											
BCA101	MATHEMATICS - I	4	12	44	67	BCA102	TECHNICAL COMMUNICATION	3	17	34	63
BCA106	INTRODUCTION TO PROGRAMMING LANGUAGE USING C	4	14	33	60*	BCA107	INTRODUCTION TO COMPUTERS & IT	4	22	36	67
BCA109	PHYSICS	4	20	44	64	BCA151	PRACTICAL - I C PROG. LAB	3	20	47	67
BCA163	PRACTICAL - BIT LAB	3	37	61	88	BCA155	COMMUNICATION SKILLS	2	—	84	84
SECOND SEMESTER											
BCA102	MATHEMATICS - II	4	12	44	67	BCA104	PRINCIPLES OF MANAGEMENT	3	23	67	62
BCA108	DIGITAL ELECTRONICS	4	23	41	64	BCA108	DATA STRUCTURE USING C	4	13	48	61
BCA119	DATABASE MANAGEMENT SYSTEM	4	17	42	62	BCA102	PRACTICAL - II DB LAB	3	34	32	66
BCA154	PRACTICAL - IV DDMs LAB	3	35	47	82	BCA156	CYBER ETHICS	2	—	84	84
THIRD SEMESTER											
BCA201	MATHEMATICS - III	4	18	61	67	BCA203	COMPUTER ARCHITECTURE	4	17	76	92
BCA205	FRONT END DESIGN TOOL: VB.NET	4	21	37	58	BCA207	PRINCIPLES OF ACCOUNTING	3	18	47	65
BCA209	OBJECT ORIENTED PROGRAMMING USING C++	4	10	45	55	BCA251	PRACTICAL - V JET LAB	3	38	63	87
BCA253	PRACTICAL - VI C++ LAB	3	31	42	73	BCA256	SOFTWARE DEVELOPMENT SKILLS	2	—	99	99
FOURTH SEMESTER											
BCA202	MATHEMATICS - IV	4	13	45	66	BCA204	WEB TECHNOLOGIES	4	24	38	65
BCA206	JAVA PROGRAMMING	4	21	43	64	BCA208	SOFTWARE ENGINEERING	4	22	46	66
BCA219	COMPUTER NETWORKS	4	14	41	65	BCA252	PRACTICAL - VI JAVA LAB	3	39	61	90
BCA254	PRACTICAL - VII WEB TECH LAB	3	39	59	95	BCA256	PERSONALITY DEVELOPMENT SKILLS	2	—	85	85
FIFTH SEMESTER											
BCA301	OPERATING SYSTEM	4	26	36	63	BCA303	COMPUTER GRAPHICS	4	16	38	64
BCA305	E-COMMERCE	4	16	57	72	BCA313	WEB BASED PROGRAMMING	4	22	66	76
BCA351	PRACTICAL - IX CO LAB	4	40	54	94	BCA358	SUMMER PROJECT TRAINING	2	—	91	91
BCA357	MINOR PROJECT	4	40	45	85						
SIXTH SEMESTER											
BCA352	DATA WARE HOUSING & DATA MINING	4	16	35	62	BCA304	MOBILE COMPUTING	4	20	45	65
BCA364	LINUX ENVIRONMENT	4	22	31	53	BCA312	ARTIFICIAL INTELLIGENCE	4	23	87	79
BCA382	PRACTICAL - X LINUX LAB	3	29	53	92	BCA386	MAJOR PROJECT	8	40	48	85
BCA384	SEMINAR	2	—	78	78						
CREDITS EARNED: 160.00			CREDITS ACCOUNTED FOR CPI: 152.00			CPI: 71.32			DIVISION: FIRST		

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Date of Print: 23-Jul-2014

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*: With Grace marks Ab: Absent INT: Internal EXT: External CS: Credit Secured



Verified as per
Date 15/7/14
Arvind
15/7/14

Place: Delhi, India

Officer In-charge

Dr. RENU TOMAR, Assistant Registrar
Academic Coordination and Student Support Branch
Guru Gobind Singh Indraprastha University
Sector-132, Dwarka, New Delhi-110075

Pravin Chandra

Controller of Examinations

1. Name of the university/college
2. Name of the program
3. Semester number
4. Name and registration number of the student
5. Code, title, credits and maximum marks for each course taken during the semester
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10. Cumulative grade point average (CGPA)



GURU GOBIND SINGH
INDRAPRASTHA
UNIVERSITY

1

Guru Gobind Singh Indraprastha University, Delhi

COE/F12/JAN.08

STATEMENT OF MARKS

2

BACHELOR OF COMPUTER APPLICATIONS

Name: 4

Father's Name:

Enrollment No.:

University School / Institution: TRINITY INSTITUTE OF PROFESSIONAL STUDIES

Year of Admission: 2011

Year / Semester: FIRST SEMESTER

Examination: DEC., 2011 -

REGULAR RESULT

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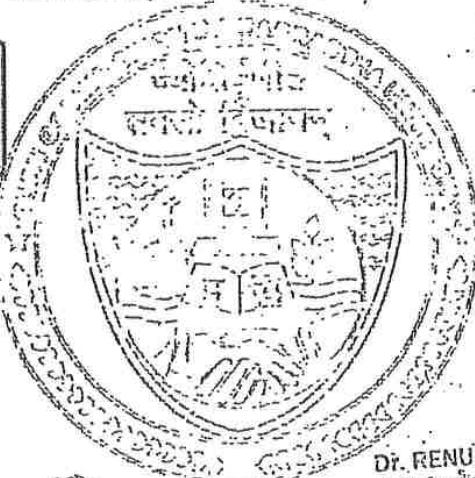
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Paper ID	Code	Paper	Credit	Internal	External	Total	CS
20101	BCA101	MATHEMATICS - I	4.00	23	44	67	4.00
20103	BCA103	TECHNICAL COMMUNICATION	3.00	17	36	53	3.00
20105	BCA105	INTRODUCTION TO PROGRAMMING LANGUAGE USING C	4.00	14	32	50	4.00
20107	BCA107	INTRODUCTION TO COMPUTERS & IT	4.00	22	35	57	4.00
20109	BCA109	PHYSICS	4.00	20	44	64	4.00
20151	BCA151	PRACTICAL - I.C PROG. LAB	3.00	20	47	67	3.00
20153	BCA153	PRACTICAL - II IT LAB	3.00	37	51	88	3.00
20155	BCA155	COMMUNICATION SKILLS	2.00	—	84	84	2.00

A : ABSENT C : CANCEL CS : CREDIT SECURED
D : DETAINED R : RESULT AWAITED P : PASSED WITH GRACE MARKS

Maximum marks in each paper is 100. Minimum passing marks in each paper is 50.

Result Declared on: 02/03/2012



Dr. RENU TOMER, Assistant Registrar,
Academic Coordination and Students Support Branch,
Guru Gobind Singh Indraprastha University,
Sector-13C, Dwarka, New Delhi-110075

Bijaya Chaudhary

Verified as per
true Copy

Arvind
10/09/14
Thakur

Printed on: 05/04/2013

Place: Delhi, India

Officer In-Charge

Controller of Examinations

1. Name of the university/college
2. Name of the program
3. Semester number
4. Name and registration number of the student
5. Code, title, credits and maximum marks for each course taken during the semester
6. Internal, external and total marks awarded
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GURU GOBIND SINGH
INDRAPRASTHA
UNIVERSITY

1

Guru Gobind Singh Indraprastha University, Delhi

OBW

COE/F12/JAN.08

STATEMENT OF MARKS

2

BACHELOR OF COMPUTER APPLICATIONS

Name: 4

Father's Name:

Enrollment No.:

University School / Institution: TRINITY INSTITUTE OF PROFESSIONAL STUDIES

Year of Admission: 2011

Year / Semester: SECOND SEMESTER 3

Examination: MAY, 2012

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REGULAR RESULT

Paper ID	Code	Paper	Credit	Internal	External	Total	CS
20102	BCA102	MATHEMATICS - II	4.00	13	44	57	4.00
20104	BCA104	PRINCIPLES OF MANAGEMENT	3.00	25	57	82	3.00
20106	BCA106	DIGITAL ELECTRONICS	4.00	23	41	64	4.00
20108	BCA108	DATA STRUCTURE USING C	4.00	13	48	61	4.00
20110	BCA110	DATABASE MANAGEMENT SYSTEM	4.00	17	43	60	4.00
20152	BCA152	PRACTICAL - III DS LAB	3.00	34	32	66	3.00
20154	BCA154	PRACTICAL - IV DBMS LAB	3.00	35	47	82	3.00
20156	BCA156	CYBER ETHICS	2.00	-	84	84	2.00

A : ABSENT C : CANCEL

D : DETAINED RL : RESULT AWAITED

CS : CREDIT SECURED

* : PASSED WITH GRACE MARKS

Maximum marks in each paper is 100. Minimum passing marks in each paper is 50.

Result Declared on: 16/07/2012



1079
Dr. RENU TOMER, Assistant Registrar
Academic Coordination and Students Support Branch
Guru Gobind Singh Indraprastha University
Sector-122, Dwarka, New Delhi-110075

verified as per
true Copy:
Amit Thakur
1079/114

Amit Thakur

Officer In-charge

Brain Chandra
Controller of Examinations

Printed on: 14/08/2012

Place: Delhi, India

1. Name of the university/college
2. Name of the program
3. Semester number
4. Name and registration number of the student
5. Code, title, credits and maximum marks for each course taken during the semester
6. Internal, external and total marks awarded
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GURU GOBIND SINGH
INDRAPRASTHA
UNIVERSITY

1

Guru Gobind Singh Indraprastha University, Delhi

COE/F12/JAN.08

STATEMENT OF MARKS

2

BACHELOR OF COMPUTER APPLICATIONS

Name: 4

Father's Name:

Enrollment No.:

University School / Institution: TRINITY INSTITUTE OF PROFESSIONAL STUDIES

Year of Admission: 2011

Year / Semester: THIRD SEMESTER

Examination: DEC., 2012

3

REGULAR RESULT

Paper ID	Code	Paper	Credit	Internal	External	Total	CS
20201	BCA201	MATHEMATICS - III	4.00	16	51	67	4.00
20203	BCA203	COMPUTER ARCHITECTURE	4.00	17	75	92	4.00
20205	BCA205	FRONT END DESIGN TOOL VB.NET	4.00	21	37	58	4.00
20207	BCA207	PRINCIPLES OF ACCOUNTING	3.00	18	47	65	3.00
20209	BCA209	OBJECT-ORIENTED PROGRAMMING USING C++.	4.00	10	45	55	4.00
20251	BCA251	PRACTICAL - V. .NET LAB	3.00	38	49	87	3.00
20253	BCA253	PRACTICAL - VI C++ LAB	3.00	31	42	73	3.00
20255	BCA255	SOFTWARE DEVELOPMENT SKILLS	2.00	5	99	99	2.00

A : ABSENT C : CANCEL CS : CREDIT SECURED
D : DETAINED RL : RESULT AWAITED * : PASSED WITH GRACE MARKS
Maximum marks in each paper is 100. Minimum passing marks in each paper is 50.

Result Declared on: 08/03/2013



Verified as
true copy
Anil
(04/04/14)

Dr. REAMON MIER, Assistant Registrar
Academic Co-ordination and Students Support Branch
Guru Gobind Singh Indraprastha University
Sector-100, Dwarka, New Delhi-110075

Printed on: 20/03/2013

Place: Delhi, India

Officer In-Charge

Controller of Examinations

1. Name of the university/college
2. Name of the program
3. Semester number
4. Name and registration number of the student
5. Code, title, credits and maximum marks for each course taken during the semester
6. Internal, external and total marks awarded
7. Grade, grade point and credit point allocation for each course taken
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GURU GOBIND SINGH
INDRAPRASTHA
UNIVERSITY

1

Guru Gobind Singh Indraprastha University, Delhi

COE/F12/JAN.08

JBW

STATEMENT OF MARKS

2

BACHELOR OF COMPUTER APPLICATIONS

4

Name:

Year of Admission: 2011

Father's Name:

Year / Semester: FOURTH SEMESTER

Enrollment No.:

Examination: MAY, 2013

University School / Institution: TRINITY INSTITUTE OF PROFESSIONAL STUDIES

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7

REGULAR RESULT							
Paper ID	Code	Paper	Credit	Internal	External	Total	CS
20202	BCA202	MATHEMATICS - IV	4.00	13	45	58	4.00
20204	BCA204	WEB TECHNOLOGIES	4.00	24	39	63	4.00
20206	BCA206	JAVA PROGRAMMING	4.00	21	43	64	4.00
20208	BCA208	SOFTWARE ENGINEERING	4.00	22	46	68	4.00
20210	BCA210	COMPUTER NETWORKS	4.00	14	41	55	4.00
20252	BCA252	PRACTICAL - VII JAVA LAB	3.00	39	51	90	3.00
20254	BCA254	PRACTICAL - VIII WEB TECH LAB	3.00	39	56	95	3.00
20256	BCA256	PERSONALITY DEVELOPMENT SKILLS	2.00	-	86	86	2.00

A : ABSENT C : CANCEL CS : CREDIT SECURED
D : DESTITUTE RL : RESULT AWAITED * : PASSED WITH GRACE MARKS
Maximum marks in each paper is 100. Minimum passing marks in each paper is 50.

Result Declared on: 26/07/2013



Dr. RENU TOMEY, Assistant Registrar
Academic Coordination and Students Support Branch
Guru Gobind Singh Indraprastha University
Sector-132, Dwarka, New Delhi-110075

verified as per
true Copy
Arrived
10/09/14

A. T. Tomey
Officer In-charge

B. Chandra

Controller of Examinations

Printed on: 30/07/2013

Place: Delhi, India

1. Name of the university/college
2. Name of the program
3. Semester number
4. Name and registration number of the student
5. Code, title, credits and maximum marks for each course taken during the semester
6. Internal, external and total marks awarded
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GURU GOBIND SINGH
INDRAPRASTHA
UNIVERSITY

1

Guru Gobind Singh Indraprastha University, Delhi

COE/F12/OCT/513

STATEMENT OF MARKS

2

BACHELOR OF COMPUTER APPLICATIONS

4

Name:

Year of Admission: 2011

Father's Name:

Year / Semester: FIFTH SEMESTER

Enrollment No.:

Examination: DEC., 2013

University School / 5 Institution: TRINITY INSTITUTE OF PROFESSIONAL STUDIES

REGULAR RESULT

Paper ID	Code	Paper	Credit	Internal	External	Total	CS
20301	BCA301	OPERATING SYSTEM	4.00	25	38	63	4.00
20303	BCA303	COMPUTER GRAPHICS	4.00	16	38	54	4.00
20305	BCA305	E-COMMERCE	4.00	16	57	73	4.00
20313	BCA313	WEB BASED PROGRAMMING	4.00	22	56	78	4.00
20351	BCA351	PRACTICAL - IX CG LAB	4.00	40	54	94	4.00
20355	BCA355	SUMMER PROJECT/ TRAINING	2.00	..	91	91	2.00
20357	BCA357	MINOR PROJECT	4.00	40	48	88	4.00

A : ABSENT C : CANCEL CS : CREDIT SECURED
D : DETAINED RL : RESULT AWAITED * : PASSED WITH GRACE MARKS
Maximum marks in each paper is 100. Minimum passing marks in each paper is 50.

Result Declared on: 07/03/2014



Verified as per
true copy

Arvind
10/09/14

Dr. RENU TOMER, Assistant Registrar
Academic Coordination and Students Support Branch
Guru Gobind Singh Indraprastha University
Sector-132, Okhla, New Delhi-110073

Balram Chaudhary

Printed on: 14/03/2014

Place: Delhi, India

Officer In-charge

Controller of Examinations

1. Name of the university/college
2. Name of the program
3. Semester number
4. Name and registration number of the student
5. Code, title, credits and maximum marks for each course taken during the semester
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GURU GOBIND SINGH
INDRAPRASTHA
UNIVERSITY

1

Guru Gobind Singh Indraprastha University, Delhi

COE/F12/OCT.13

STATEMENT OF MARKS

2

BACHELOR OF COMPUTER APPLICATIONS

Name: 4

Father's Name:

Enrollment No.:

University School / Institution: TRINITY INSTITUTE OF PROFESSIONAL STUDIES

Year of Admission: 2011

Year / Semester: SIXTH SEMESTER

Examination: MAY, 2014

3

REGULAR RESULT

Paper ID	Code	Paper	Credit	Internal	External	Total	CS
20302	BCA302	DATA WARE HOUSING & DATA MINING	4.00	16	36	52	4.00
20304	BCA304	MOBILE COMPUTING	4.00	20	49	69	4.00
20306	BCA306	LINUX ENVIRONMENT	4.00	22	31	53	4.00
20312	BCA312	ARTIFICIAL INTELLIGENCE	4.00	22	57	79	4.00
20352	BCA352	PRACTICAL - X LINUX LAB	2.00	39	53	92	2.00
20356	BCA356	MAJOR PROJECT	5.00	40	45	85	5.00
20358	BCA358	SEMINAR	2.00	-	78	78	2.00

A : ABSENT C : CANCEL CS : CREDIT SECURED
D : DETAINED RL : RESULT AWAITED * : PASSED WITH GRACE MARKS
Maximum marks in each paper is 100. Minimum passing marks in each paper is 50.

Result Declared on: 09/07/2014



Verified for
Attendance
Anind
10/07/14

Dr. RENU TOMER, Assistant Registrar
Academic Coordination and Students Support Branch
Guru Gobind Singh Indraprastha University
Sector-133, Dwarka, New Delhi-110073

Printed on: 10/07/2014

Place: Delhi, India

Officer In-charge

Braim Chandra

Controller of Examinations

1. Name of the university/college
2. Name of the program
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SCHEMATA OF EVALUATION

1. 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) For passing in any course, minimum 50 marks are required to be secured.
- (d) Full credits are awarded after passing in a course; otherwise no credits are awarded.

2. Formula to determine the Cumulative Performance Index (CPI) is as under :

$$CPI = \frac{\sum_{n=1}^N C_n M_n}{\sum_{n=1}^N C_n}$$



Where C_n : Number of credits earned for the course n.

M_n : Marks obtained in the course n.

N : Total number of courses over which performance is being measured.

Every programme of the University has minimum specified credits for the award of Degree. For calculation of CPI, best combination of credits is taken into account subject to the condition of prescribed minimum credits. The additional earned credits are also reflected in this marksheets. The other courses in which the student has appeared but secured less than 50% marks has been treated as "Audit Course(s)" and the same are reflected accordingly.

3. Division:-

(a) CPI of 90% and above (credits to be earned in first attempt)	: Exemplary performance
(b) CPI of 90% and above (credits not earned in first attempt)	: First Class with distinction
(c) CPI of 75% and above but below 90%	: First class with distinction
(d) CPI of 60% and above but below 75%	: First class
(e) CPI of 50% and above but below 60%	: Second class
(f) CPI below 50%	: Unsuccessful

Consolidated statement of marks :-

Prepared by:	Checked by:	Verified by:
		

1. Name of the university/college
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