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COURSE CERTIFICATE

Oct 30, 2020

ABHISHEK RAI

has successfully completed

Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning

an online non-credit course authorized by DeepLearning.AI and offered through Coursera

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Laurence Moroney

Laurence Moroney
Staff AI Advocate
Google Brain

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Coursera has confirmed the identity of this individual and their participation in the course.

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COURSE CERTIFICATE

Oct 30, 2020

ABHISHEK RAI

has successfully completed

Sequences, Time Series and Prediction

an online non-credit course authorized by DeepLearning.AI and offered through Coursera

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Laurence Moroney
Staff AI Advocate
Google Brain

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COURSE CERTIFICATE

Oct 30, 2020

ABHISHEK RAI

has successfully completed

Convolutional Neural Networks in TensorFlow

an online non-credit course authorized by DeepLearning.AI and offered through Coursera

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Laurence Moroney

Laurence Moroney
Staff AI Advocate
Google Brain

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Coursera has confirmed the identity of this individual and their participation in the course.

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COURSE CERTIFICATE

Oct 30, 2020

ABHISHEK RAI

has successfully completed

Natural Language Processing in TensorFlow

an online non-credit course authorized by DeepLearning.AI and offered through Coursera

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Laurence Moroney

Laurence Moroney
Staff AI Advocate
Google Brain

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Protec Computer Consultancy
Organised By P.C.E.Society
Lucknow

PROTEC™

COMPUTER CONSULTANCY

AN ISO 9001:2008 CERTIFIED INSTITUTE

Org. Registered in Planning Commission Govt. of India (New Delhi)

The Academic Council of PROTEC

having duly examined

ABHISHEK RAI

during and after Two Months of study on the specified curriculum

and having found the candidate's performance to be

Good

have pleasure in recognising this attainment with the award of

Certificate in Machine Learning with Python

given under our hand.

Date of Completion July,2018

Chairman	Vice-Chairman	Centre Head

Registration No. : P253286 **Certificate No. : MAPP2532861973**

LEGEND

% Marks	Interpretation
50-59.9	Satisfactory
60-69.9	Fair
70-79.9	Good
80-100	Excellent

ID: 6C30968AE752

HackerRank

Certificate

This is to certify that

Abhishek Rai

has successfully cleared the assessment for the skill

Problem Solving (Basic)

15 Sep, 2020

Date

Harishankaran K

CTO, HackerRank

ID: 17C2C5D3A154

HackerRank

Certificate

This is to certify that

Abhishek Rai

has successfully cleared the assessment for the skill

SQL (Basic)

15 Sep, 2020

Date

Harishankaran K

CTO, HackerRank

COUNCIL FOR THE INDIAN SCHOOL CERTIFICATE EXAMINATIONS, NEW DELHI

INDIAN SCHOOL CERTIFICATE EXAMINATION (CLASS - XII) - YEAR 2015

No. BO 10053023

2158633/003

STATEMENT OF MARKS

Name ABHISHEK RAI

of ST.THOMAS COLLEGE,LUCKNOW

UNIQUE ID 5519701

Son of

Smt POONAM RAI

Shri SADANAND RAI

SUBJECTS External Examination	Percentage Marks	
ENGLISH	88	EIGHT EIGHT
MATHEMATICS	60	SIX ZERO
PHYSICS	72	SEVEN TWO
CHEMISTRY	66	SIX SIX
COMPUTER SCIENCE	92	NINE TWO

Internal Assessment	Grade
SUPW & COMMUNITY SERVICE	B

RESULT - PASS CERTIFICATE AWARDED

Date of Issue - 18.05.2015

Chief Executive & Secretary

Note : 1. The pass mark for each subject is 40%
2. No divisions are awarded.

(See Overleaf)

COUNCIL FOR THE INDIAN SCHOOL CERTIFICATE EXAMINATIONS, NEW DELHI

INDIAN CERTIFICATE OF SECONDARY EDUCATION EXAMINATION 2013

No. TA 40124176

STATEMENT OF MARKS

Name ABHISHEK RAI

of ST.THOMAS COLLEGE,LUCKNOW

Index Number T/5385/005

Son of

Smt POONAM RAI

Shri SADANAND RAI

SUBJECTS External Examination	Percentage Marks		
ENGLISH	66	SIX	SIX
HINDI	76	SEVEN	SIX
HISTORY, CIVICS & GEOGRAPHY(HCS-B,GEO-C)	69	SIX	NINE
MATHEMATICS	80	EIGHT	ZERO
SCIENCE(PHY-C,CHE-B,BIO-C)	66	SIX	SIX
COMPUTER APPLICATIONS	90	NINE	ZERO

Internal Assessment	Grade
SUPW & COMMUNITY SERVICE	A

Date of birth as certified by the Head of the School at the time of registration *(in words)* Twentieth February Nineteen Hundred Ninety Eight

(in figures) 20.02.1998

RESULT - PASS CERTIFICATE AWARDED

Chief Executive & Secretary

Note : 1. The pass mark for each subject is 35%
2. No divisions are awarded.

(See Overleaf)

GLA UNIVERSITY

Serial No. 005913

MATHURA (U.P.), INDIA - 281406

[Established vide U.P. Act 21 of 2010 & Approved by UGC u/s 2 (f)]

GRADE REPORT CARD

Bachelor of Technology in Computer Science & Engineering

Roll Number	: 161500020	Aadhar No.	: 410121660856
Session	: 2016-17	Year	: First
Student's Name	: ABHISHEK RAI	छात्र/छात्रा का नाम	: अभिषेक राय
Father's Name	: SADANAND RAI	पिता का नाम	: सदानंद राय
Mother's Name	: POONAM RAI	माता का नाम	: पूनम राय

FIRST SEMESTER

S.No.	Subject Code	Subject Name	Credit	Grade
1	AHE 1101	ENGLISH LANGUAGE SKILLS FOR COMMUNICATION - I	2	B
2	AHM 1101	ENGINEERING MATHEMATICS - I	4	B+
3	AHP 1101	ENGINEERING PHYSICS	4	B
4	CSE 1101	FUNDAMENTALS OF COMPUTER PROGRAMMING	3	B+
5	EEE 1001	ELECTRICAL ENGINEERING	4	B+
6	MEE 1002	BASIC MECHANICAL ENGINEERING	4	B+
7	AHE 1181	ENGLISH LANGUAGE LAB I	1	A
8	AHP 1081	ENGINEERING PHYSICS LAB	1	A
9	CSE 1181	COMPUTER PROGRAMMING LAB - I	1	A+
10	EEE 1081	ELECTRICAL & ELECTRONICS LAB	1	A
11	MEE 1082	ENGINEERING WORKSHOP PRACTICE LAB	1	A
12	CSE 1099	GENERAL PROFICIENCY	1	A

SECOND SEMESTER

S.No.	Subject Code	Subject Name	Credit	Grade
1	AHC 1101	ENGINEERING CHEMISTRY	4	B
2	AHE 2101	ENGLISH LANGUAGE SKILLS FOR COMMUNICATION II	2	B
3	AHM 2101	ENGINEERING MATHEMATICS - II	4	C+
4	CSE 2101	PROBLEM SOLVING USING COMPUTERS	3	A
5	ECE 1001	ELECTRONICS ENGINEERING	4	B
6	MEE 1001	APPLIED MECHANICS	4	B
7	AHC 1081	ENGINEERING CHEMISTRY LAB	1	B+
8	AHE 2181	ENGLISH LANGUAGE LAB II	1	A
9	CSE 2181	COMPUTER PROGRAMMING LAB-II	1	A
10	MEE 1081	APPLIED MECHANICS LAB	1	A
11	MEE 1083	ENGINEERING DRAWING	1	A
12	CSE 2099	GENERAL PROFICIENCY	1	B+

First Semester Record			Second Semester Record		
CREDITS	SGP	SPI	CREDITS	SGP	SPI
27	217	8.04	27	201	7.44

Cumulative Record up to first year		
CREDITS	CGP	CPI
54	418	7.74

SGP: Semester Grade Point.
CGP: Cumulative Grade Point

Result : Promoted

Checker/Verifier

Date : 09-Nov-2017

P.N. Maheshwari

Controller of Examinations

Serial No. 18003607

GLA UNIVERSITY

MATHURA (U.P.), INDIA - 281406

[Established vide U.P. Act 21 of 2010 & Approved by UGC u/s 2 (f)]

GRADE REPORT CARD

Bachelor of Technology in Computer Science & Engineering

Roll Number	: 161500020	Aadhar No.	: 410121660856
Session	: 2017-18	Year	: Second
Student's Name	: ABHISHEK RAI	छात्र/छात्रा का नाम	: अभिषेक राय
Father's Name	: SADANAND RAI	पिता का नाम	: सदानंद राय
Mother's Name	: POONAM RAI	माता का नाम	: पूनम राय

THIRD SEMESTER

S.No.	Subject Code	Subject Name	Credit	Grade
1	AHE 3001	ETHICS AND VALUES	2	A
2	AHM 3101	ENGINEERING MATHEMATICS-III	4	B
3	CSE 3001	DATA STRUCTURES & ALGORITHMS	4	B
4	CSE 3003	DATABASE MANAGEMENT SYSTEM	4	B
5	CSE 3102	COMPUTER ORGANIZATION	4	B
6	MBA 5031	INDUSTRIAL ECONOMICS	2	B+
7	AHE 3081	SOFT SKILLS - I	1	B+
8	AHE 3083	ENGLISH FOR PROFESSIONAL PURPOSES - I	2	B
9	CSE 3081	DATA STRUCTURES & ALGORITHMS LAB	1	A
10	CSE 3082	COMPUTER ORGANIZATION LAB	1	B+
11	CSE 3083	DATABASE MANAGEMENT SYSTEM LAB	1	B+
12	CSE 3099	GENERAL PROFICIENCY	1	A+

FOURTH SEMESTER

S.No.	Subject Code	Subject Name	Credit	Grade
1	AHS 3001	ENVIRONMENTAL STUDIES	2	B
2	CSE 4001	OPERATING SYSTEMS	4	B
3	CSE 4002	INTRODUCTION TO MICROPROCESSORS	4	B
4	CSE 4003	COMPUTER NETWORKS	4	C
5	CSE 4005	DISCRETE MATHEMATICS	4	C+
6	CSE 4104	OBJECT ORIENTED PROGRAMMING	4	B
7	AHE 4081	SOFT SKILLS - II	1	C+
8	AHE 4083	ENGLISH FOR PROFESSIONAL PURPOSES - II	2	C+
9	CSE 4082	MICROPROCESSORS LAB	1	B+
10	CSE 4083	OBJECT ORIENTED PROGRAMMING LAB	1	B
11	CSE 4181	OPERATING SYSTEMS LAB	1	B+
12	CSE 4099	GENERAL PROFICIENCY	1	A

Third Semester Record			Fourth Semester Record		
CREDITS	SGP	SPI	CREDITS	SGP	SPI
27	203	7.52	29	192	6.62

Cumulative Record up to second year		
CREDITS	CGP	CPI
110	813	7.39

SGP: Semester Grade Point.
CGP: Cumulative Grade Point

Result : Promoted

Checker/Verifier
Date : 01-Jun-2018

Controller of Examinations

Serial No. 19002838

GLA UNIVERSITY

MATHURA (U.P.), INDIA - 281406

[Established vide U.P. Act 21 of 2010 & Approved by UGC u/s 2 (f)]

GRADE REPORT CARD

Bachelor of Technology in Computer Science & Engineering

Roll Number	: 161500020		
Session	: 2018-19	Year	: Third
Student's Name	: ABHISHEK RAI	छात्र/छात्रा का नाम	: अभिषेक राय
Father's Name	: SADANAND RAI	पिता का नाम	: सदानंद राय
Mother's Name	: POONAM RAI	माता का नाम	: पूनम राय

FIFTH SEMESTER

S.No.	Subject Code	Subject Name	Credit	Grade
1	CSE 5001	DESIGN AND ANALYSIS OF ALGORITHMS	4	C+
2	CSE 5002	SOFTWARE ENGINEERING	4	C+
3	CSE 5003	THEORY OF AUTOMATA AND FORMAL LANGUAGES	4	B
4	CSE 5004	WEB TECHNOLOGY	4	B+
5	CSE 5006	PYTHON PROGRAMMING	3	B+
6	AHE 5081	SOFT SKILLS - III	4	C+
7	CSE 5081	DESIGN AND ANALYSIS OF ALGORITHMS LAB	1	B
8	CSE 5082	WEB TECHNOLOGY LAB	1	B
9	CSE 5083	MINI PROJECT-I	1	B+
10	CSE 5084	PYTHON PROGRAMMING LAB	1	B+
11	CSE 5099	GENERAL PROFICIENCY	1	A

SIXTH SEMESTER

S.No.	Subject Code	Subject Name	Credit	Grade
1	CSE 6001	COMPILER DESIGN	4	C
2	CSE 6002	OPTIMIZATION TECHNIQUES	4	C+
3	CSE 6004	SOFT COMPUTING	4	B
4	CSE 6005	BIG DATA AND ANALYTICS	4	B+
5	MBA 5034	INDUSTRIAL MANAGEMENT	4	A
6	AHE 6081	SOFT SKILLS - IV	4	C+
7	CSE 6081	COMPILER DESIGN LAB	1	B
8	CSE 6083	MINI PROJECT -II	1	A
9	CSE 6084	BIG DATA AND ANALYTICS LAB	1	B+
10	CSE 6099	GENERAL PROFICIENCY	1	B+

Fifth Semester Record			Sixth Semester Record		
CREDITS	SGP	SPI	CREDITS	SGP	SPI
28	195	6.96	28	196	7.00

Cumulative Record up to third year		
CREDITS	CGP	CPI
166	1204	7.25

SGP: Semester Grade Point.
CGP: Cumulative Grade Point

Result : Promoted

Checker/Verifier

Date : 25-May-2019

Controller of Examinations

GLA UNIVERSITY

Serial No. 20000447

MATHURA (U.P.), INDIA - 281406

[Established vide U.P. Act 21 of 2010 & Approved by UGC u/s 2 (f)]

ऋते ज्ञानान्न मुक्तिः

GRADE REPORT CARD

Bachelor of Technology in Computer Science & Engineering

Roll Number	: 161500020		
Session	: 2019-20	Year	: Fourth
Student's Name	: ABHISHEK RAI	छात्र/छात्रा का नाम	: अभिषेक राय
Father's Name	: SADANAND RAI	पिता का नाम	: सदानंद राय
Mother's Name	: POONAM RAI	माता का नाम	: पूनम राय

SEVENTH SEMESTER

S.No.	Subject Code	Subject Name	Credit	Grade
1	CSE 7001	DIGITAL IMAGE PROCESSING	4	A
2	CSE 7002	ADVANCED COMPUTER ARCHITECTURE	4	C+
3	CSE 7003	MOBILE COMPUTING	3	B
4	CSE 7025	INFORMATION RETRIEVAL SYSTEMS	4	B+
5	MBA 7001	ENTREPRENEURSHIP	4	A
6	CSE 7081	DIGITAL IMAGE PROCESSING LAB	1	C+
7	CSE 7082	ADVANCED COMPUTER ARCHITECTURE LAB	1	B+
8	CSE 7083	PROJECT -PART I	3	B+
9	CSE 7084	INDUSTRIAL TRAINING	1	C+
10	CSE 7099	GENERAL PROFICIENCY	1	B+

EIGHTH SEMESTER

S.No.	Subject Code	Subject Name	Credit	Grade
1	CSE 8001	DISTRIBUTED SYSTEMS	4	B
2	CSE 8002	CRYPTOGRAPHY AND NETWORK SECURITY	4	C+
3	CSE 8021	DATA COMPRESSION	4	C+
4	CSE 8146	CLOUD COMPUTING	4	B
5	CSE 8081	DISTRIBUTED SYSTEMS LAB	1	A
6	CSE 8082	CRYPTOGRAPHY AND NETWORK SECURITY LAB	1	A
7	CSE 8083	PROJECT -PART II	7	A
8	CSE 8099	GENERAL PROFICIENCY	1	A+

Seventh Semester Record			Eighth Semester Record		
CREDITS	SGP	SPI	CREDITS	SGP	SPI
26	201	7.73	26	195	7.50

Cumulative Record up to fourth year		
CREDITS	CGP	CPI
218	1600	7.34

SGP: Semester Grade Point.
CGP: Cumulative Grade Point

Result : Pass in First Division

Checker/Verifier

Date : 15-Jul-2020

Controller of Examinations