

**Issue No. 38**

**TRIBHUVAN UNIVERSITY**  
**OFFICE OF THE CONTROLLER OF EXAMINATIONS**  
**KATHMANDU, NEPAL.**



**ACADEMIC TRANSCRIPT**

Name of the Student  
Registration No.

: ANUP ADHIKARI  
: 3-2-45-451-2009

Course Duration

: 2 years

Level

: M.Sc. Computer  
Engineering

Institute : Engineering  
Campus : Pulchowk Campus  
Programme : Computer System and  
Knowledge Engineering

Name: ANUP ADHIKARI



OFFICE OF THE CONTROLLER OF EXAMINATIONS  
TRIBHUVAN UNIVERSITY  
KATHMANDU, NEPAL

T.U. Regd. No.: 3-2-45-451-2009

Subjects Appeared in the Examination	Full Marks	Pass Marks	Marks Secured	Examination Attended				Examination Attended				Examination Attended				
				Cr.	Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total
<b>1st Year 1st Part</b>																
Algorithmic Mathematics	4	40	60	100	20	30	50	32	46	78						
Computer Systems	4	40	60	100	20	30	50	33	45	78						
Knowledge Engineering	4	40	60	100	20	30	50	29	41	70						
Operation Research	4	40	60	100	20	30	50	38	41	79						
<b>Total</b>																<b>1220</b>

Subjects Appeared in the Examination	Full Marks	Pass Marks	Marks Secured	Examination Attended				Examination Attended				Examination Attended				
				Cr.	Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total
<b>1st Year 2nd Part</b>																
Cloud Computing	4	40	60	100	20	30	50	36	45	81						
Information Security and Audit	4	40	60	100	20	30	50	39	40	79						
<b>Electives:</b>																
Big Data Applications and Analytics	4	40	60	100	20	30	50	38	48	86						
Image Processing	4	40	60	100	20	30	50	35	52	87						
<b>Total</b>																<b>16</b>

*Revised*

*Copy*

*Signature*

*Date*

*Revised*

Name: ANUP ADHIKARI



T.U. Regd. No.: 3-2-45-451-2009

Subjects Appeared in the Examination	Pass Marks	Examination Attended			Examination Attended			Examination Attended			Examination Attended			
		Cr.	Int.	Ext.	Roll No. & Year	Total	Int.	Ext.	Total	Roll No. & Year	Total	Int.	Ext.	Total
<b>2nd Year 1st Part</b>														
Project Works	4	100	—	100	50	—	50	74	—	74				<b>296</b>
<b>Electives:</b>														
Machine Learning and Pattern Recognition	4	40	60	100	20	30	50	34	47	81				<b>324</b>
Semantic Web Technologies and Applications	4	40	60	100	20	30	50	33	43	76				<b>304</b>
<b>Total</b>	<b>12</b>													<b>924</b>

Subjects Appeared in the Examination	Examination Attended			Examination Attended			Examination Attended			Examination Attended			Examination Attended		
	Full Marks	Pass Marks	Marks Secured	Roll No. & Year	Total	Int.	Ext.	Total	Roll No. & Year	Total	Int.	Ext.	Total		
<b>2nd Year 2nd Part</b>															
Thesis: Protein Drug Interaction from their Sequence : using SMILES and FASTA	Cr.	Int.	Ext.	Total	Cr.	Int.	Ext.	Total	Cr.	Int.	Ext.	Total			
<b>Total</b>	<b>16</b>				<b>16</b>				<b>16</b>					<b>1264</b>	
<b>Grand Total</b>	<b>60</b>				<b>60</b>				<b>60</b>					<b>4740</b>	

Prepared by: Suraj Shrestha Percentage: 79.00

Checked by: Dr. Renu Passed Division: **Distinction**

Date of Issue: 2020-02-10 Passed Examination held in the month of

**2076 Kartik (2019 Oct / Nov)**

Grading system of marks secured in the examination:  
Distinction - 75% and above in the aggregate.

First Division - 65% and above in the aggregate.  
Second Division - 50% and above in the aggregate.

- To pass the examination student must secure 50 percent marks in each theory and practical papers separately as well as 60 credit hours in total.
- The overall percentage is calculated as per the credit weightage by following relation: Total Percentage =  $\Sigma(\text{Credit} \times \text{Marks}) \div (\Sigma\text{Credits})$ .

Controller of Examinations



INSTITUTE OF ENGINEERING  
TRIBHUVAN UNIVERSITY

# CHARACTER CERTIFICATE

Date: 31/03/2021

This is to certify that Mr. Anup Adhikari Campus Roll No. 073/MSCS/652 Reg. No. 3-2-45-451-2009 was a regular student of the Two Years Master Level Course in Computer System & Knowledge Engineering of the Electronics and Computer Department of this campus from Baishakhi 2074 B.S. (April 2017 A.D.) and successfully defended the thesis for the Degree of Master of Science held in Kartik 2076 B.S. (Oct/Nov 2019 A.D.) and was placed in First Division with Distinction.

To the best of my knowledge and belief he bears a good moral character I wish him every success in his professional endeavors.

*[Signature]*

**Ganesh Lal Shrestha**

**Academic Administration**

*[Signature]*

**Dr. Indra Prasad Acharya**

**Campus Chief**

# त्रिभुवन विश्वविद्यालय

## Tribhuvan University



### कम्प्यूटर इंजीनीयरिङ विज्ञानाचार्य

अनुप अधिकारी विक्रम सम्बत् २०७६ को  
 कम्प्यूटर सिष्टम तथा नलेज इंजीनीयरिङ विषयको  
 कम्प्यूटर इंजीनीयरिङ विज्ञानाचार्य परीक्षा विशिष्ट श्रेणीमा उत्तीर्ण मई  
 स्नातकोत्तरोपाधि का निमित्त योग्य ठहरिएकाले निजलाई यस उपाधिद्वारा विभूषित गरिएको छ ।

### Master of Science in Computer Engineering

*This is to certify that Anup Adhikari having  
 passed Master of Science in Computer Engineering  
 examination in Computer System And Knowledge Engineering  
 in Distinction Division of the year 2079 A.D., this degree  
 has been awarded on him/her.*

Kathmandu, Nepal

Date

21 December 2020



Vice-Chancellor

Issue No. 212



**TRIBHUVAN UNIVERSITY**  
**OFFICE OF THE CONTROLLER OF EXAMINATIONS**  
KATHMANDU  
NEPAL

**ACADEMIC TRANSCRIPT**

Name of Student : Anup Adhikari

Registration No : 3-2-45-451-2009

Institute : Engineering

Campus : Western Region Campus

Examination : Bachelor's Degree in Electronics & Communication Engineering

Course Duration : 4 Years

21 JAN 2014

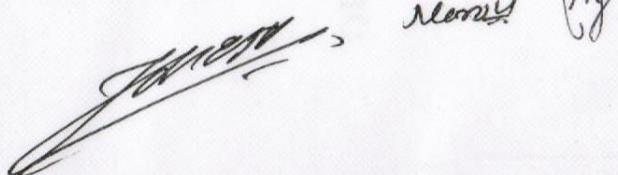
Name :- Anup Adhikari

T. U. Regd. No. :- 3-2-45-451-2009



Ist Year Ist Part												Ist Year IInd Part															
Subject/s appeared in the examination				Full Marks			Pass Marks			Exam attended Year and Roll No. 2010 and 27308			Exam attended Year and Roll No. 2010 and 57605			Exam attended Year and Roll No.			Exam attended Year and Roll No.			Exam attended Year and Roll No.					
				Marks Secured			Marks Secured			Marks Secured			Marks Secured			Marks Secured			Marks Secured			Marks Secured					
Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total				
CE401	Applied Mechanics	20	80	100	8	32	40		17	32	49																
CT401	Computer Programming	20	80	100	8	32	40	18	37	55																	
CT401	Computer Programming (Practical)	50	-	50	20	-	20	46	-	46																	
EE401	Basic Electrical Engineering	20	80	100	8	32	40	20	32	52																	
EE401	Basic Electrical Engineering (Practical)	25	-	25	10	-	10	22	-	22																	
ME401	Engineering Drawing I (Practical)	60	40	100	24	16	40	56	25	81																	
SH401	Engineering Mathematics I	20	80	100	8	32	40	12	49	61																	
SH402	Engineering Physics	20	80	100	8	32	40	15	42	57																	
SH402	Engineering Physics (Practical)	20	30	50	8	12	20	18	28	46																	
Ist Year IInd Part												Ist Year IInd Part															
Subject/s appeared in the examination				Full Marks			Pass Marks			Exam attended Year and Roll No. 2010 and 80408			Exam attended Year and Roll No. 2011 and 18953			Exam attended Year and Roll No.			Exam attended Year and Roll No.			Exam attended Year and Roll No.					
				Marks Secured			Marks Secured			Marks Secured			Marks Secured			Marks Secured			Marks Secured			Marks Secured					
Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total	
EX451	Basic Electronics Engineering	20	80	100	8	32	40	18	40	58																	
EX451	Basic Electronics Engineering (Practical)	25	-	25	10	-	10	24	-	24																	
ME451	Engineering Drawing II (Practical)	60	40	100	24	16	40	57	22	79																	
ME452	Fundamental of Thermodynamics & Heat Transfer	20	80	100	8	32	40				19	54	73														
ME452	Fundamental of Thermodynamics & Heat Transfer (Practical)	25	-	25	10	-	10	24	-	24																	
ME453	Workshop Technology	10	-	10	4	-	4	9	-	9																	
ME453	Workshop Technology (Practical)	40	-	40	16	-	16	37	-	37																	
SH451	Engineering Mathematics II	20	80	100	8	32	40	17	44	61																	
SH453	Engineering Chemistry	20	80	100	8	32	40	17	44	61																	
SH453	Engineering Chemistry (Practical)	20	30	50	8	12	20	19	28	47																	
Total							1375			550				942													

21 JAN 2014



Merry Day





Name :- Anup Adhikari

T. U. Regd. No. :- 3-2-45-451-2009

IVth Year Ist Part																			
Subject/s appeared in the examination		Full Marks			Pass Marks			Exam attended Year and Roll No.			Exam attended Year and Roll No.			Exam attended Year and Roll No.			Exam attended Year and Roll No.		
								2013 and 40057			2013 and 56804			Marks Secured			Marks Secured		
		Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total
CT701	Project Management	20	80	100	8	32	40	13	42	55									
EX701	Energy Environment & Society	10	40	50	4	16	20	9	28	37									
EX702	Communication System II	20	80	100	8	32	40				17	56	73						
EX702	Communication System II (Practical)	25	-	25	10	-	10	24	-	24									
EX703	Telecommunication	20	80	100	8	32	40	18	39	57									
EX703	Telecommunication (Practical)	25	-	25	10	-	10	25	-	25									
EX704	Filter Design	20	80	100	8	32	40	17	53	70									
EX704	Filter Design (Practical)	25	-	25	10	-	10	24	-	24									
EX707	Project I (Practical)	50	-	50	20	-	20	45	-	45									
EX72504	Aeronautical Telecommunication (Elective I)	20	80	100	8	32	40	19	58	77									
EX72504	Aeronautical Telecommunication (Elective I) (Practical)	25	-	25	10	-	10	24	-	24									
ME708	Organization & Management	20	80	100	8	32	40	16	54	70									
IVth Year IInd Part																			
Subject/s appeared in the examination		Full Marks			Pass Marks			Exam attended Year and Roll No.			Exam attended Year and Roll No.			Exam attended Year and Roll No.			Exam attended Year and Roll No.		
								2013 and 20107			Marks Secured			Marks Secured			Marks Secured		
		Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total
CE752	Engineering Professional Practice	10	40	50	4	16	20	8	20	28									
CT76506	Database Management System (Elective II)	20	80	100	8	32	40	19	51	70									
CT76506	Database Management System (Elective II) (Practical)	25	-	25	10	-	10	23	-	23									
CT78501	Remote Sensing (Elective III)	20	80	100	8	32	40	19	69	88									
CT78501	Remote Sensing (Elective III) (Practical)	25	-	25	10	-	10	24	-	24									
EX751	Wireless Communication	20	80	100	8	32	40	16	51	67									
EX752	RF & Microwave Engineering	20	80	100	8	32	40	19	45	64									
EX752	RF & Microwave Engineering (Practical)	25	-	25	10	-	10	25	-	25									
EX753	Digital Signal Processing	20	80	100	8	32	40	17	45	62									
EX753	Digital Signal Processing (Practical)	25	-	25	10	-	10	22	-	22									
EX755	Project II (Practical)	50	50	100	20	20	40	44	44	88									
Total		1550			620			1142											

21 JAN 2014

Jyoti  
Meenu  
Dy

Name :- Anup Adhikari

T. U. Regd. No. :- 3-2-45-451-2009

Based on the weightages assigned to each year scores the aggregate full marks, marks secured and percentage are given below.

Year	I	II	III	IV	Total
Weightage %	20	20	30	30	100
Full Marks	275	345	510	465	1595
Marks Secured	188.4	219.8	340.5	342.6	1091.3

Percentage 68.42

Passed Division First Division

Passed Examination of 2070 ( 2013 )



21 JAN 2014

Date of Issue

Prepared by

Checked by

Ram

J. M. Adhikari

CONTROLLER OF EXAMINATIONS

**Grading system of marks secured in the examination:**

- |                 |                                   |
|-----------------|-----------------------------------|
| Distinction     | - 80% and above in the aggregate. |
| First Division  | - 65% and above in the aggregate. |
| Second Division | - 50% and above in the aggregate  |

To pass the examination at least 40% of marks must be secured in the internal and external examinations as well as in the theory and practical examinations of each paper separately.



TRIBHUVAN UNIVERSITY  
INSTITUTE OF ENGINEERING  
Chamchatal Campus  
Lalitpur

## PASHCHIMANCHAL CAMPUS (WRC)

Serial. No.: 8705

LAMACHAUR, POKHARA

### CHARACTER CERTIFICATE

This is to certify that Mr./Ms. ....ANUPADHIKARI.....  
 of Mr. ....Nanda Lal Adhikari....., son/daughter  
 of Mr. ....Nanda Lal Adhikari....., inhabitant of Ward No. .08....., Municipality/  
 VDC. ....Dhital....., District ..Kaski....., was a regular student of the  
 Three year Diploma/Four year Bachelor's Degree Course in Electronics. & Communication Engineering of  
 this campus from .....2066..... B.S. (.....2009..... A.D.). He/She appeared in the  
 final examination held in .....2070..... B.S. (.....2013..... A.D.) and  
 was placed in .....First..... division.

To the best of my knowledge and belief he/she bears ... Good..... moral character. I wish him/her every  
 success in his/her professional endeavours. According to campus record his/her date of birth is ...2049-08-24.BS.....  
 (1992-12-09 AD)

Issue Date : 20 70/ 11/ 11

Verified by  
 Nirmala Shrestha  
 Examination Chief

for Campong Chhet

CRN: 2066/BEX/408  
 T.U. Regd. No.: 3-2-45-451-2009

Issue No. 8449P

HSEB Registration No. 654022010



# HIGHER SECONDARY EDUCATION BOARD NEPAL

(Estd. Under the Higher Secondary Education Act, 1989)

## Academic Transcript

A 0459046

Name of the Student :

ANUP ADHIKARI

School :

SAGARMATHA H. S. SCHOOL, POKHARA, KASKI

Date of Birth : 2049/08/24

Gender : Male

Nationality : Nepali

Subjects	Full Marks	Pass Marks	Marks Secured	Remarks
----------	------------	------------	---------------	---------

Grade XI

CORE	English	100	35	77
Nepali	100	35	35	
ELECTIVE	PHYSICS (TH)	075	27	40
	PHYSICS (PR)	025	10	25
	CHEMISTRY (TH)	075	27	41
	CHEMISTRY (PR)	025	10	25
	BIOLOGY (TH)	075	27	41
	BIOLOGY (PR)	025	10	24
	MATHEMATICS	100	35	74
Total		500	347	

Grade XII

CORE	English	100	35	82
Nepali	100	35	70	
ELECTIVE	PHYSICS (TH)	075	27	50
	PHYSICS (PR)	025	10	25
	CHEMISTRY (TH)	075	27	50
	CHEMISTRY (PR)	025	10	25
	MATHEMATICS	100	35	79
Total		500	381	

Grand Total

1000

728

Grade XI	
Year	Symbol Number
2065	511015

Grade XII	
Year	Symbol Number
2066	24022010

Percentage of aggregate marks secured in Grade XI and XII : 72.80

Division : First

Year of Completion : 20 66 ( 2009 )

Checked by

Verified by  
(Deputy Controller)

Date of Issue : 20 66/05/03

Controller of Examinations

Grading System :  
 75% and above - Distinction  
 60% and above - First division  
 45% and above - Second division  
 35% and above - Pass division

To pass the examination candidates must secure 35% marks in theory and 40% marks in practical papers, separately.

Note : \* means a student has passed in the second attempt.  
 \*\* means a student has passed in more than two attempts.

# Sagarmatha Higher Secondary School



(Affiliated to Higher Secondary Education Board, Nepal)

NAYABAZAR, POKHARA-9, NEPAL



Ref No. : 756



D. Adhikari  
V. Adhikari

## CHARACTER / TRANSFER CERTIFICATE

This is to certify that Mr/Miss..... Anup Adhikari.....  
son/daughter of Mr. .... Nandalal Adhikari ....., an inhabitant of  
Pokhara Sub-metropolitan City-8, Kaski ..... was a bona fide student  
of this school from the year ..... 2007 ..... to ..... 2009 ..... He/Shé appeared and  
passed the Higher Secondary Education Board Examination of classes 11 and 12 in  
Science/Management held in ..... 2009 and secured ..... first ..... division. His/Her date  
of birth according to School record is ..... 2049/08/24 ..... B. S. (..... A.D.)  
His/Her conduct during the time he/she was a student of this school was ..... good.....  
I wish every success in his/her future.

Regd. No.: 654022010

Symbol No.: 24022010

Date of Issue: July 30, 2009

Checked by

D. B. Adhikari  
Principal  
Principal



GOVERNMENT OF NEPAL  
MINISTRY OF EDUCATION & SPORTS  
OFFICE OF THE CONTROLLER OF EXAMINATIONS

Sr. No. :  
41052066

# School Leaving Certificate Examination

## MARK - SHEET

ANUP ADHIKARI

THE MARKS SECURED BY.....

2049/08/24

DATE OF BIRTH.....

ROLL ..... KASKI

SYMBOL NO.

0412789 M

OF ..... HERMANN GMEINER MA VI RAMBAZAR

IN THE ANNUAL S.L.C. EXAMINATION OF ..... 2063 ARE GIVEN BELOW

SERIAL NUMBER	SUBJECTS	FULL MARKS	PASS MARKS	OBTAINED MARKS		TOTAL	GRACE MARKS	REMARKS
				TH	PR			
01	COMP. ENGLISH	100	32	71	18	89		
02	COMP. NEPALI	100	32	75		75		
03	COMP. MATHEMATICS	100	32	90		90		
04	COMP. SCIENCE	100	32	71	25	96		
05	COMP. SOCIAL STUDIES	100	32	81		81		
06	COMP. HEALTH, POP & ENV EDU	100	32	61	25	86		
07	OPT. I ADDITIONAL MATHEMATICS	100	32	87		87		
08	OPT. II COMPUTER SCIENCE	100	32	42	50	92		
FULL MARKS		1ST DIV WITH DISTN.	1ST DIV	2ND DIV	3RD DIV	GRAND TOTAL → 696 87.00%		
800		640	480	360	256	RESULT → FIRST DIVISION WITH DISTINCTION		

1. # Means subject(s) appeared in the supplementary examination.

2. F and an asterisk (\*) - Fail

3. A - Absent

4. W - Result withheld

5. C - Subject Cancelled

6. CP - Comp.pr.mark =  $25 + 25 = 50$

INT. EXT. TOT.

CHECKED BY:

SANOTHIMI, BHAKTAPUR, NEPAL

DATE OF ISSUE : 8 September 2007

CONTROLLER



HERMANN GMEINER SCHOOL GANDAKI

Rambazar, Pokhara



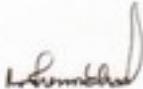
Anup

## Character/Transfer Certificate

This is to certify that **ANUP ADHIKARI** son of Mr. Nandalal Adhikari, a resident of Pokhara Sub-metropolitan City-8, Kaski, was a bona fide student of this school. He passed the National Level School Leaving Certificate (S.L.C.) Examination of Government of Nepal held in 2063(2007) and was placed in **FIRST DIVISION WITH DISTINCTION** with symbol number 0412789 'M'.

His date of birth according to the school register is 2049/08/24 B.S. His conduct during his stay in this school was excellent.

Date of issue: Asar 22, 2064  
July 6, 2007

  
(Mohan M. Khanal)  
Principal