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

	Ist Year Ist Part Subject/s appeared	T	ll Ma	wke	Par	ss Ma	rke	Year	m atter	oll No.	Year	m atter	oll No.	000000000	and Ro			and R			m atter	
	in the examination	ru	II IVIA	IKS	I a	55 1414	II KS	Marks Secured			Marks Secured			Ma	rks Sec	ured	Ma	rks Sec	ured	Ma	rks Sec	ured
	Manager Harriston	Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Tota
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																					
	Subject/s appeared in the examination	Fu	ll Ma	ırks	Pa	ss M	arks	Year	and R	oll No.	Year	and R	oll No.	10.500	am atte		Year	am atte	oll No.	Year	and R	oll No.
								Ma	rks Sec	ured	Ma	rks Sec			rks Sec		1000000	irks Sec			rks Sec	
		Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Tota
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												
	Workshop Technology	10	-	10	4	-	4	9	-	9		1000										
	Workshop reclinology			_		9000000	16	37	-	37												
ME453	Workshop Technology (Practical)	40	-	40	16	-	16		0.000		10	-	-	-	-	-		-				
ME453		40 20	80	100	8	32	40	17	44	61												
ME453 ME453	Workshop Technology (Practical)		80 80		2000				0.000	-												

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	Subject/s appeared in the examination	Fu	dl M:	arks	Pa	ss M	arks	Year	am atto and F I and	Roll No.	Year	am atte and F	Roll No.		am afte	ended Roll No.	POUNDER	am atte		100000000	am atte	ended Roll No.
	MANAMAN NEPAL							20000	rks Se	cured	Ma	irks Se			irks Sec		1000000	irks Sec		0000000	rks Se	cured
CT501		Int.		Tota			Total	Int.		Total	Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Tota
	Object Oriented Programming	20	80	100	8	32	40	16	32	48												
CT501	Object Oriented Programming (Practical)	50	-	50	20	-	20	47	-	47												
EE501	Electric Circuit Theory	20	80	100	8	32	40				15	46	61									
EE501	Electric Circuit Theory (Practical)	25	-	25	10	-	10	20	-	20												
EE502	Electrical Engineering Material	20	80	100	8	32	40	17	32	49												
EX501	Electronic Devices & Circuits	20	80	100	8	32	40	14	33	47												
EX501	Electronic Devices & Circuits (Practical)	25	-	25	10	-	10	23	-	23												
EX502	Digital Logic	20	80	100	8	32	40	16	32	48												-
EX502	Digital Logic (Practical)	50	-	50	20	-	20	45		45												
EX503	Electromagnetics	20	80	100	8	32	40	18	44	62												
EX503	Electromagnetics (Practical)	25	-	25	10		10	23	_	23												
SH501	Engineering Mathematics III	20	80	100	8	32	40	19	60	79												
	Hnd Year Hnd Part		1				1.00			1												L
	Subject/s appeared in the examination	Fu	ll Ma	rks	Pa	ss Ma	arks	Year	and R	oll No.	Year	m atte	oli No.		and R			and Ro	105010000000 P		m atte	
			144	,					rks Sec			rks Sec			rks Sec		Ma	rks Sec	ared	Mai	rks Sec	ured
CT551	Discrete Structure		100100000		950222	0.230000	Total		Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total
	Discrete structure	20	80	100	8	32	40	17	53	70												
FF557	Instrumentation I	1000 NO. 1000 NO. 1000						of 100	32	49												
EE552	Instrumentation 1	20	80	100	8	32	40	17	34				and the second of the last									
EE552	Instrumentation I (Practical)	20 25	80	100	10	-	10	22	3.4	22												
EE552 EE553	Instrumentation 1 (Practical) Power System							00000000			15	32	47									
EE552 EE553 EE554	Instrumentation I (Practical) Power System Electrical Machine	25	-	25	10	-	10	00000000			15	32	47									
EE552 EE553 EE554 EE554	Instrumentation 1 (Practical) Power System	25 20	80	25 100	10 8	32	10 40	22	-	22	15	32	47									
EE552 EE553 EE554 EE554 EX551	Instrumentation I (Practical) Power System Electrical Machine	25 20 20	80 80	25 100 100	10 8 8	- 32 32	10 40 40	22 16	35	22 51	15	32	47									
EE552 EE553 EE554 EE554	Instrumentation I (Practical) Power System Electrical Machine Electrical Machine (Practical)	25 20 20 25	- 80 80 -	25 100 100 25	10 8 8 10	32 32 -	10 40 40 10	22 16	35	22 51												
EE552 EE553 EE554 EE554 EX551	Instrumentation I (Practical)  Power System  Electrical Machine  Electrical Machine (Practical)  Microprocessor	25 20 20 25 20	80 80 - 80	25 100 100 25 100	10 8 8 10 8	32 32 - 32	10 40 40 10 40	22 16 21	35	22 51 21												
EE552 EE553 EE554 EE554 EX551 EX551	Instrumentation I (Practical)  Power System  Electrical Machine  Electrical Machine (Practical)  Microprocessor  Microprocessor (Practical)	25 20 20 25 20 50	- 80 80 - 80 -	25 100 100 25 100 50	10 8 8 10 8 20	- 32 32 - 32 -	10 40 40 10 40 20	22 16 21 46	35	22 51 21 46 72												
EE552 EE553 EE554 EE554 EX551 EX551 SH551	Instrumentation 1 (Practical)  Power System  Electrical Machine  Electrical Machine (Practical)  Microprocessor  Microprocessor (Practical)  Applied Mathematics	25 20 20 25 20 50 20	- 80 80 - 80 -	25 100 100 25 100 50	10 8 8 10 8 20 8	- 32 32 - 32 - 32	10 40 40 10 40 20 40	22 16 21 46 17	35	51 21 46												

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	Subject/s appeared in the examination		Full Marks		ks Pass Marks			Exam attended Year and Roll No. 2012 and 33157 Marks Secured			Exam attended Year and Roll No.			Exam attended Year and Roll No. Marks Secured			Exam attended Year and Roll No.			Exam attended Year and Roll No.  Marks Secured			
	The second secon		1-	lan .		I									C. C				Total				
	Computer Orginization & Architecture	Int.	10000	Total				Int.	Ext.	Total	Int.	EXI.	Total	int.	EXI.	1 Otai	Int.	Ext.	Total	Int.	E.XI.	1014	
CT603		20	80	100	8	32	40	20	57	77													
CT603	Computer Orginization & Architecture (Practical)	25	-	25	10	-	10	25	-	25													
EE602	Control System	20	80	100	8	32	40	18	41	59													
EE602	Control System (Practical)	25	-	25	10	-	10	24	-	24													
EX601	Advanced Electronics	20	80	100	8	32	40	18	32	50													
EX601	Advanced Electronics (Practical)	25	-	25	10	-	10	24	-	24													
EX602	Instrumentation II	20	80	100	8	32	40	15	34	49													
EX602	Instrumentation II (Practical)	25	-	25	10	-	10	22	-	22													
EX603	Computer Graphics	20	80	100	8	32	40	15	58	73													
EX603	Computer Graphics (Practical)	50	-	50	20		20	46		46													
SH601	Communication English	20	80	100	8	32	40	18	40	58													
SH601	Communication English (Practical)	25	-	25	10	-	10	20	-	20													
SH602	Probability & Statistics	20	80	100	8	32	40	20	53	73													
	IIIrd Year IInd Part																						
	Subject/s appeared	Fo	Full Marks			s Pass Marks			Exam attended Year and Roll No. 2012 and 40256		Exam attended Year and Roll No.			Exam attended Year and Roll No.			Exam attended Year and Roll No.						
	in the examination		Tun wan			1 ass marks		Marks Secured			Marks Secured		ured	Ma	Marks Secured		Marks Secured		nrod	Marks		Secured	
	in the examination							Ma	rks Sec	ured	141.64						IVIA	irks Sec	ureu	IVIA	rks Sec		
	in the examination	Int.		Total	Int.	Ext.	Total		rks Sec Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total			Total			Tota	
CE655	Engineering Economics			Total	Int.	Ext.	Total					Ext.	Total	Int.	Ext.				_			Tota	
CE655 CT655		Int.	Ext.	2000000			-	Int.	Ext.	Total		Ext.	Total	Int.	Ext.				_			Tota	
	Engineering Economics	Int. 20 20	Ext. 80	100	8	32	40	Int.	Ext. 33	Total 50		Ext.	Total	Int.	Ext.				_			Tota	
CT655 CT655	Engineering Economics Embedded System Embedded System (Practical)	Int. 20	Ext. 80 80	100 100	8	32 32	40 40	Int. 17 17	Ext. 33 40	Total 50 57		Ext.	Total	Int.	Ext.				_			Tota	
CT655	Engineering Economics Embedded System	Int. 20 20 25	Ext. 80 80	100 100 25	8 8 10	32 32 -	40 40 10	Int. 17 17 23	Ext. 33 40 -	Total 50 57 23		Ext.	Total	Int.	Ext.				_			Tota	
CT655 CT655 CT657 CT657	Engineering Economics Embedded System Embedded System (Practical) Computer Network Computer Network (Practical)	Int. 20 20 25 20 50	Ext. 80 80 - 80 -	100 100 25 100	8 8 10 8	32 32 - 32	40 40 10 40	Int. 17 17 23 17	Ext. 33 40 - 39	Total 50 57 23 56		Ext.	Total	Int.	Ext.				_			Tota	
CT655 CT655 CT657 CT657 EX651	Engineering Economics Embedded System Embedded System (Practical) Computer Network Computer Network (Practical) Signal Analysis	Int. 20 20 25 20 50 20	Ext. 80 80	100 100 25 100 50 100	8 8 10 8 20	32 32 - 32 -	40 40 10 40 20	Int. 17 17 23 17 45	Ext. 33 40 - 39 -	Total 50 57 23 56 45		Ext.	Total	Int.	Ext.				_			Tota	
CT655 CT655 CT657 CT657 EX651 EX651	Engineering Economics Embedded System Embedded System (Practical) Computer Network Computer Network (Practical) Signal Analysis Signal Analysis (Practical)	Int. 20 20 25 20 50 20 25	Ext. 80 80 - 80 - 80 - 80 - 80 - 80 - 80 -	100 100 25 100 50 100 25	8 8 10 8 20 8 10	32 32 - 32 - 32 -	40 40 10 40 20 40 10	Int. 17 17 23 17 45 14 21	Ext. 33 40 - 39 - 39 -	Total 50 57 23 56 45 53 21		Ext.	Total	Int.	Ext.				_			Tota	
CT655 CT655 CT657 CT657 EX651 EX651 EX652	Engineering Economics  Embedded System  Embedded System (Practical)  Computer Network  Computer Network (Practical)  Signal Analysis  Signal Analysis (Practical)  Communication System I	Int. 20 20 25 20 50 20 25 20	Ext. 80 80 - 80 - 80 - 80 80	100 100 25 100 50 100 25 100	8 8 10 8 20 8 10 8	32 32 - 32 - 32 - 32 - 32	40 40 10 40 20 40 10 40	Int. 17 17 23 17 45 14 21	Ext. 33 40 - 39 - 58	Total 50 57 23 56 45 53 21 72		Ext.	Total	Int.	Ext.				_			Tota	
CT655 CT655 CT657 CT657 EX651 EX651 EX652	Engineering Economics  Embedded System  Embedded System (Practical)  Computer Network  Computer Network (Practical)  Signal Analysis  Signal Analysis (Practical)  Communication System I  Communication System I (Practical)	Int. 20 20 25 20 50 20 25 20 25 20 25 20 25	Ext. 80 80 - 80 - 80 - 80 - 80 - 80 - 80 -	100 100 25 100 50 100 25 100 25	8 8 10 8 20 8 10 8	32 32 - 32 - 32 - 32 -	40 40 10 40 20 40 10 40 10	Int. 17 17 23 17 45 14 21 14 22	Ext. 33 40 - 39 - 39 - 58 -	Total 50 57 23 56 45 53 21 72 22		Ext.	Total	Int.	Ext.				_			Total	
CT655 CT655 CT657 CT657 EX651 EX651 EX652 EX652 EX652	Engineering Economics  Embedded System  Embedded System (Practical)  Computer Network  Computer Network (Practical)  Signal Analysis  Signal Analysis (Practical)  Communication System I  Communication System I (Practical)  Propagation & Antenna	Int. 20 20 25 20 50 20 25 20 25 20 25 20 25	Ext. 80 80 - 80 - 80 - 80 80	100 100 25 100 50 100 25 100 25 100	8 8 10 8 20 8 10 8	32 32 - 32 - 32 - 32 - 32 - 32	40 40 10 40 20 40 10 40 40	Int. 17 17 23 17 45 14 21 14 22	Ext. 33 40 - 39 - 58 - 32	Total 50 57 23 56 45 53 21 72 22 50		Ext.	Total	Int.	Ext.				_			Tota	
CT655 CT655 CT657 CT657 EX651 EX651 EX652	Engineering Economics  Embedded System  Embedded System (Practical)  Computer Network  Computer Network (Practical)  Signal Analysis  Signal Analysis (Practical)  Communication System I  Communication System I (Practical)	Int. 20 20 25 20 50 20 25 20 25 20 25 20 25	Ext. 80 80 - 80 - 80 - 80 80	100 100 25 100 50 100 25 100 25	8 8 10 8 20 8 10 8	32 32 - 32 - 32 - 32 -	40 40 10 40 20 40 10 40 10	Int. 17 17 23 17 45 14 21 14 22	Ext. 33 40 - 39 - 39 - 58 -	Total 50 57 23 56 45 53 21 72 22	Int.		Total			Total	Int.	Ext.	_			Tota	

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	IVth Year Ist Part	_																				
	Subject/s appeared in the examination	F	ıll M:	arke	Po	iss M	arke	Year	am atte and F 3 and	Roll No.	Year	am atter and F	Roll No.		am atte			am atte		1	am atte	ended Roll No
	AL PROPERTY OF DAY		***	ur KS	1.0	133 141	aiks		rks Se			arks Se		Ma	rks Sec	cured	M:	arks Sec	cured	Ma	rks Se	cured
-	Project Management	Int.	Ext.	Tota	Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total	Int.	Ext.	Total		Ext.	
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		- To Wa										
EX703	Telecommunication	20	80	100	8	32	40	18	39	57				2								
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	20	00	100	0	32	40	10	54	/0												
	Trui Tear Hill Fait							F														
	Subject/s appeared							Exam attended Year and Roll No.			Exam attended Year and Roll No.			Exam attended Year and Roll No.			Exam attended Year and Roll No.			Exam attended Year and Roll No		
	in the examination	Fu	ll Ma	rks	Pa	ss Ma	irks	2013	and 2	20107												
								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
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	-		25	43	25												
EX753	Digital Signal Processing	20	80	100	8	32	40	17	45													
EVACA	Digital Signal Processing (Practical)	25	00	25	10			22	-	62												
EX753				40	10	-	10	LL	-	1.1	6		100000000000000000000000000000000000000					0.000	ALCOHOLD TO THE REAL PROPERTY.			
EX755	Project II (Practical)	50	50	100	20	20	40	44	44	88												

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### Name :- Anup Adhikari

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

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

Percentage

68.42

Passed Division

First Division

Passed Examination of 2070 (2013)

21 JAN 2014

Date of Issue

Prepared by

Checked by

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.