

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 | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|------------|------|-------|------------|------|-------|--|------|-------|--|------|-------|---------------------------------|------|-------|---------------------------------|------|-------|---------------------------------|------|-------|---------------------------------|------|-------|
| 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. | | | Exam attended Year and Roll No. | | |
| | | | | | | | | 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 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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. | | | Exam attended Year and Roll No. | | |
| | | | | | | | | 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 |
| 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

[Signature] *Merrill* *[Signature]*

Name :- Anup Adhikari

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



| IInd Year Ist Part | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|---|------------|------|-------|------------|------|-------|--|------|-------|--|------|-------|---------------------------------|------|-------|---------------------------------|------|-------|---------------------------------|------|-------|---------------------------------|------|-------|
| Subject/s appeared in the examination | | Full Marks | | | Pass Marks | | | Exam attended Year and Roll No. 2011 and 44757 | | | Exam attended Year and Roll No. 2011 and 9507 | | | Exam attended Year and Roll No. | | | 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 | | |
| | | Int. | Ext. | Total | Int. | Ext. | Total | Int. | Ext. | Total | Int. | Ext. | Total | Int. | Ext. | Total | Int. | Ext. | Total | Int. | Ext. | Total | Int. | Ext. | Total |
| CT501 | 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 | | | | | | | | | | | | | | | |
| IInd Year IInd Part | | | | | | | | | | | | | | | | | | | | | | | | | |
| Subject/s appeared in the examination | | Full Marks | | | Pass Marks | | | Exam attended Year and Roll No. 2011 and 35407 | | | Exam attended Year and Roll No. 2012 and 77706 | | | Exam attended Year and Roll No. | | | 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 | | |
| | | Int. | Ext. | Total | Int. | Ext. | Total | Int. | Ext. | Total | Int. | Ext. | Total | Int. | Ext. | Total | Int. | Ext. | Total | Int. | Ext. | Total | Int. | Ext. | Total |
| CT551 | Discrete Structure | 20 | 80 | 100 | 8 | 32 | 40 | 17 | 53 | 70 | | | | | | | | | | | | | | | |
| EE552 | Instrumentation I | 20 | 80 | 100 | 8 | 32 | 40 | 17 | 32 | 49 | | | | | | | | | | | | | | | |
| EE552 | Instrumentation I (Practical) | 25 | - | 25 | 10 | - | 10 | 22 | - | 22 | | | | | | | | | | | | | | | |
| EE553 | Power System | 20 | 80 | 100 | 8 | 32 | 40 | | | | 15 | 32 | 47 | | | | | | | | | | | | |
| EE554 | Electrical Machine | 20 | 80 | 100 | 8 | 32 | 40 | 16 | 35 | 51 | | | | | | | | | | | | | | | |
| EE554 | Electrical Machine (Practical) | 25 | - | 25 | 10 | - | 10 | 21 | - | 21 | | | | | | | | | | | | | | | |
| EX551 | Microprocessor | 20 | 80 | 100 | 8 | 32 | 40 | | | | 16 | 44 | 60 | | | | | | | | | | | | |
| EX551 | Microprocessor (Practical) | 50 | - | 50 | 20 | - | 20 | 46 | - | 46 | | | | | | | | | | | | | | | |
| SH551 | Applied Mathematics | 20 | 80 | 100 | 8 | 32 | 40 | 17 | 55 | 72 | | | | | | | | | | | | | | | |
| SH553 | Numerical Methods | 20 | 80 | 100 | 8 | 32 | 40 | 16 | 46 | 62 | | | | | | | | | | | | | | | |
| SH553 | Numerical Methods (Practical) | 50 | - | 50 | 20 | - | 20 | 47 | - | 47 | | | | | | | | | | | | | | | |
| Total | | 1725 | | | 690 | | | 1099 | | | | | | | | | | | | | | | | | |

21 JAN 2014

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Name :- Anup Adhikari

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

| IIIrd Year Ist Part | | | | | | | | | | | | | | | | | | | |
|---------------------------------------|--|------------|------|-------|------------|------|-------|--|------|-------|---------------------------------|------|-------|---------------------------------|------|-------|---------------------------------|------|-------|
| Subject/s appeared in the examination | | Full Marks | | | Pass Marks | | | Exam attended Year and Roll No. 2012 and 33157 | | | 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 | | |
| | | Int. | Ext. | Total | Int. | Ext. | Total | Int. | Ext. | Total | Int. | Ext. | Total | Int. | Ext. | Total | Int. | Ext. | Total |
| CT603 | Computer Organization & Architecture | 20 | 80 | 100 | 8 | 32 | 40 | 20 | 57 | 77 | | | | | | | | | |
| CT603 | Computer Organization & 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 in the examination | | Full Marks | | | 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. | | |
| | | | | | | | | 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 |
| CE655 | Engineering Economics | 20 | 80 | 100 | 8 | 32 | 40 | 17 | 33 | 50 | | | | | | | | | |
| CT655 | Embedded System | 20 | 80 | 100 | 8 | 32 | 40 | 17 | 40 | 57 | | | | | | | | | |
| CT655 | Embedded System (Practical) | 25 | - | 25 | 10 | - | 10 | 23 | - | 23 | | | | | | | | | |
| CT657 | Computer Network | 20 | 80 | 100 | 8 | 32 | 40 | 17 | 39 | 56 | | | | | | | | | |
| CT657 | Computer Network (Practical) | 50 | - | 50 | 20 | - | 20 | 45 | - | 45 | | | | | | | | | |
| EX651 | Signal Analysis | 20 | 80 | 100 | 8 | 32 | 40 | 14 | 39 | 53 | | | | | | | | | |
| EX651 | Signal Analysis (Practical) | 25 | - | 25 | 10 | - | 10 | 21 | - | 21 | | | | | | | | | |
| EX652 | Communication System I | 20 | 80 | 100 | 8 | 32 | 40 | 14 | 58 | 72 | | | | | | | | | |
| EX652 | Communication System I (Practical) | 25 | - | 25 | 10 | - | 10 | 22 | - | 22 | | | | | | | | | |
| EX653 | Propagation & Antenna | 20 | 80 | 100 | 8 | 32 | 40 | 18 | 32 | 50 | | | | | | | | | |
| EX653 | Propagation & Antenna (Practical) | 25 | - | 25 | 10 | - | 10 | 23 | - | 23 | | | | | | | | | |
| EX654 | Minor Project (Practical) | 50 | 25 | 75 | 20 | 10 | 30 | 45 | 18 | 63 | | | | | | | | | |
| Total | | 1700 | | | 680 | | | 1135 | | | | | | | | | | | |

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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. 2013 and 40057 | | | Exam attended Year and Roll No. 2013 and 56804 | | | 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 | | |
| | | Int. | Ext. | Total | 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. 2013 and 20107 | | | Exam attended Year and Roll No. | | | 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 | | |
| | | 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 | - | 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

[Signature] - *Memor* *[Signature]*

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

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.