

LEC

Technical Education is the Pulse of the Development & Modern Age



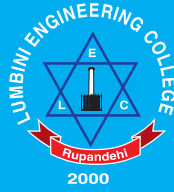
LUMBINI ENGINEERING COLLEGE (LEMSC)

*... Your Partner in
Technical Career.....*



Prospectus

We Undertake Construction Materials and Soil Testing Works also



About LEC

It came into existence in 2000 A.D. in the name of Lumbini Engineering College Pvt. Ltd. with the effort of a team consisting of members having innovative vision, long experience of and dedication to uplift the status of modern, scientific and technical education in Nepal to raise engineering education upto the world standard and to reduce the compulsion of going abroad for technical education. As the part of academic expansion, this umbrella institution established Lumbini Engineering Management & Science College (affiliated to Pokhara University) & confined Lumbini Engineering College (affiliated to CTEVT) to Diploma Level Program.

Modern age being the technical one, engineering education has become most significant, efficacious and career oriented, thus, encashable in the world job market. We have produced 12th batches and our students secured outstanding results topping university in several semesters and now they are doing equally commendable performances in various positions at home and abroad.

LEC has many more academic programs in the pipeline to be launched in the years to come

Board of Directors



Mr. Ram Chandra Dhakal
Chairman
Lumbini Engg. College P. Ltd.



Prof. Dr. Ram Chandra Acharya
Chairman
Lumbini Engg. Mgnt. & Science College



Prof. Dr. Mohan Pd. Panthi
Vice-Chairman



Assoc. Prof. Dr. K.N. Pandey
Member Secretary



Er. L.N. Pandey
Principal

+One Representative from Pokhara University

**Dean Listed LEC
Student of BCA
Bikash Suryabanshi
receiving Certificate
from the
Chancellor of the
Pokhara University
i.e. the Prime
Minister of Nepal,
In the presence
of
Vice Chancellor
Prof.
Khagendra
Bhattarai.**



Sincerity never goes unpaid

Student Evaluation System of Pokhara University

Students are evaluated internally and externally and the weightage of marks is 50% respectively for bachelor level and 60% & 40% for master level. Similarly the pass mark is 45% at bachelor level & 60% at Master level for both internal & external Exams.

Attendance Requirements

The students are expected to attend all lectures, tutorial and practical classes. A minimum of 80% attendance of the student in all the lecture, tutorial and practical classes is the scholastic requirement in each subject failure of which may result in non-qualification to take semester examination.

Grading System : PU follows relative grading based on 4.0 point scale, as hereunder:

For Bachelor Level Programs:			For Master Level Programs:		
Letter Grade	Grade Point	Description	Letter Grade	Grade Point	Description
A	4.0	Excellent	A	4.0	Excellent
A-	3	Good	A-	3.7	Good
B+	3.3		B+	3.3	
B	3.0		B	3.0	
B-	2.7		B-	2.7	
C+	2.3		C+	2.3	
C	2.0	Satisfactory	C	2.0	Satisfactory
C-	1.7	Satisfying minimum requirements for credits			
D+	1.3				
D	1.0				
F	0	Failing			

A Brief Outline of the Currently Running Programs

MASTER LEVEL PROGRAM

About M.Sc. In Construction Management

Construction is an essential activity for the continued development. Rapidly growing construction, engagement of specialized human resources and rapid changes in the construction technology, have all transformed construction into an industry that demands highly specialized manpower to organize and manage the construction works. The masters course in Construction Management, leading to M.Sc degree, has been designed to prepare construction managers, capable of using state-of-the-art knowledge and skills in organizing and managing construction works.

Eligibility:- Bachelor in any Engineering

BACHELOR LEVEL PROGRAMS

About Computer Engineering

Computer Engineering, also called Computer System Engineering, is a discipline that integrates several fields of electrical engineering and computer science required to develop computer system. Computer engineers usually have training in electronic engineering, software design a hard ware software integration instead of only software engineering or electronic engineering.

Computer engineers embed computers in other machines and systems. Build networks to transfer date and develop ways to make computers faster, smaller and more capable. Computer engineers are improving the ability of computers to see and think. They are making computers more mobile and even incorporating computers into fabrics, clothes and building materials. They are concerned with analyzing and solving computer oriented problems. The knowledge of both the "body" means hardware and the "mind" means software of a computer helps computer engineers computer system but also how they integrate into larger scenario of changing technical world.

The major technical areas are:

- * Networking
- * VLSI and design automation
- * Machine intelligence
- * Computer software
- * Bio-medical
- * Careers

Typical industries living computer engineers, include financial services, computer manufactures, chemical companies, defense contractors, consulting transportation, consumer goods manufacturing, computer engineers are equally successful in large multinational firms and small star.

Eligibility:- +2 Science/I.Sc./Diploma including Bio Group

About Civil Engineering

Civil Engineering is the oldest in engineering industry. Civil engineering deals mainly with the infrastructural development and maintaint. It starts with the feasibility survey, detailed desihn drawing, estimation, supervision monitory and evaluation of the construction, it is continuous for proper operation and maintenance for long life of the structure.

According the civilization of the people, the physical facilities are also developed on them Most of physical infrastructures to provide the facilities are constructed by the civil engineers. Survey, design, estimation and supervision of the safe drinking water supply system; well facilitated highways and bridges, sky kissing tall strong modern building, irrigation and rever training works, dama and barnages are the field of the civil engineering industry. Thus the civil engineering are used from very far remote village to very high facilities cities in development works and the civil engineers overseers i.e. civil technicians are involved in these never ending and attractive field

Eligibility:- +2 Science/I.Sc./Diploma including Bio Group.

About Electronics & Comm. Engineering

Electronics deals with study of emission, behaviour & effects of electronics, in vaccum gas or semiconductor. The important of electronics is increasing day by day. The wide application of electronics from general public use to research work show the importance of electronics. The electronics devices used in different fields made it possible to use for different purpose. Wide application of electronics in different field helps it to enter the consumer, industrial &

Everything flows from mind even your vision



Semesterwise Subjects

Diploma in Civil Engineering

First Semester

S.N.	Subjects
1	Communication Nepali I
2	Communication English
3	Engineering Mathematics I
4	Engineering Physics I
5	Engineering Chemistry I
6	Workshop Practice I
7	Engineering Drawing I

Second Semester

S.N.	Subjects
1	Engg. Mathematics II
2	Engg. Physics II
3	Engineering Chemistry II
4	Workshop Practice II
5	Engineering Drawing II
6	Computer Application I
7	Engg. Materials

Third Semester

S.N.	Subjects
1	Engineering Mathematics III
2	Surveying I
3	Applied Mechanics
4	Basic Hydraulics
5	Building Construction
6	Construction Drawing
7	Computer Aided Drafting

Fourth Semester

S.N.	Subjects
1	Social Studies
2	Management I
3	Surveying II
4	Estimating and Costing I
5	Mechanics of Structure
6	Soil Mechanics
7	Water Supply Engineering

Fifth Semester

S.N.	Subjects
1	Estimating and Costing II
2	Surveying III
3	Structural Design and Drawing
4	Highway Engineering I
5	Sanitary Engineering
6	Construction Management
7	Minor Project (Survey Camp)

Sixth Semester

S.N.	Subjects
1	Entrepreneurship Development
2	Highway Engineering II
3	Estimating and Costing III
4	Irrigation and Drainage Engineering
5	Major Project
6	Elective

We draw a map of success for every student

Semesterwise Subjects

Diploma in Computer Engineering

First Semester

S.N.	Subjects
1	Communication Nepali I
2	Communication English
3	Engineering Mathematics I
4	Engineering Physics I
5	Engineering Chemistry I
6	Computer Fundamentals
7	Engineering Drawing I
8	Computer Programming in C

Second Semester

S.N.	Subjects
1	Engineering Mathematics II
2	Engineering Physics II
3	Engineering Chemistry II
4	Logic Circuits
5	Object Oriented Programming in C++
6	Electrical Engineering
7	Web Technology & Programming I

Third Semester

S.N.	Subjects
1	Web Technology & Programming II
2	Engineering Mathematics III
3	Data Structure & Algorithm
4	Visual Programming
5	Microprocessors
6	Electronic Devices & Circuits

Fourth Semester

S.N.	Subjects
1	Data Communication
2	Software Engineering
3	Database Management System (DBMS)
4	Computer Architecture
5	Computer Repair & Maintenance
6	Social Studies
7	Statistics & Probability

Fifth Semester

S.N.	Subjects
1	Computer Networks
2	Management Information System (MIS)
3	Embedded System
4	Computer Graphics
5	Applied Operating System
6	Technical English
7	Elective I
8	Minor Project

Sixth Semester

S.N.	Subjects
1	Multimedia Technology
2	E-commerce
3	Artificial Intelligence
4	Elective II
5	Object oriented analysis and design
6	Major project



*We nourish according to requirement of every student
Encouragement is the vitamin of academic spirit- L&C knows it*

Semesterwise Subjects

Diploma in Electrical Engineering

First Semester

S.N.	Subjects
1	Communication Nepali I
2	Communication English
3	Engg. Mathematics I
4	Engineering Physics I
5	Engineering Chemistry I
6	Computer Application
7	Workshop Technology
8	Engineering Drawing I

Second Semester

S.N.	Subjects
1	Engineering Mathematics II
2	Engineering Physics II
3	Engineering Chemistry II
4	Applied Mechanics
5	Safety Rules and Regulation
6	Electrical Workshop
7	Engineering Drawing II
8	Principles of Electrical Engineering

Third Semester

S.N.	Subjects
1	Computer Programming
2	Basic Electronics
3	Civil Construction and Survey
4	Electrical and Electronic Engineering Material
5	Electric Circuit Theory
6	Principles of Management & Costing
7	Electrical Installation I
8	Electrical Engineering Drawing I

Fourth Semester

S.N.	Subjects
1	Microprocessor & Microcontroller
2	Computer Aided Drawing
3	Electronic Devices and Logic Circuits
4	Electrical Installation II
5	Electrical Engineering Drawing II
6	Electrical Measurement & Measuring Instrument
7	Electrical Machines I
8	Power Stations

Fifth Semester

S.N.	Subjects
1	Electricals Installation Design, Estimating
2	Switch Gear and Protection
3	Power Electronics
4	Electrical Machines II
5	Utilization of Electrical Energy
6	Control System Components
7	Electrical Repair and Maintenance I
8	Minor Project

Sixth Semester

S.N.	Subjects
1	Electrical Energy Audit and Conservation
2	Transmission and Distribution of Electrical Power
3	Project II
4	Power System Operation and Maintenance
5	Electrical Repair and Maintenance II
6	Industrial Attachment
7	Entrepreneurship Development
8	Elective



Diploma Electrical Students Doing their Project of Micro Hydro Power



LEC Stars in Convocation Programme of Pokhara University



Prof. Jibraj Pokharel V.C. of NAST Addressing the Seminar of Civil Engg. at LEC Seminar Hall

Name of Some of the students of Master and Bachelor level who have passed M.Sc. (C/M) and B.E. in Computer, Civil, Electronics and Communication and B.C.A. from this college and are engaged in different Government departments, companies in Nepal and Foreign Countries.



Name : Er. Gautam Rauniyar
 Faculty : Civil, M. Sc (CM)
 Batch : 2006
 Company : Butwal Municipality (PEC)
 Butwal
 Position : Engineer



Name : Er. Krishna Bdr. B.K.
 Faculty : Mecanical, M. Sc (CM)
 Batch : 2006
 Company : Mid Western Irrigation Div.-4
 Pyuthan
 Position : Engineer



Name : Pradip Ghimire
 Faculty : Civil Engineering
 Batch : 2006
 Office : United Eng. consultancy
 Position : Managing director



Name : Nava Raj Pandey
 Faculty : Computer Engineering
 Batch : 2003
 Company : Tele Communication
 Dept. Melbourne Australia



Name : Er. Nabin K. Singh
 Faculty : Mecanical, M. Sc (CM)
 Batch : 2006
 Company : District Technical Office
 Shankhuwasabha
 Position : Divisional Engineer (DE)



Name : Rakesh Pandey
 Faculty : Electronic & Comm.
 Batch : 2002
 Office : Nepal Telecon, W. Regional
 Directorate, BHAIHAWA
 Position : Telecom Engineer



Name : Er. Govinda Gautam
 Faculty : Civil, M. Sc (CM)
 Batch : 2006
 Company : District Building Office
 Rupandehi
 Position : Senior Engineer



Name : Er. Shikhar Lama Tamang
 Faculty : Mecanical, M. Sc (CM)
 Batch : 2006
 Company : Urban Dev. & Building Const. Div.
 Rupandehi
 Position : Engineer



Name : Suresh Khanal
 Faculty : B.C.A.
 Batch : 2008
 Position : IT Officer



Name : Er. Sandeep Agrawal
 Faculty : Mecanical, M. Sc (CM)
 Batch : 2006
 Company : Heavy Equipments Roads
 Rupandehi
 Position : Engineer



Name : Er. Umesh Pahari
 Faculty : Civil, M. Sc (CM)
 Batch : 2006
 Company : Butwal Municipality
 Butwal
 Position : Engineer



Name : Alina Khadka
 Faculty : B.C.A.
 Company : BRAIN DIGITS
 Position : Software Developer



Name : Khusbu Karna
 Faculty : B.C.A.
 Company : BRAIN DIGITS
 Position : Software Developer

We maintain the bond beyond.....



Name : Sanat Acharya
 Faculty : Comp.Engineering
 Batch : 2001
 Company : Janata Bank Nepal Ltd. Nepalgunj Branch
 Position : Branch Manager.



Name : Arun khandal
 Faculty : Civil Engineering
 Office : Dist. Edu. Office Rupandehi
 Position : Engineer



Name : Dhruva Dhital
 Faculty : Civil
 Batch : 2002
 Company : Water Supply & Sub Div. Off.
 Yogikuti Rupandehi
 Position : Senior Engineer



Name : Bhupendra Acharya
 Faculty : Computer Engineering
 Batch : 2002
 Company : VentureGiant.
 Paddington, London, UK
 Position : Senior Developer



Name : Bishal Gaurav jha
 Faculty : Computer
 Batch : 2001
 Company : Nepal Electricity Authority
 Position : Engineer



Name : Gokarna Pandey
 Faculty : Electronics & Communication
 Batch : 2003
 Company : Ph.D. Research
 University : Urif Brussel



Name : Bharat Panthee
 Faculty : Computer
 Batch : 2000
 Company : IT Consultant Burlington,
 Ontario, Canada
 Position : Engineer



Name : Sanjay Aryal
 Faculty : Civil Engineering
 Position : Director (Project Engineer)
 Company : SUMEC - Sunaula Khimti JV
 (Project : Demo. Scheme - DNI for Kusunti Area, Lalitpur)
 (Project : DNI Pilot Proj. Scheme Work - Kalapool Area, Ktm.)



Name : Somnath Adhikari
 Faculty : Civil
 Batch : 2008
 Company : Butwal Municipality Office
 Position : Engineer



Name : Kamal budhathoki
 Faculty : Electronics & Comm.
 Batch : 2005
 Company : NCELL
 Position : Engineer(RNO)



Name : Krishna Bdr. Bishwarkarma
 Faculty : 2003
 Company : Wes. Irrigation Dev. Div. No.-6,
 Jupandehi
 Position : Engineer



Name : Shankar chaudhary
 Faculty : Computer
 Batch : 2001
 Company : Niradha Uthhan Bank Ltd.
 Head Office Kathmandu
 Position : IT Supervisor



Name : Guna Nidhi Pokhrel
 Faculty : Civil Engineering
 Batch : 2002
 Company : Water Supply Sub. Division
 Jogikuti, Rupandehi
 Position : Engineer



Name : Yuvraj khatri chhetri
 Company: ConnectVoIP Networks
 NY USA
 Position : CTO(Chief Technology Officer)



Name : Deepak Ghimire
 Faculty : Computer
 Batch : 2002
 Company : Chonbuk National U., Dep.
 of Comp. Eng. (Republic Korea)
 Position : PhD Scholar



Name : Er. Medhraj Marasini
 Faculty : Civil, M. Sc (CM)
 Batch : 2006
 Company : Butwal Division, Roads
 Position : Divisional Engineer (DE)



Name : Er. Vijaya Ch. Kahtiwoda
 Faculty : Civil, M. Sc (CM)
 Batch : 2006
 Company : Water Induced Disaster Control Deptt.
 Position : Divisional Engineer (DE)



Name : Er. Hari Pd. Guragain
 Faculty : Civil, M. Sc (CM)
 Batch : 2006
 Company : Estern Irrigation Project Sub. Dev. Khotang
 Position : Divisional Engineer (DE)



Name : Drona Ghimire
 Faculty : Electronics & Communication
 Batch : 2007
 Company : Nepal Tele Comm. (NTC)
 Position : Engineer



Name : Hom Bahadur AC
 Faculty : Civil
 Batch : 2001
 Company : Roads Division, Butwal
 Position : Engineer



Name : Er. Prem Narayan Bashyal
 Faculty : Civil, M. Sc (CM)
 Batch : 2006
 Company : District Technical Office Palpa
 Position : Engineer



Name : Pradeep kumar Sharma
 Faculty : Computer
 Batch : 2000
 Company : HP USA
 Position : Engineer



Name : Prem Bhushan Khandal
 Faculty : Computer
 Batch : 2000
 Company : Nabil Bank (IT Dept)
 Position : Senior Engineer at present in Japan



Name : Er. Lok Bdr. Chaulagain
 Faculty : Civil, M. Sc (CM)
 Batch : 2006
 Company : Water Supply & Cleaning Deptt. Ramechhap
 Position : Engineer (DE)



Name : Suman Shrestha
 Faculty : Civil
 Batch : 2001
 Company : Butwal Muni. Off. Sec. Towns Integrated Urban Env't. Imp. Project
 Position : Project Engineer



Name : Susmita Chhetri
 Faculty : Electronics & Communication
 Batch : 2006
 Company : Butwal Power Company
 Position : Engineer



Name : Er. Ashok K. Sah
 Faculty : Civil, M. Sc (CM)
 Batch : 2006
 Company : District Technical Office Khotang
 Position : Divisional Engineer



Name : Shikhar Chhantyal
 Faculty : Electronics & Communication
 Batch : 2006
 Company : Lumbini Engineering College
 Position : Lecturer



Name : Aabha Shrestha
 Faculty : Civil Engineering
 Batch : 2005
 Company: Mount Kailash Energy Co (P). LTD (Thapa Khola Hydroelectric Project)
 Position : Engineer



Name : Er. Surendra Ghimire
 Faculty : Civil, M. Sc (CM)
 Batch : 2006
 Company : District Technical Office Dolpa
 Position : Engineer



Name : Atul Upadhyaya
 Faculty : B.E Electronic & Comm.
 Batch : 2005
 Company : ZTE NEPAL PVT. LTD.
 Position : Regional Project Manager



Name : SAURABH GUPTA
 Faculty : Computer Engineering
 Batch : 2005
 Company : TATA CON. SERVICES (TCS)
 Position : SOFTWARE ENGINEER



Name : Alok Kumar Pandey
 Faculty : Computer Engineering
 Batch : 2002
 Company : BRAINDIGIT IT Solution Pvt. Ltd.
 Gyaneshwor-33, Ktm, Nepal
 Position : Director of "Strategic Product Development"



Name : Santosh Mandal
 Faculty : Computer Engineering
 Batch : 2001
 Company : Aviva insurance company
 United Kingdom
 Position : Software test analyst



Name : Madhu Sudan Pradhan
 Faculty : Electronics and Comm.
 Study : Master Deggendorf U. of Applied Sciences
 Faculty of Electrical Engineering
 and Media Technology
 Deggendorf, Germany



Name : Bidya Nidhi Lamsal
 Faculty : Computer Engineering
 Batch : 2000
 Company : Ncell Pvt. Ltd.-Telia Sonera Group
 Position : Senior Engineer -ICT Dep.



Name : Dinesh K Mandal
 Faculty : Computer Engineering
 Batch : 2000
 Company : Excelsoft India Pvt Ltd, Noida – 65, India
 Position : Associate Dev. Manager



Name : Anil Koirala
 Batch : 2000
 Faculty : BE Computer
 Company : Profound Radiance Inc.
 Washington, DC, USA
 Position : QA Test Engineer



Name : Pooja Sharma
 Faculty : Computer Engineering
 Batch : 2002
 Company : Ajou University
 Suwon, South korea
 Position : PHD researcher



Name : Ananta Pandey
 Faculty : Computer Engineering
 Batch : 2002
 Company : Samsung Electronics
 Suwon, South korea
 Position : Engineer



Name : Bikram panday
 Faculty : Computer Engineering
 Batch : 2002
 Company : CISCO(AUSTRALIA)
 Position : Network support engineer.



Name : Umesh pahari
 Faculty : Civil Enngineer
 Batch : 2003
 Company : Butwal Municipality
 Sec. Town Integrated Urban Env.
 Improvement Project STIUEIP (ADB)



A View of Hydropower Lab

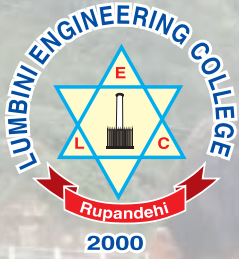


Part of the Soil Testing Machine



Universal Testing Machine For Materials

AN ISO 9001 : 2008 Certified College (U/P)



Lumbini Engineering, Management & Science College (Affiliated to Pokhara University)

Master's Program

M Sc (Construction Management)

Bachelor's Program

B.E. Civil

B.E. Computer

B.E. Electronics & Communication

B.E. Electrical & Electronics (P)

BCA (Bachelor in computer Application)

Lumbini Engineering College

(Affiliated to CTEVT)

Diploma's Program

Diploma in Computer Engineering

Diploma in Civil Engineering

Diploma in Electrical Engineering

Study
in Nepal
to secure
your future

LEC

Lumbini Engineering College

Bhalwari, Rupandehi, Nepal, Tel: 071-561030, Fax: 561959,
e-mail: lumbiniyec@gmail.com, URL: www.lumbini.edu.np

Shree... bit, tel.:544817

A Brief Outline of the Currently Running Programs

PROGRAM

military marker. Some of the popular electronics devices among the people at present are mobile phone, CD, VCD, DVD layer Electronics play vital role in sophisticated weapon systems controlled guided system. scope of electronics:

Eligibility:- +2 Science/I.Sc./Diploma including Bio Group

- 1) Communication & entertainment
- 2) Industrial system
- 3) Biomedical science
- 4) Instrumentation system
- 5) Defense system etc.

About BCA

Fast growing information technology and communication systems have become critical components of almost every company's strategic plan. Companies which to take advantage of the new information technologies and communication systems require expert professionals, who can apply computer science principles to solve problems produced by the interface between business and technology. This is 4-year undergraduate program where students are exposed to various areas of computer applications including the latest developments keeping pace with the industry.

Objectives:-

- The course aims at realizing the following student objectives:
- To demonstrate a sound knowledge in key areas of computer science or industrial computing.
- To demonstrate a substantial understanding of concepts in key areas of computer science.
- To carry out the required analysis and synthesis involved in computer systems, information systems and computer application.
- To demonstrate professional competence in developing software and in its design and implementation.
- To develop sound practical skill to enable them to addressing problems which arise from computer system and application.

Eligibility: 10+2 or equivalent in any stream (Sci/Art/Commerce) OR 3-year Diploma from any recognised board of technical education.

DIPLOMA LEVEL PROGRAMS

About Diploma in Engineering

Diploma in Engineering is a 3-year academic course after the SLC. This course is the foundation of any branch of Engineering. After completion of this course students are eligible for the post of Overseer, Junior Engineer or Sub-Engineer and they are also eligible to pursue higher studies in any branch (Civil, Computer, Electronics and Communication, Electrical, Mechanical etc.) of Bachelor of engineering and even in management.

In the sector of job, this is mid-level technical manpower in any branch of engineering which is most demanded manpower in developing country like Nepal and even in the developed countries. These products are entitled for the job as junior engineer/overseer (1st class technical non-gazetted) in Nepal government and junior Engineer in projects, NGOs, INGOs etc.

Eligibility:- SLC Pass

About Electrical Engineering

Electrical engineering is that branch of engineering in which we study about electricity i.e. the engineering related to electricity is called electrical engineering. The electrical engineering is mainly related to generation transmission and distribution of electrical power so electrical engineering is also called high voltage engineering or power engineering. The importance of electrical engineering is much more for our country because our country because our country is the second richest country in water resources in the world and several megawatts of electrical power can be generated. There are so many scopes of electrical engineering such as government, non-government, hydropowers, industries etc.

Eligibility:- SLC Pass

For Diploma in Civil & Computer Engineering the matter is under Bachelor Level Program

Prior knowledge of path makes the destination easy

Set your eyes at the target



Semesterwise Subjects

Master in Construction Management

M.Sc. (Construction in Management)

First Semester

MGT 511.3	Project Planning and Control
MGT 512.3	Human Resource Management
STT 505.3	Statistical Analysis
ECM 521.3	Professional Ethics and Liability in Construction
ECO 501.3	Economics for Construction Managers

Second Semester

ECM 522.3	Construction Policies, Environment and law.
ECM 523.3	Construction Project Management
FIN 521.3	Financial Management
ECM 524.3	Management of Construction Plant and Equipment
.....3	Elective - I

Third Semester

ECM 621.3	Construction Project Engineering and Administration
ECM 622.3	Construction Safety Engineering
RCH 601.3	Research Methodology
ECM 623.3	Construction Management in Developing Countries
.....3	Elective II

Fourth Semester

ECM 625.15	Thesis
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We Undertake Construction Materials and Soil Testing Works also

Semesterwise Subjects

Bachelor in Electronics & Communication Engg.

Course Code	Course Description		
First Semester		Fifth Semester	
MTH 111.3	Engineering Mathematics I	CMP 364.3	Computer Graphics
CHM 103.4	Chemistry	.....3	Embedded System
ENG 104.2	Communication Technique	CMM 352.3	Signal & System
CMP 103.3	Programming in C	ELE 375.3	Control System
ELE 105.3	Basic Electrical Engineering	ELX 353.3	Integrated Digital Electronics
MEC 178.1	Mechanical Workshop	MTH 212.3	Probability & Statistics
Second Semester		Sixth Semester	
MTH 121.3	Engineering Mathematics II	CMM 363.3	Analog Communication
CHM 102.4	Physics	ELX 361.3	Industrial Electronics and Drives
MEC 109.2	Engineering Drawing	ELX 362.3	Filter Design
ENG 104.2	Object Oriented Programming in C ++	CMP 367.3	Computer Organization
MEC 189.2	Thermal Science	MNG 410.3	Engineering Economics
MEC 119.3	Applied Mechanics	.....3	Elective - I
Third Semester		Seventh Semester	
MTH 211.3	Engineering Mathematics III	CMM 371.3	Electromagnetic Propagation & Antenna
ELE 226.2	Electrical Engineering Materials	.....2	Research methodology
ELE 215.3	Network Theory	CMP 474.3	Computer Networks
ELX 228.4	Electronic Devices	CMM 473.3	Digital Communication
ELX 223.3	Electromagnetic Fields and Waves	..... 3	Elective II (3 Credit)
ELX 212.3	Logic Circuits	ELX 482.3	Digital Signal Processing
Fourth Semester		.....2	Project II
Fourth Semester		Eighth Semester	
MTH 223.3	Engineering Mathematics IV	MNG 411.2	Organization and Management
ELE 221.3	Instrumentation	CMM 481.3	Telecommunication
ELX 225.3	Electronic Circuits	..... 3	Elective III (3 Credit)
ELX 226.3	Microprocessors	PRJ 400.4	Project III
MTH 317.3	Numerical Methods	..... 3	Wireless Communication
.....1	Project I	..... 2	ICT Professional Practice



Communication is a modern boon

LEC Stars Who Topped The Pokhara University in different Semesters Securing 100% Marks in their Final Examination (Some of them more than 5 times) and students of CTEVT Programme who topped Nepal



Krishna Khanal
BE Computer



Sagar Basnet
BE Elec & Comm.



Saroj Mandal
BE Elec & Comm.



Sushmita Chhetri
BE Elec & Comm.



Milan Rawal
BE Civil



Bikash Suryabansi
BCA



Tilak Bdr. Gaha
BE Civil



Alina Khadka
B.C.A.



Khusbu Karna
B.C.A.



Gauri Lal Dhakal
Civil



Hemanta Pandey
Civil



Abhinesh Khatri
Diploma (CTEVT)
Nepal Topper



Deepak Pandey
Diploma (CTEVT)
Nepal Topper

Semesterwise Subjects Bachelor in Civil Engineering

Course Code

Course Description

First Semester

MTH 111.3	Engineering Mathematics I
PHY 102.4	Physics
MEC 189.2	Thermal Science
MEC 109.1	Engineering Drawing
CMP 103.3	Programming in C
ELE 105.3	Basic Electrical Engineering

Second Semester

MTH 121.3	Engineering Mathematics II
CHM 103.4	Chemistry
CMP 104.2	Object Oriented Programming in C++
ENG 104.2	Communication Technique
MEC 178.1	Mechanical Workshop
MEC 119.3	Applied Mechanics I

Third Semester

MTH 211.3	Engineering Mathematics III
MAT 201.2	Civil Engineering Materials
WRE 250.3	Fluid Mechanics
MEC 288.3	Strength of Materials*
GEO 262.3	Engineering Geology//
MEC.....2	Applied Mechanics II
PRJ.....1	Project I

Fourth Semester

MTH 317.3	Numerical Methods
MTH 212.3	Probability & Statistics
WRE 262.3	Hydraulics
SRV 201.3	Surveying I
ELX 201.2	Basic Electronics Engineering
STR 332.3	Structural Analysis I

Fifth Semester

ARC 216.2	Building Technology
HYD 301.2	Engineering Hydrology
SRV 302.3	Surveying II
STR 340.3	Structural Analysis II
GEO 373.4	Soil Mechanics//
ENV 356.3	Water Supply Engineering
PRJ.....1	Project II

Sixth Semester

WRE 353.3	Irrigation Engineering
GEO 383.3	Foundation Engineering
STR 410.3	Design of Steel and Timber Structures
.....3	Sanitary Engineering
.....3	Concrete Technology & Masonry Structure
.....2	Survey Field Project

Seventh Semester

STR 412.3	Design of R.C.C. Structures
EST 441.3	Estimating & Valuation
MNG 410.3	Engineering Economics//
TRP 476.3	Transportation Engineering I
.....3	Hydropower Engineering
.....3	Elective I

Eight Semester

.....3	Elective II
MNG 430.3	Construction Project Management//
MNG 425.2	Engg. Professional Practice
PRJ 400.5	Project III
.....2	Remote Sensing & GIS
TRP 477.3	Transportation Engineering II

If you have potentiality, we have faculties to shape it to reach the top

Semesterwise Subjects

Bachelor in Electrical & Electronic Engg.

Course Code	Course Description
First Semester	
MTH 111.3	Engineering Mathematics I
CHM 102.4	Physics
CMP 109.2	Engineering Drawing
ENG 103.3	Programming in C
MEC 189.2	Thermal Science
ELE 105.3	Basic Electrical Engineering
Second Semester	
MTH 121.3	Engineering Mathematics II
CHM 103.4	Chemistry
CMP 104.3	Object Oriented Programming in C ++
ENG 104.2	Communication Technique
MEC 178.1	Mechanical Workshop
MEC 119.3	Applied Mechanics I
Third Semester	
MTH 217.4	Engineering Mathematics III
ELE 226.2	Electrical Engineering Materials
ELE 215.3	Network Theory
ELX 228.4	Electronic Devices
ELX 223.3	Electromagnetic Fields and Waves
ELX 212.3	Logic Circuits
Fourth Semester	
MTH 223.3	Engineering Mathematics IV
ELE 221.3	Instrumentation
ELX 226.3	Microprocessors
MTH 317.3	Numerical Methods
ELX 225.3	Electronic Circuits
ELE 227.3	Electrical Machine

Fifth Semester	
	Organization & Management
	Advanced Electrical Machine
	Signal & System
	Transmission and Distribution
	Control System
	Probability & Statistics
Sixth Semester	
	Power Electronics
	Power System Analysis
	Communication System
	Power Plant & Equipment
	Switch Gear & Protection
	Research Methodology
Seventh Semester	
	Engineering Economics
	Transmission Line Design
	Advanced Communication
	Advanced Instrumentation
	Elective I
	Project II
Eighth Semester	
	Utilization of Electric Power
	Professional Ethics in Engineering
	Power Plant Design
	Elective II
	Project
	High Voltage Engineering



Nothing remains outside of a girls capacity not even the civil Engineering so i completed my B.E. in Civil from LEC and i am really proud of my College and Teachers and Staff.

Name : Sadikshya Thapa
 Faculty : Civil Engineering
 Batch : 2008
 Position : Higher Study in America



Whatever competence I possess today it is because of LEC. I am really thankful to the faculties and management of my college.

Name : Manju Adhikari
 Faculty : Civil
 Batch : 2006
 Company : Comm. Irrigation Project (CIP), DoLIDAR District Tech. Off. (DTO), Dang
 Position : Engineer



Proud to be an alumnus of LEC, Bhalwari. Thank you for teaching us honesty, sincerity and hardwork can lead a person to the greater height. And, we can vouch for the fact that our life has changed forever with the LEC.

Name : Krishn Khanal
 Faculty : Computer
 Batch : 2002
 Company : Citrix Sys. Citrix R&D India Pvt. Ltd.
 Position : Senior Software Engineer



Name : Saroj Mandal
 Faculty : Electronics & Comm.
 Batch : 2002
 Company : BBDNITM, Lucknow
 Position : Sr. Lecturer



For me LEC is the best College for Civil Engineering

Name : Khagendra Budha Magar
 Faculty : Civil
 Batch : 2008
 Company : Peace & Rehabilitation Dep.
 Position : Engineer

Life's value lies in materializing the dream - join LEC for it



Computer Networks - inter connection

Semesterwise Subjects

Bachelor in Computer Engineering

Course Code	Course Description
First Semester	
MTH 111.3	Engineering Mathematics I
CHM 103.4	Chemistry
ENG 104.2	Communication Technique
CMP 103.3	Programming in C
ELE 105.3	Basic Electrical Engineering
MEC 178.1	Mechanical Workshop
Second Semester	
MTH 121.3	Engineering Mathematics II
PHY 102.4	Physics
MEC 109.2	Engineering Drawing
CMP 104.3	Object Oriented Programming in C ++
MEC 189.2	Thermal Science
MEC 119.3	Applied Mechanics
Third Semester	
MTH 211.3	Engineering Mathematics III
CMP 331.3	Data Structure and Algorithm
ELE 261.2	Electrical Engineering Materials
ELE 215.3	Network Theory
ELX 213.3	Electronic Devices and Circuits
ELX 212.3	Logic Circuits
Fourth Semester	
MTH 223.3	Engineering Mathematics IV
ELE 221.3	Instrumentation
CMP 383.3	Database Management System
.....3	Advanced Programming Technology
ELX 226.3	Microprocessors
.....1	Project I
Fifth Semester	
MTH 317.3	Numerical Methods
CMP 472.3	Computer Architecture
CMP 332.3	Operating System
CMP 364.3	Computer Graphics
CMP 224.3	Theory of Computation
MTH 212.3	Probability and Statistics
Sixth Semester	
CMP 381.3	Simulation and Modeling
CMM 362.3	Data Communication
CMP 388.3	Object Oriented Software Engineering
PRJ 300.2	Project II
.....3	Elective I
.....3	Embedded System
Seventh Semester	
MNG 410.3	Engineering Economics
CMP 481.3	Image Processing & Pattern Recognition
CMP 421.3	Artificial Intelligence
CMP 474.3	Computer Network
..... 3	Elective II (3 Credit)
.....3	ICT Project Management
Eighth Semester	
MNG 411.2	Organization and Management
ELX 482.3	Digital Signal Analysis and Processing
.....2	Social & Professional Issues in IT
.....2	Information System
..... 3	Elective III (3 Credit)
.....5	Project III

The globe is at our hand if we have the curiosity

Semesterwise Subjects

Bachelor in Computer Application

Course Code	Credit	Course Description
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First Semester

ENG 121	3	English I
MTH 131	3	Mathematics I
ELX 141	3	Digital Logic Systems
CMP 111	3	Computer Fundamental and Application
CMP 112	3	Programming Logic and Technique

Second Semester

ENG 122	3	Business & Technical Communication
MTH 132	3	Mathematics II
ACC 121	3	Financial Accounting I
CMP 113	3	Programming Language in C
ELX 142	3	Fundamentals of Electrical and Electronics
PRJ 151	1	Project I

Third Semester

CMP 211	3	Object Oriented Programming in C
CMP 212	3	Data Structure & Algorithms
CMP 213	3	System Analysis and Design
ACC 221	3	Financial Accounting II
ELX 241	3	Microprocessor

Fourth Semester

MTH 231	3	Numerical Methods
CMP 214	3	Visual Programming
CMP 215	3	Operating System
CMP 216	3	Database Management System
CMP 217	4	Computer Graphics & Multimedia
PRJ 251	2	Project II

Fifth Semester

CMP 311	3	Computer Architecture
CMP 312	4	Data Communication & Computer Network
CMP 313	3	Web Technology I
CMP 314	3	Mathematical Foundation of Computer Science
CMP 315	3	Software Engineering

Sixth Semester

CMP 316	3	organization Management
STT 331	3	Probability & Statistics
CMP 317	3	Linux
CMP 318	3	Java Programming
ECO 321	3	Applied Economics
PRJ 351	3	Project III

Seventh Semester

CMP411	3	E-Business
CMP 412	3	Simulation and Modeling
CMP 413	3	Web Technologies II
INT 461	3	Internship
		Elective I

Eighth Semester

MGT 421	3	Management Information System
CMP 414	3	Mobile Technologies
.....		Elective II
PRJ 451	5	Project IV

World lies in front of you - L&E opens scope for you to get it

