



HIMALAYA Newsletter

HEX 2019 at Himalaya College of Engineering



Himalaya College of Engineering organized Himalaya Exhibition (Hex) from 30th June to 2nd July 2019 in its premises with the theme “Engineering to Develop Nepal.” The exhibition began and ended with the formal program in the presence of various distinguished personalities. The main purpose of the exhibition was that students must be able to showcase their theoretical knowledge into practicality. The exhibition welcomed both the college community and community at large. The exhibition displayed and celebrated the achievements of the engineering and IT students. Around twenty thousand people visited the exhibition; they praised all the creative works and students got some constructive suggestions from the visitors. The exhibition was organized to help students demonstrate five essential elements: knowledge, concepts, skills, attitude and action. The event became possible due to the combined effort from all the students, lecturers, professors, and board of directors. HCOE is thankful to all the concerned for their assistance to make the event successful.



ORIENTATION PROGRAM 2019 for Newly Enrolled Students

Himalaya College of Engineering organized a two days’ orientation program for the newly enrolled students in its premises. The program started with a warm welcome by Er. Madan Sharma (Principal of the college) followed by motivating speeches from Prof. Dr. Subarna Shakya (IOE, Pulchowk), Himal Karmacharya (Founder and CEO at Leapfrog Technology Inc.), Ar. Sarosh Pradhan (Principal Architect), Rameshwor Aryal (Managing Director of the college), Dr. Manoj Kumar Thapa (Academic Director of the college) and Kishor Gautam (Director of the college).



Prof. Shakya focused on “Importance of Engineering for National Development” by depicting facts and figures. He put emphasis on the role of ICT in sustainable development and research collaboration. Besides this, Mr. Karmacharya talked about the rapid development in the field of science and technology as well as the way it has made our life easier and comfortable. He also highlighted on the importance of technical education in human life and role of engineering in the nation building process. Dr. Manoj Kumar Thapa, Academic Director of the college, informed to newly admitted students about the college and its rules and regulations.

These all outstanding speeches from various personalities really made all the newly admitted students and guardians to think about their right decision of getting enrollment at HCOE to peruse bachelors in engineering and IT.

SPORTS WEEK for the students

Considering the importance of games in a person’s life as sports makes us physically strong and increases our stamina, HCOE organized sports-week in the month of January 2019. The college organized sport week to keep students mentally and physically fit. Students took part in various games like football, cricket, table tennis, badminton, basketball, volleyball etc. according to their interest. Some games like volleyball, table tennis, basketball were held in the college premises whereas cricket and football were held outside the college. Students who secured first, second and third position in different games were awarded medals. All the students taking part in various games were given certificates of participation.

STUDENTS' VOICES



I had an amazing experience at HCOE. I take 4 years that I spent at HCOE as the best investment I have ever made in my life. I entered HCOE as a novice who only knew she loves computer and wants to become a computer engineer. But I graduated as a ninja with confidence and skills to fit in the real world. Humbly, I feel extremely grateful and blessed to have been educated by national level professors, lecturers, trainers and the entire team of HCOE. I understand it is difficult to select the college for bachelors since it shapes our future. If HCOE is your choice then you are going to be styled and polished to invite a bright and beautiful future.

Thanking and welcoming you with open arms and warm heart.

Er. Astha Sharma
BCT 2072 Batch Topper

I visited many colleges before enrolling at Himalaya College of Engineering (HCOE), but a lot of them never caught my attention. HCOE was an exception. While at HCOE, I have been pleasantly blessed with some great experience inside and outside of the class with outstanding teachers and really great students that would move on to become great friends. I was never in a rush to go home after class was over because I always enjoyed reading books in the library.

Many colleges offer an enormous amount of resources to the students and yet not many take advantages of them. The problem is poor management and lack of experts to mobilize those resources. In my opinion, HCOE has also done a really great job in resource management.

For me, HCOE is not just a college, it is the second home where I learned many things to shape my future.

Er. Madhav Oli
BEX 2072 Batch Topper



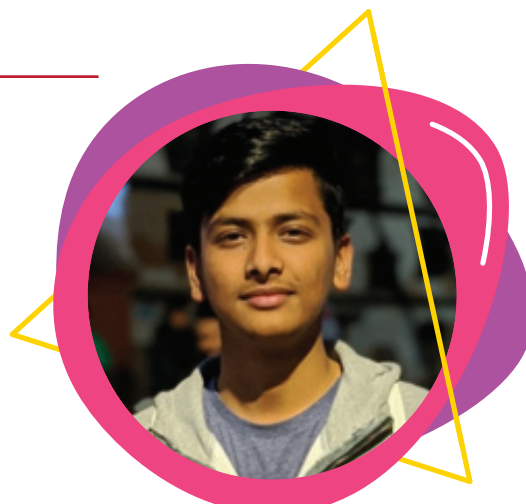
I am very blissful that I chose to study engineering at HCOE as an initial step in finding my career. HCOE has always been great to me. Professional teachers, well equipped labs and peaceful environment differentiate HCOE from the rest of the colleges in Kathmandu Valley. Willingness of the teachers and the staffs to help students anytime, anywhere is what I appreciate the most about the college. "Take time to develop passions. Take time to do something you love and keep up the good work" - these are some valuable life lessons. I got to learn at HCOE. Thank you HCOE family for everything.

Er. Rachita Shahi
BCE 2072 Batch

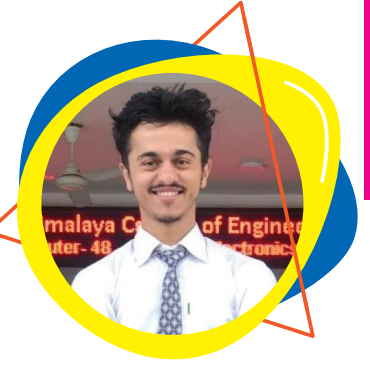


I can say that HCOE is the college that prepares you for your future. I have the opportunity to learn from excellent lecturers who support me with my studies as well as my projects. IT education at HCOE is indeed the best course among TU affiliates because it offers outstanding B.Sc. CSIT course with numerous training programs on the latest technology so that we are better prepared for our workplace and have all required skills and understanding of the latest trends in technology. The college sees our hard work and provides us resources to succeed in our endeavors. It has outstanding teaching faculties who have spent decades in teaching, research, and academic consultancy. A great value has been added and it truly makes me proud to get this incredible experience from HCOE.

Mr. Abin Timilsina
BSc CSIT 2076 Batch



STUDENTS' VOICES



“HCOE, one of the best platforms in the country, to discover the Engineer in You”

Believe me, when I say this, joining HCOE to pursue my engineering degree was the best decision I ever made in my life. The very first day, I walked into the college building and felt it in my bones that the next four years were going to be the most crucial for me where I would be learning so much not only about the curriculum but also to become a better person. Indeed, I feel so grateful to have been mentored by these amazing, friendly, and supportive teachers who help me shape my career and develop my skill set with the kind of well-organized administration and the academic environment that the college offers.

Er. Saurav Pokhrel
BCE 2072 Batch



It gives me immense pleasure to say with pride that I am a part of Himalaya College of Engineering. Apart from the regular classes scheduled by TU, HCOE offers various training programs and workshops, along with project works. These have helped me a lot to build up my skills. The teachers are really close to the students at HCOE. This friendly atmosphere is what I admire the most about HCOE. Being a fourth-year student, I feel that my future lies in the safe hands.

Ms. Sandhya Gyawali
BSc CSIT 2073 Batch

INTERVIEW

The principal of Himalaya College of Engineering and Director of KMC Education Network, Assoc. Professor Kishor Gautam always raises his voice for quality education in Nepal.

Prof. Gautam appears in many Public Forums, Intellectual Discussions, and Educational Media Platforms to deliver messages through thoughtful speeches and interviews about how private education institutions, being under the curriculum set by the government should give high-quality education to the students so that the brain drain can be condensed. He also opines that the Government Universities as well as their affiliated private education institutions must apply and maintain strict teaching-learning monitoring policies so that student-friendly education environment could be developed. This, he believes, would embolden students' discipline, hard work and dedication which helps to produce technically skilled human resources for the country who can compete in the real-world market.

प्रेमिल पीडा



सतिस सापकोटा
वि.सि.टी २०७६ ब्याच

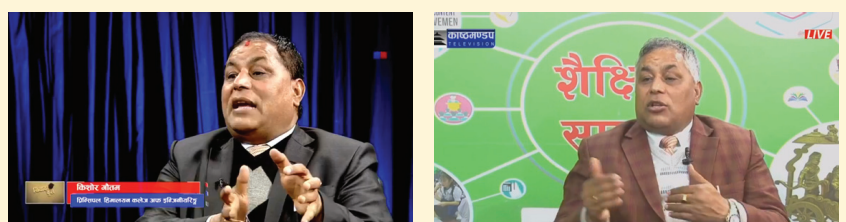
प्रेममा घोका पाए बिभाउने किरका कथा ।
सुनाउन मन लागेन आफ्नो पिरको कथा ॥
सम्भिन सके तिमीलाई न त मुलन सके ।
मुर्काउन्न सके म न त फूलन सके ॥
हारलाई पनि तिमीसँग जीत देखें आज फेरी ।
साथ दिने आँशुलाई मित देखें आज फेरी ॥

रेटन थाल्यो मायाले तरबार लाग्न थालेको छ ।
पिरती भन्ने शब्द पनि धार लाग्न थालेको छ ॥
तिमीले दिएको माया श्राप भन्दा फरक छैन ।
मेटाउन सक्छु माया मेरो मुटु दाप भन्दा फरक छैन ॥
हारलाई पनि तिमी
साथ दिने

मिठो माया हाँको टुटेको बेलामा प्रिय ।
बग्यो आँसु धारा हामी छुटेको बेलामा प्रिय ॥
धुवाँ उड्न थाले माया बिलाएर टाढा ।
भयो तिमी बिष पिलाएर टाढा ॥
हारलाई पनि
साथ दिने

म रुदैं जाँदा भयो नखेक्नु तिमीले प्रिया
मेरो लागि एउटा चिठी नलेख्नु तिमीले ॥
चलिरको तरीका र तबर नसोध तिमी ।
भो छाडी जाने निष्पटरीले जिन्दगी को खबर नसोध ॥

हारलाई पनि तिमीसँग जीत देखें आज फेरी ।
साथ दिने आँशुलाई मित देखें आज फेरी ॥



IoT AND ITS APPLICATIONS



Ms. Sinigdha Thakur
BCT 2076 Batch

IoT stands for "Internet of Things." IoT focuses on connecting things to the internet i.e. making them smart precisely digitalizing the machines. It reduces our work and makes more reliable and efficient. Similarly, internet has become very important part of our everyday life. Modern Generations believe that internet is one of the basic needs of human beings. Primary use of internet is for information sharing, communication and entertainment. IoT is bringing important changes in our lives as well as in our daily works. Main motive of IoT is to make our lives connected to the machines and save the time as well as human efforts, energy and increase our efficiency.

We can use IoT in different fields like automatization, agriculture, tourism, industry and transportation. Its application can also be seen in smart homes, smart city, smart vehicles, health care, smart irrigation system, parking system, weather reporting system and so on.

HOME AUTOMATIZATION: It gives an idea of connecting and monitoring devices at our homes through the internet. If we implement this idea, will make our home automated, smarter and safer. In HOME AUTOMATIZATION we can connect all the appliances like electrical appliances, door lock system, switch on-off system etc. to the internet. We can connect this system through the bluetooth and use from anywhere at any time. There is no need to keep someone in home to monitor things. This home security system does not use any smart phone applications or any type of user interface instead uses digits from the keypad on the phone, the system is platform independent and hence, can be accessed from a wide range of phones with different operating system. To operate home security system, the user need not have data connection enabled in their phone. The system runs fine with the launch pad connection to wifi at home/office.

TOURISM: There is many more potential of tourism in Nepal. It is a country full of natural beauty and religious places. Many foreign tourists came to Nepal for weekends and in holidays. And for a healthy escort they need properly managed hotels, parks, airlines etc. Their languages are different. With the help of IoT, we can easily develop the

tourism possibilities. IoT is streamlining the end operations of the hotels, airlines and other travel companies by connecting smart devices, system and processes. It can also develop language translator for the tourists. Then there is no need for the tourists to hire mediator and by taking the advantages of the IoT technology, travel industries can also increase operation efficiency and more personalized guest experience.

IN AGRICULTURE: Nepal is a landlocked country. There are much more possibilities of agriculture in our country but due to lack of necessary technologies we cannot even meet the demands of growing populations. To meet the demands of the people, the agriculture industry should adopt new technologies to gain a much-needed production. New agricultural appliances in smart farming through IoT will enable the industry to increase operational efficiency, lower costs, reduce waste and improve the quality of production. There is much more waste of crops due to lack of accurate method of farming. We can apply IoT in farming as well. In IoT-based farming a system is built for monitoring the crop fields with the help of sensor. We can easily monitor the light, humidity, temperature, soil moisture etc. which are some of the essential needs of the crops. The farmers can monitor the field conditions despite of their physical absence. IoT based farming provides more benefits in little investment. Likewise, drones are used in agriculture in order to enhance various agricultural practices like crop health, irrigation, crop spraying, crop monitoring, planting and soil analysis. We can also use IoT in livestock monitoring, smart greenhouse etc.

IoT can also be used in health care to collect data in proper way. Different types of instruments used in medical field can also be controlled by IoT which helps the doctors to take care of patients. Similarly, IoT successfully meets the demands of the people and gives solution in a proper way. It makes human life comfortable and reliable. However, IoT has some drawbacks like hacking and social insecurities. We can minimize those problems by making strong network and developing privacy system.

Internal Quality Assurance Committee (IQAC) at HCOE

Himalaya College of Engineering has formed an Internal Quality Assurance Committee to develop a system for conscious, consistent and catalytic improvement in the overall performance of the college. The committee was formed to assist HCOE to receive Quality Assurance Accrediation (QAA) from University Grants Commission (UGC) Nepal. The IQAC aims to promote measures for institutional functioning towards quality enhancement through internalization of culture and institutionalization of the best practice. It is a prime responsibility of IQAC to initiate, plan and supervise various activities that are necessary to improve the quality of education imparted by the college. The committee consists of thirteen members including directors, lecturers, local representatives, guardians and students.

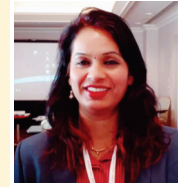
MEMBERS OF THE COMMITTEE

S.N	Name of the Member	Designation
1.	Kishor Gautam, Principal	Coordinator
2.	Dr. Manoj Kumar Thapa, Academic Director	Member
3.	Mr. Purna Bhadra Aryal, Director	Member
4.	Ms. Kubija Devi Bashyal, Account Chief	Member
5.	Ar. Umesh Dhimal, HOD (Architecture)	Member
6.	Er. Ashok GM, HOD (Electronics & Computer)	Member
7.	Er. Hari Lal Kharel, HOD (Civil)	Member
8.	Er. Himal Chand Thapa, HOD (BSc CSIT)	Member
9.	Dr. Er. Shanti Kala Subedi, Head (RIU)	Member
10.	Mr. Chiranjibi Devkota, Admin Officer	Member
11.	Mr. Hari Krishna Byanjankar, Local Representative	Member
12.	Ms. Aagya Sharma, Student Representative	Member
13.	Mr. Bhim Paudyal, Guardian	Member

Study of Characteristics of Bricks Produced in Kathmandu, Nepal

Dr. Shanti Kala Subedi

Himalaya College of Engineering, Chysal, Nepal



Abstract

The quality of brick is determined by its physical, mechanical and microstructure characteristics. The main objective of this study was to assess the characteristics of different types of bricks produced under various clay composition, different types of kiln used, and various firing temperature, and cooling process, which are considered as the major factors affecting the brick quality. A mixed-method approach was used to carry out this study. Both primary and secondary data were collected from field observations, discussions, lab experiments, and literature review. Literature review was done to identify the relationship between affecting factors and brick characteristics. The status of bricks produced was assessed through lab tests. The results from both methods were compared and discussed thoroughly. The purposive sampling method was adopted to collect brick samples from six different brick factories situated in Kathmandu and

lab tests were carried out in the Engineering Material Lab at Institute of Engineering (IOE) Pulchowk Campus, Lalitpur, Nepal. Deformation, bulk density, water absorption capacity, and compressive strengths of sampled bricks were observed and then compared with standard code values as well as with previous findings. The study showed that none of the brick samples was found within the standard benchmarks, and the bulk density was low, however, the water absorption capacity and compressive strength values of all the sampled bricks were found to be within the allowable limit, even though they were close to the lower bound. The study also discussed technical, social and environment policy related issues that are important for producing and making the best use of quality bricks. The study results may be applied to other places where similar situation exists.

Keywords

Brick Quality, Bulk Density, Water Absorption Capacity, Compressive Strength

This article is published in

American Journal of Civil Engineering Vol. 8, No. 3, 2020, pp. 64 - 76. doi: 10.11648/j.ajce.20200803.13

Link

<http://journalofcivileng.org/article/229/10.11648.j.ajce.20200803.13>

Emerging E-Threats and Data Security Model for Organizations in Nepal

¹Dr. Gajendra Sharma ²Er. Ashok GM

¹ Department of Computer Science and Engineering, Kathmandu University, Nepal

² Himalaya College of Engineering, Chysal, Nepal

Corresponding author: Dr. Gajendra Sharma, Kathmandu University, School of Engineering,

Department of Computer Science and Engineering,

Dhulikhel, Kavre, Nepal Submission: June 26, 2018; Published



Er. Ashok GM

Abstract

This research focuses on identifying the most emerging e-threats that have been evolved by the date and distinguishes the effects they produce within the infected organizations. The research is conducted to distinguish various factors that play roles in data security requirements and data security approaches. The research also focuses on the study of various security models adopted by various private commercial organizations and governmental organizations that operate on sensitive/critical information in Nepal. The study was conducted using survey questionnaire and direct interview as a method of data collection and mixed research method as a research

paradigm. This analysis is based on defined conceptual framework and policies which describes and classifies the techniques and processes that has to undergo within an organization in order to secure data and application from threats in organizations. This research highlights some of the areas which could be vulnerable to the organization's operations such as not having a proper information technology policy. The data security model suggested in this report recommends different phases and tasks that need to be performed in order to increase the performance of the data security model as well as to optimize the data security cost.

Keywords

Malicious software; Encryption; Authentication; Data protection technologies; Data classification; Malware; Data security models

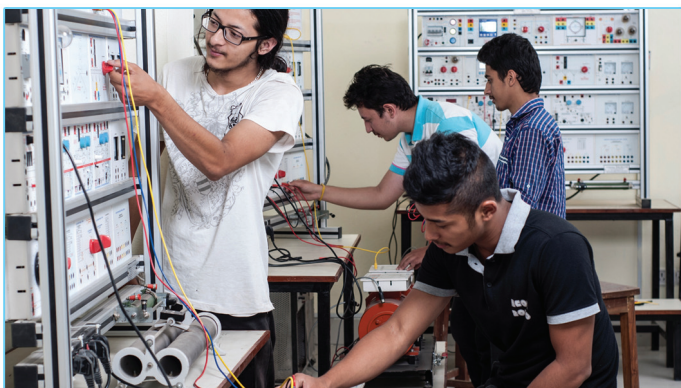
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SOME GLIMPSSES

from 2018/19



SOME GLIMPSSES

from 2018/19



Impact of Using Audio-Visual Aids in Online Teaching-Learning System



¹Dr. Shanti Kala Subedi



²Bipul Mainali

1. Head, Research and Innovation Unit, Himalaya College of Engineering, Tribhuvan University, Nepal
 2. Research fellow, Department of Civil Engineering, Himalaya College of Engineering, Tribhuvan University, Nepal
 Corresponding author: Dr. Shanti Kala Subedi, Himalaya College of Engineering, Chyasal, Nepal, shantisubedi@hcoe.edu.np

Abstract

Digital based Audio-Visual (A-V) aid is considered as an effective tool for online teaching learning system as it stimulates, motivates and draws learners' attention during the instructional process. The parameters to measure effectiveness of class are: use of quality technology, subjects, delivery capacity of teachers, and participation and level of understanding of the students. This research explored the opinions and experiences of both teachers and students on the effective use of A-V aids in online teaching learning classes, based on

their online teaching learning experiences at Himalaya College of Engineering, Tribhuvan University, Nepal during Jun-Dec, 2020. The data was collected through google survey forms. The study showed that the majority of the teachers and students have positive perceptions on the use of A-V aids. However, the standard deviation of acceptance percentage varied based on different courses and the perceptions of the respondents. The outcome of the study is useful to all academic institutions to adopt quality A-V aids.

Keywords

Online classes; audio-visual aids; level of agreement; quality education delivery

Note: This article is on publication process

Lung Cancer Detection Using Convolutional Neural Network on Histopathological Images



Er. Himal Chand Thapa

¹ Bijaya Kumar Hatuwal ² Er. Himal Chand Thapa

1 Research fellow, Himalaya College of Engineering, Tribhuvan University, Chyasal, Lalitpur, Nepal

2 Lecturer, Himalaya College of Engineering, Tribhuvan University, Chyasal, Lalitpur, Nepal

Abstract

Lung cancer is one of the leading life taking cancer worldwide. Early detection and treatment are crucial for patient recovery. Medical professionals use histopathological images of biopsied tissue from potentially infected areas of lungs for diagnosis. Most of the time, the diagnosis regarding the types of lung cancer are error-prone and time-consuming. Convolutional Neural networks can identify and classify lung cancer

types with greater accuracy in a shorter period, which is crucial for determining patients' right treatment procedure and their survival rate. Benign tissue, Adenocarcinoma, and squamous cell carcinoma are considered in this research work. The CNN model training and validation accuracy of 96.11 and 97.2 percentage are obtained.

Keywords

Convolutional Neural Network (CNN), Machine Learning, Lung Cancer, Histopathological Image

This article published in

International Journal of Computer Trends and Technology Volume 68 Issue 10, 21-24, October 2020 ISSN: 2231 – 2803 /doi:10.14445/22312803/IJCTT-V68I10P104 © 2020 Seventh Sense Research Group® This is an open access article under the CC BY-NC-ND license (<http://creativecommons.org/licenses/by-nc-nd/4.0/>)

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Field Visit 2077- Civil Department

Himalaya College of Engineering (HCOE) is affiliated to Tribhuvan University (TU). The college always focuses on the all-round development of its students. Besides the regular classes, the college takes students on a field visit to make their learning more practical and familiarize them with the real world. The main objective of civil engineering course is to produce high level technical manpower capable of undertaking works in the field of civil engineering. To fulfill this objective, HCOE takes students on Educational Field visit like Geology Field visit, Irrigation Field Visit, Hydropower Field visit, Construction Management Field Visit etc. In addition, the college gives students opportunity to participate in various Civil Engineering Software Trainings such as SAP, Auto CAD, GIS, and SW MAP etc. These activities make students technically sound. The main objective of taking students on educational field visit is to help them apply their theoretical knowledge in the real field.



Er. MD Abrar Aalam (MSc. Structural Engineering),
DHOD, Department of Civil Engineering

HCOE's Research & Innovation Unit

Research and Innovation Unit (RIU) at Himalaya College of Engineering is established to create research atmosphere at the college. The unit helps faculty members and students engage in various research works. The unit comprises nine members. Dr. Shanti Kala Subedi, PhD in Engineering Science and Technology from Massey University New Zealand, is the Chief of the Unit. Dr. Subedi has good experience in this field and has published her numerous research papers in national and international journals. The main responsibilities of the unit include the following:

- To create a conducive environment for promoting research and innovation activities at the college.
- To establish and design innovation centers, and develop lab facilities.
- To strengthen research and writing skill of the students and faculties through various trainings, conferences and academic discussion forums.
- To collaborate with national and international academic and research institutions on appropriate technology and

- To support students and faculties publish their research works in various journals.

The unit is going to organize International Conferences soon. The unit also has planned to publish HCOE Journal in the near future.

Research and Innovation Unit at HCOE comprises following members:

Sn.	Name	Designation
1	Dr. Shanti Kala Subedi	Chief of the Unit
2	Er. Hari Lal Kharel	General member
3	Arc. Umesh Dhimal	General member
4	Er. Devendra Kathayat	General member
5	Er. Himal Chand Thapa	General member
6	Mr. Prabeen Awasthi	General member
7	Er. Mohamad Abrar Alam	General member
8	Arc. Babina Pradhan	General member
9	Er. Ijhar Khan	General member

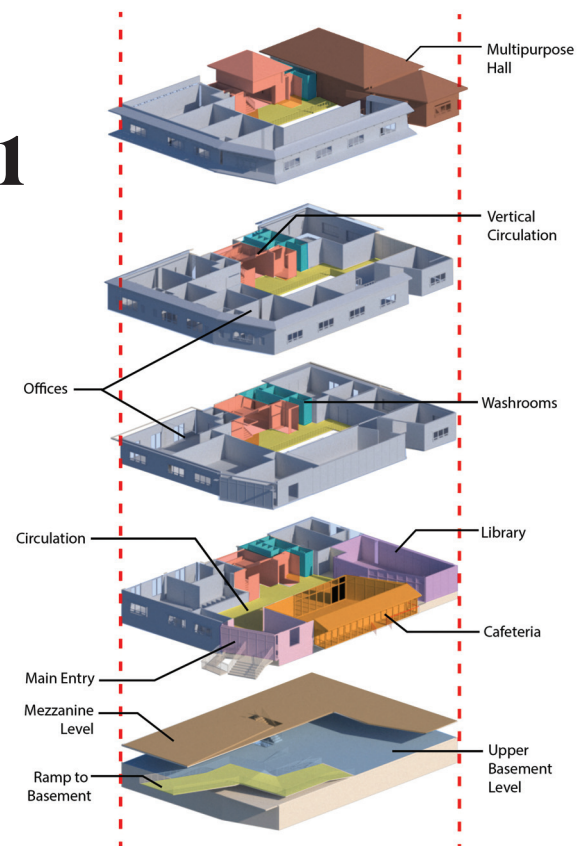
Architecture Students' Participation in Different Activities

Asian Paints Design Competition 2021

Design competition has always been an important part in the personal development of the students. This provides an opportunity to the students of architecture to showcase their skills which they have acquired during their study.

Asian Paints organized the design competition on 1 Chaitra 2077 with the aim to establish Community Library at Chaysal, Lalitpur. The students of architecture from different colleges took part in the competition.

Students from different colleges had submitted the designs to an external juror from the Architecture Fraternity whose judgment decided the winners. The top 5 students in the competition got opportunity to participate in the National Level Design Competition.



SketchUp and Photoshop Training

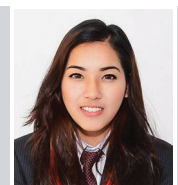
This is one of the widely used 3D making software which enables the student to create 3D from 2D drawings. We, in Himalaya College of Engineering, conduct our 3rd Year 2nd part design studio of Bachelors in Architecture in full digital media using Auto CAD and SketchUp. Like the previous years, we conducted a 6-day SketchUp workshop from 16 to 21 Ashoj 2077 with active participation of 3rd year students.

In addition to this, we have decided to organize Photoshop

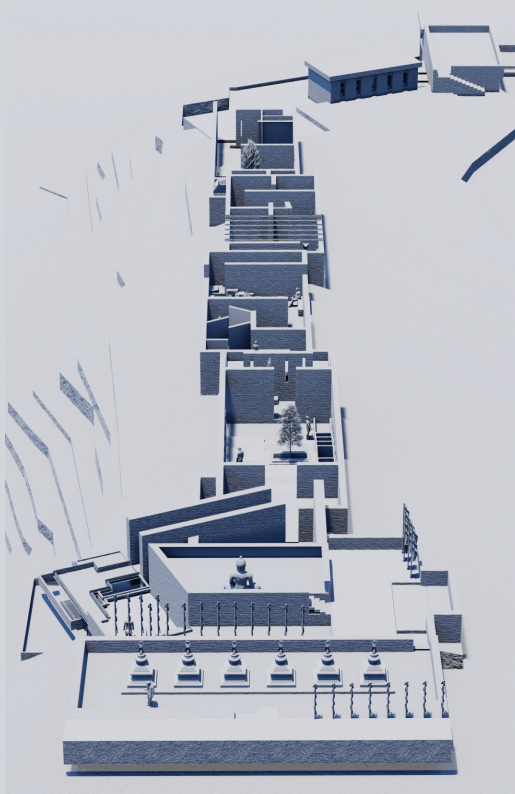
software training for the 3rd year students from 17 to 22 Magh every year. At present, such kind of graphic software also plays a major role in enhancing the academic and professional presentations of design and their drawings.

On the whole, both of these trainings will make the students better equipped with relevant skills for their practicum period in the 4th year 1st semester and beyond.

Re-imagining Burji: Pathway to Milarepa's Cave



-Angel Shrestha
BArc



Tsum Valley, known as "The Hidden Valleys," is a remote Inner Himalayan Valley where nature dominates the entire lifestyle and co-exists with the culture peacefully. Situated in Trans-Himalayan region of Gorkha, Nepal, the place flourished with numerous indigenous skills and knowledge untouched from the modern-day chaos. People express their life sewing-weaving on benomyl carved stone, traditional handicrafts, curing from the medicinal plants (Amhi), wood carving and clay modelling etc. make the valley an independent and also convey the message of sustainable development. Since this valley offers unique culture, the beautiful landscape and exquisite natural beauty, the place is highly viable for the tourism.

Burji is a small settlement in upper Tsum of around 8 households. The great Tibetan philosopher and Yogi Milarepa's cave is present in the exceptional landscape of this village. With the highest number of Yaks and strong communal traditions with unique way of life, this village has the potential to bring about a change in the entire Tsum valley.

This study aims to glorify the historically significant Milarepa's cave and Re-imagines Burji as a whole by documentation of the divergent socio cultural and architectural dialect of this place and proposal of architectural interventions to preserve and elevate the rich community as well as their romantic relationship with the nature.

Department of Electronics and Computer Engineering

Activities Summary 2076-2077

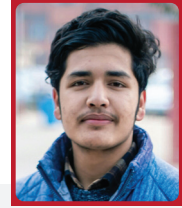
S.N.	Date	Faculty/Year/ Part	Activities	Objectivities
1	2076/07/03	BCTI/I and BEI I/I	Orientation class start	-
2	2076/07/27	BCT/BEI/BEX (odd part)	Academic Session Start for all odd part	-
3	2076/08/03	BCT IV/I + BEX IV/I	Orientation class for elective Subjects	Knowledge of data mining and radar technology
4	2076/08/10	BCT II/I + BEI II/I + BCT III/I + BEX III/I	Training session start. "Basic hardware troubleshoot and PCB design" for BEI II/I. PHP language for BCT II/I. C#.Net and Java programming for BCT III/I. CCNA for BEX III/I	To accelerate the theoretical knowledge via practical skill. Skill development
5	2076/08/19	BCT IV/I +BEX IV/I	Major project Part A proposal defense	As a part of their academic schedule, students are supposed to confine their professional career via major project.
6	2076/09/29	All	Sports week start	Beside academic, physical health play a vital role in the mental and creation in the field of Engineering.
7	2076/10/9	BCT IV/I +BEX IV/I	Major project Part A progress report presentation	Analyse the progress on the Major project operation
8	2076/10/17	BCT III/I + BEX III/I	Minor project session start	As a part of their academic schedule, students are supposed to begin their minor project as their first project in the field of their professional career.
9	2076/11/21	BCT IV/I +BEX IV/I	Major project Part A mid- term defense	Prepare the students for exam related to major project.
10	2076/11/11 to 2076/11/18	All	Final assessment	-
11	2077/2/2 to 2077/3/30	All	Online Class conduction For all Even semester	-
12	2077/5/1	All	Officially Online class start for even Part	-
13	2077/9/7	BCT III/I + BEX III/I	Educational Field visit: manakamana Cable car + Marshangdi Hydro power + Pokhara Radio Station	<ul style="list-style-type: none"> • Give an opportunity to consolidate and update their practical and theoretical knowledge on Instrumentation System involved in Manakamana Cable Car Station. • Visiting Radio Nepal, Regional transmission station, Malepatan, to know about antenna system and modulation skims used in AM and FM transmission.
14	2077/10/11	All	Final Assessment	-
15	2077/11/15	All	Marks of all practical subjects submitted to IOE.	-

"Failure is the opportunity to begin again more intelligently."

-Henry Ford (Founder of the Ford Motor Company)

WALKING THROUGH THE MEMORY LANE

Er. Riwaj Neupane
Civil Engineer



The first time you touched my hand, I swear dear, you created sizzles through my spine. The first time I saw you, you were a little creepy girl I loved to be around. I used to find critique in your over smartness, Shakespeare's romance in your voice. The silkiness of your hair, the suspense of your eyes and the innocence of your lips attracted me like two opposite poles of a magnet. The hyperbole of your diction and your speech, when reached my ear through whispers, did not create butterfly in my stomach but the butterfly in me used to get excited to embrace you. When life was running faulty, your proclaim furnished my existence. For the very first time, love happened.

The cerebral map of my brain searched for you. My eyes focused on you in the crowd like a DSLR camera, boring Newton's law got revived; the more you tried to avoid me, the more I got attracted to you. I could not even notice if you really caught sight of all these. Honestly speaking, you took away a part of my heart. Your presence flaunted like an onerous within, gliding my mind to betray its patience. The day of our music practice was rather boring. Not knowing what to do at this hour, I admired the school hallway. The cravings in the wall and the paintings hung in the stands. Walking from the pantry to the terrace, from terrace to the auditorium, from auditorium to the scary backstage and again back to the music hall. Sometimes bumping into the sofa and sometimes sliding on the slippery floor, my day spent well. Working with you was super fun and of course, I got to know you more unknowingly.

Time travelled and everything faded away. I used to peep you through the front door. I could

see you looking outside the door to find someone in the lonely corridor. I could see you chatting with your beloved friends and fighting with your special friend. Singing songs of your favorite singer and talking about Arsene Wenger. You were a perfect piece of art for me: A canvas with different shades of life, a geometry box with chocolates of flavors and dazzling crayons. The smell of air around you had something very unique and close to me.

And then, your high school was over. The last day of your high school and your last day in my life; I saw you on the apartment floor. You looked pale but I can feel a knot of happiness within you. Leaving you was not very easy for me. Yet, time and circumstances were never ever in my favour.

It has been so many years since you are gone. But my stupidity is still alive. I still caress the nickname you gave me and the way you used to look at me! I am a different person now. Maybe a better version of myself. Your memories always follow me and I could not allow myself to betray them. For now, all I have is only your memories and nothing else. Thank you for all your senseless memories. I will preserve them for eternity. I have enough that I can even lend you some.

Still, I can scan all your memories, display them on the projector screen of my eyes never letting them to fade away from my life. You identified the devil within me, and now on your command, it helps me build the Lego house. I am a strong man now. I have a bit of dedication to you. My laptop screen still seems black though it features your vivid sense of humor.

Programs offered at Himalaya College of Engineering

Himalaya College of Engineering runs the following academic programs:

- BE in Computer Engineering (48-seats)
- BE in Electronics, Communication and Information Engineering (48- seats)
- BE in Civil Engineering (96- seats)
- Bachelor in Architecture (48- seats)
- Bachelor in Computer Science and Information Technology (BSc CSIT) (48- seats)
- Bachelor in Computer Application (35- seats)

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