LBEF CONNECT

LBEF CAMPUS
CELEBRATING 20 YEARS
1998-2018
THE FIRST IT COLLEGE OF NEPAL

IN ACADEMIC COLLABORATION WITH
A·P·U
ASIA PACIFIC UNIVERSITY OF TECHNOLOGY & INNOVATION

PATAN COLLEGE for Professional Studies
LEARN TO LEAD

in partnership with
University of Bedfordshire

HIGHLIGHTS

Internship by
GLA ACADEMY

10th - 18th January 2019

Internship training program was conducted by professional trainers from corporate Industry for BSc. 5th semester LBEF students. LBEF campus organized a grooming session for the students. The students were guided every day for 3 hours on CV writing, cover letter writing, interview skills, personality development, communication and business etiquettes.

FROM THE DESK OF
EDITOR- IN- CHIEF

Opening Message, Welcome to the Volume 02, Issue: 1

Dear Readers,

Education Is Not the Learning of Facts, But the Training of the Mind To Think
-Einstein

It gives me great pleasure to welcome you this issue (Volume 02, Issue: 1) of the "LBEF Connect", I am delighted to bring you this quarterly newsletter.

LBEF Connect is not just a newsletter but a mirror that reflects the abilities, creativity, deterministic skills, preservance & hard work of the LBEfites all amalgamated beautifully together.

May this year bring you much love, joy and prosperity .Wishing you a great year filled with immense happiness and luck. Stay in Good health and achieve greater heights of Success.

Let's look forward to the Upcoming year with Confidence and hope.

At the last, I would like to thank all my editorial team members for helping me pull this through. I express my considerable appreciation to all the authors of the articles in this magazine. These contributions have required a generous amount of time and effort. It is this willingness to share knowledge, concerns and special insights with fellow beings that has made this magazine possible. In the last but not the least, I would like to thank the Management of the LBEF Group of Institutions, Mr. P Kejriwal, Chief Patron, Mr. Pankaj Jalan, Chairman LBEF Group of Institutions and Mr. Prakash Kumar, Executive Director LBEF Group of Institutions. This publication should not be possible without the unconditional support of them.

Finally I wish you a very Happy 2019!

Dr. Swati Sah
E-mail id: swati.sah@patancollege.org

EVENTS

Orientation Session

19th January 2019

LBEF campus organized an orientation session for the newly admitted students in MSc.(ITM), MBA- Weekend and BSc.(IT) at college premises. Orientation program was divided into two sessions. First session consisted of a formal session where Executive Director, Er. Prakash Kumar welcomed all the students to LBEF and introduced Lord Buddha Education Foundation and APU program and the rules and regulations that govern college Academics. Dean Academics, Dr. Sandeep Kautish, highlighted the various resources accessible to students during their course of study and also informed them regarding plagiarism policies. Mr. Uday Kant Jha, Chief co-ordinator, gave inspirational speech which would motivate our students to tackle the challenges they would face during their study and closing remarks was delivered by Chairman, Er. Pankaj Jalan, where he shared his experience. Faculties also introduced themselves and shared their field of expertise with students.

After the lunch break, second session started. The second session was fun session where students participated in various games like paper bridge, I conversion game etc. At the end, an important and informative session was held by Library Head, Mr. Navin Rayamajhi, who informed the students about the mandatory library hours required and the various online resources available. These sessions provided many vital information and the fun-filled activities engraved a bond of friendship among themselves.

Internship Fair

25th January, 2019

After successful completion of 10 days Internship training program, LBEF campus in association with GLA Academy arranged internship placement fair. A total of 5 companies visited campus and conducted interviews for selecting our students for internship. All the students participated in the fair with lots of enthusiasm. They were looking forward to meet the company representatives. The companies that participated in the fair were, mDev Tech Solutions, Introcept Nepal, Softech Foundation Pvt. Ltd, Sarda IT Service and Saedi Works Pvt. Ltd.

After the interviews, students were awarded certificates for successful completion of Internship Training Program by Director Academics Er. Prakash Kumar, (Executive Director) and Dr.Sandeep Kautish (Dean Academics).

Participated in
CAN INFOTECH-2019

25th January, 2019

At the week-long fair, students from various background and various places visited LBEF stall. Prospective and interested students visited and enquired about the course and its college in Malaysia. They collected course information, prospectus and promised to visit the campus in Maitidevi

Business Quiz COMPETITION

8th February, 2019

The aim of Business Quiz was to update the latest trends in the business and corporate world and broaden student's general knowledge of business and society. Audiences also learnt and benefited from the event. A total of 6 teams participated from BBM, MBA, BSc.(IT) and MSc.(ITM) program. The quiz had total 5 rounds comprising of 50 questions. The winning team scored 10 points and runner up team scored 8 points. Certificates of participation were distributed to students on 12th March, 2019 by the hand of Executive Director, Er. Prakash Kumar.

SARASWATI POOJA

10th February, 2019

Saraswati Pooja was celebrated with great fervor as devotional songs played throughout at Patan College ,Nepal. The ritual was graced with the presence of all the students, staffs and faculty to seek the blessings of Goddess of knowledge, art and culture. Likewise, decorations and artwork also symbolized the onset of spring and free enthusiasm.

The program was enlightened on the concept to ensure the aesthetic and cultural sense, ending the event by serving Prasad to everyone present. The event was organized by Social club.

At LBEF Campus the staff and students together celebrated Saraswati Pooja. The auspicious day was celebrated by worshipping Statue to Goddess Saraswati and pooja was done in D Block Maitidevi.

Valentine's day

14th February, 2019

On 14th February, students of Patan College for Professional Studies, Nepal celebrated Valentines's day to mark this day. The startling decoration, dance, music and other interesting game highlighted the day.

Among the most popular events were live band, confessions and blind man's swag. The program concluded with an atmosphere filled with positivity, love and something special to remember for the students.

The event was organized by Nisha Oli, Shristi Sharma and Bidwat Raj Pokhrel of Intercultural Club and Free Flow Club respectively.

Guest lecture on
AI and it's Application

15th February, 2019

Artificial Intelligence today is one of the most used buzz words in the fields of IT and Computer Science. Almost every industry is trying to incorporate AI within their fields in its various forms. Patan College hosted a guest lecture session within the college premises on the topic 'AI and its application' for the students of BSc. (CS&SE). The guest lecturer for the day Mr. Kshitz Rimal, (Head of Research at Artificial Intelligence for Development, Kathmandu)

In his lecture, Mr. Kshitiz Rimal talked about the AI and its uses in the human lives. He then introduced the concept on the End-to-End Deep Learning Process. He presented the idea on how we can make a machine learn things by creating algorithms and feeding it the relevant data. Mr. Rimal talked about the techniques on how we can create an artificial intelligence and what methods to follow.

He presented his own project "Cash Recognition for Visually Impaired", where he talked about how he created an AI that uses Image Processing and recognition to help visually impaired people to identify Nepali currency.

At the end of the lecture he shared his work and various learning materials. Ending his lecture, he encouraged all the students to learn more about AI and work to create more useful systems that can benefit the human kind.

Happy
Birthday!!

17th February & 20th March, 2019

As a token of appreciation LBEF group of Institutions initiated to celebrate staff birthday's every month.

A unique way to appreciate staff indulgence for smooth office functioning, LBEF has started to celebrate monthly birthdays of staff member.

Volunteer work for Hindu Swayamsevak Sangh Nepal

22nd February, 2019

Students of LBEF, Nepal volunteered to act as invigilators for Swami Vivekananda Sanskrit Gyan Pariksha 2075 at Tudikhel. The scholarship exam was conducted by Hindu Swayamsevak Sangh Nepal.

Guest Lecture on
DIGITAL MARKETING

1st March, 2019

A guest lecture on Digital Marketing was organized on March 1, 2019 for the students of Patan College, Nepal. The resource person for the session was Mr. Arjan KC, Executive Director of Business Development for Gurkha Technology, a company that offers solutions in Digital Media Marketing and web solution for businesses. He is also the co-founder of Mastermind Studios and humbly introduces himself as a vivid learner and a great innovation enthusiast.

Mr. KC introduced the students to the concept of Digital Marketing and its importance in today's digital age. He also highlighted the different digital media used for marketing, their important features and benefits. The talk was well received by the students. He talked about the current status and the future of Digital Marketing in Nepal as well. The lecture ended with Mr. Ajay Kumar Sharma, Dean – School of Computing, giving the token of love to Mr. KC.

Holi Celebration

19th March, 2019

All the students & staff members of LBEF Group of Institutions participated enthusiastically and enjoyed with true spirit. They smeared colleagues in multiple colors and danced on holi songs. Light snacks were served at the end of the program.

Guest lecture on **NLP & Machine Learning**

22th March, 2019

Guest Lecture on Natural Language Processing and Machine Learning was organized for BSc.(IT) students.

Dr. Bal Krishna Bal, Associate Professor and Head of Department for Computer Science and Engineering, Kathmandu University, delivered an informative session on Machine Learning to all BSc. (IT) students.

GUEST LECTURE ON ENTREPRENEURSHIP

28th March, 2019

Guest lecture on "Entrepreneurship" was organized for the students of BBA(Hons) and BSc. (Hons) CS & SE Students on Thursday March 28, 2019. The resource person for the same was Mr. Anand Tuladhar, (Managing Director, Bluebird Mall).

He is an accomplished coach, personal trainer and a lecturer, who loves the process of teaching and learning. He recounted his personal experience of his foray in the field of Entrepreneurship and Management. In his highly motivating talk , he highlighted the various aspects of Entrepreneurship and the skills required for a good Entrepreneur.

He made the students clear on myths and doubts on Entrepreneurship and gave his clarification on his definition too. Mr. Tuladhar embarked on the fact that entrepreneurship is more about setting the mindset. He also clarified the fact that all the entrepreneurs focus on solving a problem and follow their passion rather than running after money.

He also stated that the businesses that thrive are only those that solves the problems of people or community. On being asked what made a entrepreneur a successful person he replied with a simple yet deep answer,

The lecture ended up with a Token of Love provided to Mr. Anand Tuladhar by Er. Prakash Kumar (Executive Director of LBEF Group of Institutions) and all the students thanked Mr. Tuladhar for his precious advice and teachings.

SOCIAL- CLUB

FOOD FOR LIFE

Food for life is an internationally recognized NGO, situated in Budhanilkantha, Kathmandu, Nepal. It was founded in 2014. Food for Life Nepal believes in providing children with the right nutrition to support their education.

Students of Patan College, Nepal visited the place on 6th of January with a lot of enthusiasm of doing something good for the children. Unfortunately we couldn't meet the children as their winter vacations had just began. At, first students went to ISKCON Nepal to see the kitchen, and were amazed to see how they managed to cook food and cater over 1600+ meals every day in 11 government schools near them. Students also visited Food for Nepal's Office the people there were very happy to see students. They gave a very warm welcome and briefed students about its goals and how it is changing the life of those underprivileged children. the letter of appreciation was also given to the students. They showed us small video of those little children in the school

eating foods and the happiness on their face just filled the soul with satisfaction and students felt to proud that day were helping for something so big and wonderful.

Students also gave them some donations

that was collected during the fund-raising program in the college.

This program was led by Asna Shakya and Bhagawan Bhatta'. It was a great visiting there. One can totally agree with the fact that this trip was an eye opener for all Students.

FACULTY ARTICLE

A REVOLUTIONARY TECHNOLOGY

Green Cloud Computing

Mr. Jyotir Moy Chatterjee, Assistant Professor (IT) LBEF Campus

Green computing (GC) refers to the eco-obliging and earth trustworthy utilization of PCs and their benefits related to the IT business and organizations. In a manner of speaking, it incorporates the organizing, planning, and usage of computing contraptions with the goal that it can diminish any hostile impact on the biological impact in the IT business. Green strategies condition agreeable while the cloud is the specialist of the system gets to transport model. PC makers are placing assets into advancement that can help in arranging energy-efficient computing devices that moderate the usage of hazardous materials and moreover help in enlarging the utilization of force capability while cutting down carbon and gas transmissions. Green cloud practices moreover incorporate restricting the utilization of benefits, for instance, water used for the cooling of data centers. By grasping green cloud exercises, associations cannot simply contribute their bit to the security of nature yet can in like manner achieve cost save assets by growing the utilization of assets [1]. With the extending improvement of broad data storing and computational intrigue, Green Cloud Computing (GCC) is known to be a wide zone and hot field for research. To guarantee distinctive IT resources, Cloud computing (CC) has conveyed an outrageous and awing way to deal with virtualize servers and server ranches and to make energy efficient. The IT resources use huge proportions of force and energy, which subsequently makes need in energy and change in the overall climate. In like manner, there is a need for GCC which can convey game plans that can make the IT resources energy efficient just as farthest point the operational costs. To comprehend condition related issues in its field, Green IT is named to be a noteworthy development. It consolidates a colossal number of focus regions for instance to give the proper organization of force, virtualization of servers, plan of server ranches, reusing procedures, eco-stamping, condition supportability structure, and energy efficient resources, etc. [2].

The quick improvement in server farms, as a result of the exponential advancement of cloud computing has caused the electrifying addition in energy usage and its effect on nature to the extent the carbon impressions. To decrease power usage, it is required to develop some energy efficient courses of action. The GC is the demonstration of executing courses of action and the strategy to improve the capability of the computing resources in order to lessen the energy usage and environmental impact of their utilization. Green Cloud Architecture (GCA) is rising from these examples driving, not only to energy capability, yet also a carbon release careful thought. In order to reduce energy usage, a greener circumstance ought to be built. Among all endeavors, the Information & Communication Technology (ICT) industry is clearly accountable for a greater piece of the general improvement in energy use. The target of green cloud computing is to propel the recyclability or biodegradability of dead things and assembling plant waste by decreasing the use of unsafe materials and growing the energy viability in the midst of the thing's lifetime.

GCC for Energy Saving

The objective is to diminish control use of the server farms. It offers features like online checking, live virtual machine movement, and headway of Virtual Machine Placement. Through this GCA, energy up to 27% can be saved. The need to manage various applications in an information center makes the trial of around solicitation resource provisioning and assignment in light of time-fluctuating exceptional main jobs. Information center resources are statically needed to applications, in light of the zenith load characteristics, in order to give execution guarantees and to keep up the disengagement. Energy-efficient resource the officials has been first given respects to battery reinforced

phones, where energy usage must be lessened in order to improve the battery lifetime. Methodologies which are made for mobile phones in like manner can be associated or balanced for servers and server farms; this kind of systems requires unequivocal strategies. The fundamental system is to harden the Dynamic Voltage Frequency Scaling method in an efficient way to extend the benefits use and to restrain energy usage of the datacenters which will result in the reduced carbon impressions and thusly will help more in achieving the GC [3].

GC is the term used to give efficient use of advantages in computing. It is otherwise called Green IT. GC is "The spot associations receive a procedure of ensuring that the setup and tasks of Information Technology convey the insignificant carbon impression" Green Cloud is "the examination and routine with regards to organizing, fabricating,

using and disposing of PCs, servers and related subsystems. Key issues are energy capability in computing and progressing naturally welcoming PC advances. The objective of GC are as follows:

- The objectives of GC are like green science.
- Minimize energy utilization.
- Purchasing green energy.

Figure 1. GCA of GCC [4]

Green cloud is a complex group level test system for energy-mindful CC server farms with consideration on cloud interchanges. It offers an itemized fine-grained showing of the energy eaten up by the information center IT equipment, for instance, computing servers, compose switches, and correspondence joins. Green Cloud can be used to make novel courses of action in watching, resource portion, remaining burden arranging just as improvement of correspondence shows and framework foundations. It is discharged under the General Public

License Agreement and is a development of the prominent NS2 test system [4].

References

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SCHOLARSHIPS AT LBEF CAMPUS

SCHOLARSHIPS AND FUNDING

The College offers financial assistance for academically sound but financially challenged students to support you through your studies. Scholarships provided will be applied on tuition fee category. Scholarships will be provided to 10% of the annual intake of students as per the directives of the government. To apply and determine if you are eligible, you have to fill up an application form for scholarships and funding ond submit it to the Administrative office ot the College.

1. NATIONAL ICT SCHOLARSHIP

The scholarships will be awarded by **CAN Federation** to study B.Sc.(Hons.) in Information Technology at LBEF CAMPUS. Students who have completed 10+2 or equivalent from recognized board or Diploma in Computer Engineering from CTVET will be benefited with this scheme. Students who have appeared for 10+2 or equivalent examination can also apply. Girl students will be most benefited by this scheme and the reason to do so is to further the educational opportunities of young women of future generations.

2. NATIONAL B-SCHOLARSHIP

The scholarship will be awarded by **Nepal Chamber of Commerce** to study BA (Hons.) Business Management specializing in E-Business at LBEF CAMPUS under Asia Pacific University. Student who have completed 10+2 or equivalent from recognized board can apply for the scholarship. Female students will be most benefited by this scheme and the reason to do so is to further the educational opportunities of young women of future generations.

3. GYANDEEP SCHOLARSHIP

This Scholorship is awarded based on The percentage achieved in the High-School Board examinations or equivalent examination. The scholarship scheme is as follows:

4. MERIT SCHOLARSHIP

Merit Scholarship is aworded on the basis of academic performance in the Common Entrance Examination conducted by Patan College, internal examinations/evaluations and the End Semester examinations of the University. This scholarship in only awarded in the tuition fee category.

Congratulations!

SESSION AUTUMN 2017

BSc (CS& SE)
Saujan Bindukar
80.5%

BSc (CS& SE)
Dhruba Karki
75%

BSc (CS& SE)
Rojan Maharjan
77%

BBA- L4 2nd Sem
Binson Thapa

TO THE UOB TOPPERS

BSc (CS& SE) Level 4
Anupam Dhakal,L4S1
89%

BSc (CS& SE) Level 5
Khsitij Bajagain
87%

BSc (CS& SE) Level 5
Saujan Bindukar
80.5%

BSc (CS& SE) Level 5
Lalit Sunar
78.5%

TOPPERS OF BBA

BBA Level 5
Binson Thapa

BBA Level 4
Ms.Naina Dhandhariya

3D View of LBEF Proposed Building

Patan College Building

SALIENT FEATURES OF LBEF GROUP OF INSTITUTIONS

First IT College of Nepal

- Collaboration with leading Universities like University of Bedfodshire, (U.K) and Asia Pacific University, (Malaysia)
- Approved by Ministry of Education & Recognised by Tribhuvan University
- Wi-Fi- Enabled Campuses
- Rich library with Online resources Like Proquest ACM, IEEE, Science Direct, Emerald, AIM Global
- Excellent Infrastructural and Instructional facilities
- Faculty with academic excellence and rich industrial experience.
- Scholarships upto 100%
- Advanced Labs.
- Active Alumni Association.
- Excellent Career Opportunities 100% Assured Intership.
- Excellent industry-institute interface
- Releases e-News Letter
- Well Planned Academic Calendar

INVITATION OF ARTICLES IN LBEF CONNECT

- Faculty can contribute in the form of articles/ Book Review
- Students are encouraged to give their contribution in the form of articles, quiz, poems, or any other innovative ideas for the student corner.
- You may send in your article or queries at **lbefconnect@lbef.edu.np**

PICTURE COLLAGE

www.lbef.education