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STAFF RETREAT PROGRAM

5th April, 2019

The staff of LBEF Group of Institutions (LBEF Campus & Patan College for Professional Studies, Nepal) went on their annual Picnic to Mirabel Resorts, Karve, Nepal. During the Picnic, continuing the tradition of celebrating birthdays of staff members birthday of Ms. Jayanti Shrestha and Mr. Saurav Satyal were celebrated.

Many games like passing the parcel, Bingo, Tug of war, blind folded rope crossing, football were played. Everyone participated and enjoyed to its fullest.

Bingo was played with a little twist, whom so ever won, had to perform on pre-selected songs.



FROM THE DESK OF EDITOR- IN- CHIEF

Opening Message, Welcome to the Volume 02, Issue: 2



Dear Readers,

A deep sense of appreciation, gratitude & joy goes through my heart as I greet you all through this Opening Message of newsletter

We are pleased to put forward LBEF Connect – the College Quarterly Newsletter (Volume 2, Issue 2, April – June 2019) before you. The newsletter covers key developments in the institute spanning across the last three months both within academics as well as beyond the academic fronts which kept the campus life abuzz with enthusiasm.

The compiled news and articles are not just information about our institution, but shows how steadily and consistently we are growing towards the vision and mission of LBEF Group. We have worked to provide newsletter to our readers, incorporating news of the last six three months of academic as well as co-curricular activities in the campus. The new addition includes a vista of colorful pictures, interactive sessions and all updates of the college.

I heartily thank our Management for putting faith on me. I am also thankful to the esteemed members of the advisory board, editorial board, faculty, students and staff of LBEF Group for their co-operation & support in bringing out this issue of LBEF Connect.

Happy Reading...

Dr. Swati Sah

E-mail id: swati.sah@patancollege.org

EVENTS

SPORT'S WEEK

28th March, 2019

On 9th April (Tuesday) 2019, the Day-2 of Futsal Tournament was held. On that day the first game was between Level-5 "A" and Level-6 "II". This game was won by L-5 "A" with the final score of 6-1. For the victorious team Amrit Sharma scored a hattrick, Prajwol Thapa Scored 2 goals and Rajesh Rai(C) scored 1 goal. Ayush Maharjan(C) scored a consolation goal for his team.

Next game was played between Level-5 "B" and Level-4. This match had interesting result. The game was tied with Score of 2-2. Shoval Deep Tuladhar scored the tie making goal in last minute. In the game Milan Singh Scored 2 goals for Level-5 "B" and Shovan Deep Tuladhar scored 2 for level-4. The game was extended for more 5 minutes as decided by the referees, but it could not decide the winner and it ended up with penalty shoot-out, where 5 players of each



team shot penalty. Level-5 "B" were victorious after the penalty shootout with the penalty shoot-out result of 2-1.

On this day the final games of Futsal Tournament was held. First the

Women's Final was played between the women's TEAM-A and TEAM-B. The game was won by TEAM-B, with the final score of 4-0. From the winning team Ms Ashna Shakya scored 2 goals and Preeti Nepali scored 2 goals. The teams were formed merging the students and women staffs of the college. It was really interesting, and the enthusiasm of the player's was really a point of attraction.



Next game was the Boy's Final. The finalist teams were Level-5 "A" and Level-5 "B". The final was won by Level-5 "A" boys' Team. The final score was 21-3. For the winning team Anup Gautam scored two hattricks, Rajesh Rai(C) scored 5 goals, Amrit Sharma scored 4 goals, Jenish Tamrakar scored a hattrick, Prajwol Thapa scored 2 goals and a goal was suicide goal by opponent team. For Level-5 "B", Rohan Pathak scored a goal, Milan Singh scored a goal and Lokindra Dangi scored a goal.

It was a wonderful day to start the sport week of LBEF Campus for the year 2019. The venue was planned in Budhanilkantha school. Staff & Students reached Budhanilkantha school in morning.

The 1st football match was played between BSc.(IT) 3rd Sem & BSc.(IT) 4th Sem. The winner was BSc.(IT) 4th Sem.

After a break, the 2nd match of the day was played between BSc.(IT) 2nd Sem and BSc.(IT) 3rd Sem students, The winner was BSc.(IT) 2nd Sem.

The final match was played between BSc.(IT) 4th Sem & BSc.(IT) 2nd Sem. The winner was BSc.(IT) 2nd Sem.

The match was really very good with good sportsmen spirit prevailed during the match.



Happy Birthday!!

23rd May, 2019

Continuing with the tradition of celebrating birthdays of Staff members of Patan College for Professional Studies, birthday of Mr. Surendra Raj Acharya was celebrated on 23rd May 2019.



2076 Nepali New Year Celebration

12th April, 2019



Intercultural club of Patan College, Nepal organized a daylong celebration to welcome New Year 2076 on April 12th, 2019. The event was organized with the purpose to wish everyone happiness and prosperity all around in the upcoming year. In the event students, faculty, community members, and other well-wishers gathered under the same roof making a bigger way to celebrate the occasion.

The college glowed and sparkled with the beautiful lights which threw their beams far and wide. The chairman of LBEF Group of Institutions Honourable Er. Pankaj Jalan inaugurated the event by

cutting the cake and wished Happy New Year .

Various events were held to make the event worth while to the audience like standup comedy session by Prabin (Level 5 BSc), beatbox by Bhupendra (Level 5 BSc), musical performance by Level 6 (BSc & BBA) treasure hunt and mafia.

The winners for the event were announced and prize were announced to all the winners.

The event was organized by intercultural clubbeaded by Nishaoli and Shristi Sharma (Level 4 BSc).

WORKSHOP ON STRESS MANAGEMENT

20th April, 2019

Recently, there has been a huge interest and awareness on wellness and health promotion programs. As organizational stress might directly impact on employees' productivity, stress management program supposedly create positive impacts on overall performances of the employees. With these motive LBEF group of Institutions organized Stress Management Workshop to the faculties of schools and colleges of Kathmandu valley.

The program was organized on 20th April 2019 and was facilitated by Dr. Pawan Sharma (MD, AIIMS) and Mr. Anup Raj Bhandari (Clinical Psychologist). 21 participants from 4 different colleges/schools participated in the program. The program officially began with a formal round of introduction followed by brief introduction about mental health and bio-psycho-social model of mental illness.

The major content of programs were: introduction to stress, stress management, Mind body relation, stress management techniques and



relaxation exercises. Clinical part of the program was facilitated by Dr. Sharma whereas the skills and techniques to stress management was handled by Mr. Bhandari. The program started at 11:30 am and ended at 3:00 pm where one hour

lunch break was provided to participants from 1:00pm -2:00 pm. The program was formally ended by vote of Thanks and certificate distribution by Chairman of Lord Buddha Group of Institutions, Er. Pankaj Jalan.



Guest Lecture on Data Analytics

28th April, 2019

Patan College, Nepal organized a guest lecture on Data Analytics for the students of Level 5- BSc (Hons CS & SE) on 28th April 2019. The lecturer for the session was Ms. Renu Singh Thakur. Sr. Engineer, Cotivity Data Analytics and Management in the insurance and healthcare domain.

The contents of lecture was introducing the concepts about Data Analytics, its uses, and its implementation in the real work environment. Ms. Thakur also gave an insight into how things are carried out in an organization. The students gained a lot of information on important

topics of Data Analytics such as; Types of Data Analytics, Data structures, and their processing, Databases, Analysis and other industry application of Data Warehousing and File processing in an organizational level.

The guest lecture was quite fruitful and informative for all the students as it helped them further expand their knowledge on the subject matter. The lecture ended with Ms. Thakur addressing the queries from the students. Ms. Thakur was thanked for her valuable time and effort by Mr. Ajay Kumar Sharma (Dean Academics) by presenting a Token of love.



National ICT Day

2nd May, 2019

On the occasion of National ICT day (Information and Communication Technology) (2nd May), CAN (Computer Association of Nepal), conducted Prabhatferi program aiming to promote digitalization within the country. In the context of the increasing use of information technologies in Nepal, Nepal government has been celebrating this day by various programs in the Ministry of Communications and Information Technology and the conference of CAN Federation.

With the main motto of, reinforcing the agenda of DIGITALIZATION, and created appropriate content to gain strategic implementation about quality communication application.

The college in partnership with CAN also signed an agreement to continue providing National ICT scholarships to various students (such as female students and students with poor financial background) with the aim of setting a hallmark for teaching and competing in the modern world and proving to be assets where they work.

Workshop on Introduction to Data Exploration using Python

29th - 30th April, 2019

Two day Workshop on "Introduction to Data Exploration using Python" was conducted by Mr. Devashish Kumar from 29th-30th April, 2019 at LBEF Campus.

The objective of the workshop was to cover the core understanding of Python language and the standard libraries like NumPy, Pandas and matplotlib in detail. The goal was to get participants up and running with Python in as short a time as possible. At the end of session, students were aware of how to plot graphs in python and play with datasets.

INDUSTRIAL VISIT TO BOTTLERS NEPAL, BALAJU

7th May, 2019

IT is not just about dealing with computers and limited to closed premises but is also all about the practical implications of the theoretical concepts. In lieu of this, students are required to have Industrial Visits besides their classes in order to have a thorough understanding of the Industrial Modus – operandi. With this objective in mind, a One – day Industrial Visit was Organized by Patan College, Nepal on 7th May to Bottlers Nepal, Balaju to visit the Coca Cola Nepal production zone. Bottlers Nepal Limited (BNL) is the only bottler of Coca-Cola products in Nepal and has two bottling plants; namely Kathmandu (Bottlers Nepal Limited – BNL) and Bharatpur (Bottlers Nepal (Terai) Limited,) which is 160 km from Kathmandu. The import of Coca-Cola from India to Nepal first began in 1973 and six years later in 1979, the local production of the drink in the country itself was started. Promoted by

the Khetan Group, one of the leading business organizations in Nepal, Bottlers Nepal also handles the bottling and marketing of other products such as Sprite and Fanta.

The visit was planned for the students of Level 5 BBA and BSc, accompanied by the Faculty-coordinators Ms. Sadikshya Rimal, (Program Co-ordinator) and Mr. Ajay Kumar Sharma (Dean Academics). The bus left the Campus by 9:15 am with a total of 25 students. The group reached the plant by 11:00 am. After giving a briefing of the rules and guidelines to be followed, the students were taken to the actual production and packaging plant. There, students were shown the overall process of recycling the used bottles and how they were cleaned and reused to sell the drink. After the visit, the students and the BNL staffs had a brief discussion session where the staffs and the department head addressed the various questions and

queries of the students. Students were explained how the company operates and plans its operations according to the dynamics of the market. They also got to clarify their curiosity on the matters regarding the issues of recycling and pollution. The staffs clearly explained how they are recycling the cleaning water and the waste management complying as per the environmental standards of the law.

The visit was finally concluded around 12:30 pm and the group was offered with refreshing cold drinks by the company. The students left the plant around 01:00 pm. The industrial visit to Coca-Cola was an enriching experience for students in getting live exposure to manufacturing and production and how the businesses operate at such a large scale in the real world, which can help them in their internships and further career enhancement.



INTERNATIONAL MOTHER'S DAY

10th May, 2019

The Intercultural club and Social club of Patan College, Nepal organized a movie fund raising program on 10th May 2019 to support elderly people with food in the occasion of International Mother's Day to remember their contribution to our lives and to give a special emphasis to the motherly figures.

On 12th May 2019 students visited Divine Service home led by Nisha Oli (President of Intercultural Club), a non-profitable organization which is fully dedicated to the service of humanity. The program started by performing different enjoyable activities to bring smile on the face of elderly people. The students also distributed foods and gifts on behalf of the college to the members of old-age home.

They were overwhelmed by this honour but also had tears in their eyes at the same time as their children had not



visited them at any time during the year. However, this beautiful morning uplifted the mood of the seniors and they were

looking forward to more such events. There could not be a more rejoicing day than this for us.

LORD OF CODE COMPETITION

14th May, 2019



IT Department, of LBEF Campus witnessed "Lord of Code" competition on 13th-14th May, 2019. Students from different levels participated with great enthusiasm. Competition was designed to test the coding skills and awareness of students related to IT. The competition marked its beginning with the Quiz competition consisting of 3 rounds - Skill Test, Buzzer Round and Personality Identification. The shortlisted candidates appeared for the final coding round on 14th May, 2019. Students were asked to develop a game with given functionalities. The final round was judged by Mr. Rabi Rauniyar and Mr. Devashish Kumar.



SPORTS WEEK PRIZE DISTRIBUTION CEREMONY

All the students of LBEF Campus who had participated in Sports Meet organized by campus were awarded with certificates and medals on 20th May 2019 in Seminar Hall.

All students were appreciated and awarded with certificate of participation. Certificates and medals were presented by Er. Pankaj Jalan, (Chairman) LBEF Group of Institutions, Er. Prakash Kumar (Executive Director) LBEF Group of Institutions, Dr. Sandeep Kautish, (Dean Academics) LBEF.

The Sports week Prize Distribution ceremony was held on 23rd May 2019 at Patan College, Nepal. Medals, Certificates and Trophy were provided to winners and similarly Certificates were provided to all participants with Second Position.

The winners were also provided Trophy which at served as a evidence of merit. The Trophies were presented by Er. Pankaj Jalan (Chairman) LBEF Group of Institutions, Er. Prakash Kumar (Executive Director) LBEF Group of Institutions, Er. Ajaya Kumar Sharma (Dean Academics) Patan College for Professional Studies, Dr. Swati Sah (Head of Department-Computing) Patan College for Professional Studies. The ceremony ended with a Group photo taken with all the participant and a huge vote of thanks to all the Winners and Participants.



Blood Donation Camp

24th May, 2019



LBEF campus along with Lions Club of Kathmandu, (Udaan) and Lions Club Kathmandu, (Samarpan) organized blood donation camp on 24th May 2019.

During the blood donation camp in which Total 45 donors were there from LBEF Campus out of which 25 were students and around 20 were staff members. Few donors were also passerby. Medical team and medical kit support was provided by Grande Hospital.

The program was attended by Er. Pankaj Jalan, (Chairman, LBEF Group of Institutions), Er. Prakash Kumar, (Executive Director, LBEF Group of Institutions), Dr. Sandeep Kautish, (Dean Academics, LBEF), members from Nepal Red Cross Society, Lions Club of Kathmandu, LBEF student and staff and medical team from Grande Hospital.

The donors were provided with light refreshment after blood donation. Certificate of appreciation were presented by distinguished dignitaries to the donors.



Formation of the Advisory Board

27th May, 2019

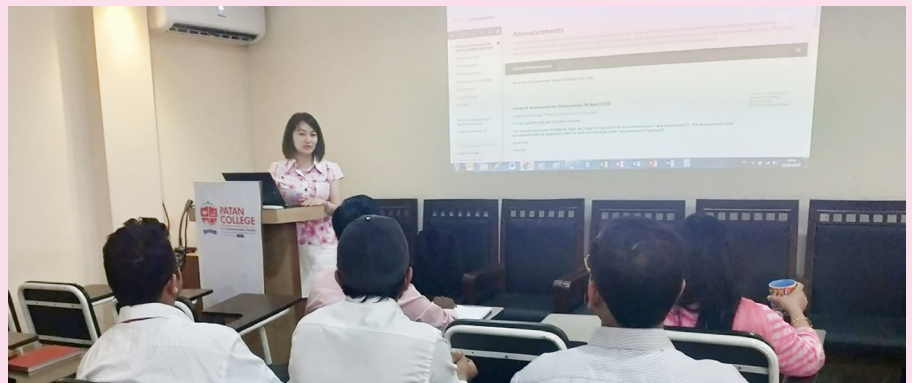
An advisory board has been formed to provide strategic advice to LBEF group of Institutions. First meeting of advisory board was held at Patan College. All dignitaries were welcomed by Er. Pankaj Jalan, (Chairman, LBEF Group of Institutions), Er. Prakash Kumar, (Executive Director, LBEF Group of Institutions), Dr. Sandeep

Kautish, (Dean Academics, LBEF), Er. Ajaya Sharma, (Dean Academics, Patan College). The advisory board consist of:

1. Prof. Dr. Geeta Bhakta Joshi (Convenor)
2. Prof. Dr. Subarna Bajracharya
3. Prof. Dr. Bhola Thapa
4. Prof. Dr. Sunity Shrestha Hada
5. Dr. Rajesh Kaji Shrestha
6. Sri Rajendra Khetan

Visit of Dr. Haiming Liu from University of Bedfordshire (UK)

27th May, 2019



Patan College for Professional Studies welcomed Dr. Haiming Liu, Link Coordinator and Senior Lecturer of CS & SE, University of Bedfordshire on May 27th, 2019. She was welcomed by Er. Pankaj Jalan (Chairman, LBEF Group of Institutions) with Khada and Bouquet,

followed by Introduction to Team Members. She was escorted for the campus tour followed by a Nepali Lunch at the Cafeteria of the college. In after session Technical workshop on BRED was conducted for all the Full time Faculty of Patan College for Professional Studies.

FAREWELL TO 1ST BATCH OF APU

31st May, 2019

LBEF campus organized a farewell program for 1st APU graduates on 31st May 2019

It was a proud moment for LBEF, where the first batch of APU graduates were felicitated for their achievement. After 3 years of hard work, the first batch was ready to hit ready industry with their talent. All the BBM and BSc.(IT) graduates were invited to Indreni Banquet, New Baneshwar. The program started with Ms. Dolma Kumari Sherpa calling the dignitaries on the dias Er. Pankaj Jalan, (Chairman, LBEF Group of Institutions), Er. Prakash Kumar, (Executive Director, LBEF Group of Institutions), Prof. Dr. Sunity Shrestha, Academic Advisor LBEF, Dr. Sandeep Kautish, (Dean Academics, LBEF), Mr. Uday Kant Jha, Chief Coordinator, LBEF on the dias.

Er. Prakash Kumar, (Executive Director, LBEF Group of Institutions), welcomed all the students and shared his thoughts. Ms. Dolma being their program leader and their mentor for 3 years also shared her views and experiences. All the distinguished guests shared their views and memories. Amid the nostalgic memories, token of



love were distributed to all the graduates. Ms. Anu Shrestha and Mr. Jitendra Sharma were awarded with Excellent Academic Achievement Award for achieving good grades.

2 students also relieved and shared their 3 years journey, Ms. Rabina Bhattarai and Mr. Bijay Shrestha, the bonds they built with their friends and faculties, the challenges

they faced for submitting assignments, the emotional moments, fun moments etc which will live forever in their mind and heart. On behalf of all the students, they thanked LBEF for introducing them to the course and giving them **degree that works** and making them industry ready.

Mr. Ayushman Shrestha and Mr. Sukant Kumar Sahu also shared their views and gave their blessing and best wished.

Er. Pankaj Jalan, (Chairman, LBEF Group of Institutions), closing the event, gave his best wishes and motivated students to work for the betterment of the country, society and themselves.

After completion of formal events, students captured the moment in cameras with group photos, and enjoyed the music and danced to the tunes of DJ and relieved the moments over dinner.

LBEF family wishes all the students a very happy and prosperous life and wishes they attain great heights in life as LBEF ambassador.



GUEST LECTURE ON SOFTWARE PROGRAMMING

31st May, 2019

Guest lecture on **Code for Fun** by Mr. Biplab Pokhrel (Software Engineer at Numbers USA, Falls Church, Virginia) was organized for BSc. (IT) students.

To break the myth that coding is a boring process, Mr. Pokhrel shared his experiences focusing majorly on how to make coding fun and how to work collaboratively with team. It was a new learning experience for students about the common programming pitfalls that might arise during coding. This event acted as a great support for students opting programming as a career. The session highlighted future prospects of the IT world in the current competitive scenario.

This event proved to be supportive, encouraging and developing career pathways for beginner. Students loved the session to meet their unspoken needs. Now they should be more confident in avoiding errors in future projects.



ART COMPETITION AND MOBILE PHOTOGRAPHY COMPETITION & PRIZE DISTRIBUTION

31st May, 2019



FreeFlow Club, a Patan College based media club, organized Art Competition along with Mobile Photography Competition. Participants had a window of 14 days (10th May, 2019 – 24th May, 2019) to submit their art work and photographs. The art works and photographs were judged by Mr. Pawan Bhattarai from department of Marketing), Ms. Manjila Pokharel, department of admissions and Mr. Pratyush Parajuli (FreeFlow Club).

The prize distribution Ceremony was held on 31st May, 2019. All winners were awarded with certificates for their achievements. In addition, the first prize winners were honored with gold medals and Rs. 1000 each as cash prize.

Dr. Haiming Liu, Link Coordinator and Senior Lecturer of CS & SE, University of Bedfordshire, honoured the winners by presenting them their awards. Dr. Swati Sah (Head of Department,

School of Computing), Mr. Ajaya Kumar Sharma (Dean Academics, Patan College) Ms. Sadikshya Rimal (Program Coordinator), Mr. Saurav Satyal (Head of Department, School of Business), Ms. Manjila Pokharel, and Ms. Richu Chitrakar were all present in the program.

Winners (Art Competition)

Ms. Prizma Tamrakar (First)
Mr. Saujan Bindukar (Second)
Ms. Rashim Joshi (Third)

Winner of Mobile Photography Competition

Mr. Roshan Shrestha (First)
Mr. Subarna Shrestha (Second)
Mr. Nawanish Dahal (Third)

Organizers:

Mr. Bidwat Raj Pokhrel (President, FreeFlow Club)
Mr. Pratyush Parajuli (Vice-President, FreeFlow Club)

World Environment Day Tree Plantation

5th June, 2019



World Environment Day is organized around a theme that draws attention to a particularly pressing environmental concern. The theme for 2019 is **Air pollution**. LBEF Campus celebrated Environment Day on 5th June, 2019

On this occasion, LBEF Campus organized a tree plantation event in campus premises which was inaugurated by Er. Pankaj Jalan, (Chairman, LBEF Group of Institutions), Er. Prakash Kumar, (Executive Director, LBEF Group of Institutions), accompanied by Dr.

Sandeep Kautish, (Dean Academics, LBEF) Program Leaders and LBEF staff members. This initiative was taken to demonstrate our colleagues and students that even small step taken by a single individual can create a big impact on the environment.

MSc.(ITM)

**MSc.(HONS) IN INFORMATION
TECHNOLOGY MANAGEMENT**

September 2019 Session

MORNING/ WEEKEND

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

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



CAREER PREPARATION WORKSHOP

11th - 13th June 2019

Placements, both for jobs and summer internships is an integral part of any educational institute's annual calendar of activities. Keeping above visions in mind IT Department, LBEF organized 3 days Career Preparation Workshop from 11 June, 2019 – 13th June, 2019. The motive of the workshop was to prepare students of BSc-IT IV semester to excel at interviews and recruitment processes for upcoming Summer Internships.

Day-1(June 11) witnessed CV Skills Workshop conducted by Ms. Binita Gurung and Mr. Rabi Rauniyar, Faculty-IT. The hands-on workshop aimed to equip participants with the skills to design a professional resume that is aligned with their skills and experience as well as key selection criteria based on the five essential questions every resume must address.

Participants:

- 1) Discovered how to write an impactful CV and present themselves effectively on paper
- 2) Learned the five questions every resume must answer – and how to answer them
- 3) Identified the key building blocks of an effective resume.
- 4) Learned how to highlight their abilities in relation to key selection criteria
- 5) Recognized the major dos and don'ts of resume crafting and formatting.

Day –2 (June 12)

Taking a step ahead in nurturing students for Career Preparation, an interactive and fruitful session on Interview Skills was conducted by Dr. Sandeep Kautish, (Dean Academics, LBEF). He also shared the right



qualities that an interviewer looks for in good candidates, from his wide experience of interviewing candidates for various roles.

According to him, Interviewing is a skill in and of itself, one in which your ability to interact with the interviewer and to articulate your thoughts are factors that are just as important in getting the job as are the qualifications listed on your resume. Acing an interview is a science as much as it is an art, and it requires diligent preparation along with the ability to be at ease in the interview room. It's also about how comfortable and confident a candidate is while discussing why they are the best fit for a role.

Guidelines for interview shared with the audience

- 1) Be on Time
- 2) Think Before You Speak
- 3) Speak Clearly, Cohesively, and Calmly
- 4) Be Confident, Not Arrogant
- 5) Listen Patiently
- 6) Express Optimism, Both With Your Words and Your Body Language

- 7) Show Interest, Without Desperation
- 8) Know More Than Your Elevator Pitch
- 9) Express Gratitude

Day-3 (June 13)

Final Day of Career Preparation Workshop was marked with Mock Interview Session. The purpose of Mock Interview was to provide students with an opportunity to practice their interviewing skills in an environment similar too an actual interview. Mock interview is a great opportunity to become familiar with interview questions and interview etiquette. Two of the best defenses to counter the stresses associated with interviews are preparation and practice. Mock interview session provided the interviewee both an opportunity to practice and prepare for an interview.

Panel consisting of Er. Prakash Kumar, (Executive Director, LBEF Group of Institutions), Dr. Sandeep Kautish (Dean of Academics, LBEF), Ms. Dolma Sherpa (Program Leader, BIT) and Ms. Binita Gurung (Module Leader for Soft Skills) interviewed the students.

Mock Interview Session helped the students:

- 1) To boost their confidence.
- 2) To have control over their stress level.
- 3) Enriched them with constructive feedback.
- 4) To Prepare for behavioral-based interview questions.



RAFTING TRIP

20th June, 2019

An overnight rafting trip was organized for the students of LBEF. On 20th June 2019, a group of 36 students along with 4 faculty members of LBEF became part of an exciting and adventurous trip to Trishuli. Imbibing Team work, sportsman spirit qualities, inculcating love and care towards nature among students was the motivating factor for organizing this trip. Students were placed in the lap of nature as they accommodated in Bamboo Cottage and tents away from their lavish life style. Evening walk in the woods and spending quality time across the river was highly appreciated by the students. Next day students spent an exciting and adventurous day on the stream, as they ventured on a 27-kilometers-long rafting tour from Trishuli Resort.

Take away of the trip was imparting education and knowledge to students from the real life experiences.



INTERNATIONAL YOGA DAY

21st June, 2019



To celebrate the International Yoga Day, LBEF Group of Institutions organized a Yoga Training Session for Staffs and Students. Professional Yoga trainer Sanyasi Shakti Bindu (Ms. Sita Kharel) highlighted the benefits and importance of regular Yoga in our life.

It was a 2 hour long session where the participants themselves practiced different Yoga asanas.

We wish all a happy and healthy life

HAPPY & HEALTHY INTERNATIONAL
YOGA DAY 2019

NEPAL YOUTH SCIENCE SUMMIT 2019

22nd - 23rd June 2019

Nepal Youth Science Summit 2019 was organized on 22nd and 23rd June 2019 at the premises of Patan College for Professional Studies.

With motto 'Bring Best Brain', the program aimed to identify and recognize the Nepalese genius minds and promoting their aspirations for the prosperity of the country.

The programme initiated with the warm welcome by distinguished guests and participants. A short introduction about NYSS 2019 was given and also Lightening of Lamp was accomplished by Chief Guest Mr. Birendra Kumar Mishra, Joint Secretary, Ministry of Communication and IT.

The Speakers from various countries were present in that event. The Participants also presented the oral presentation and poster presentation on altered topics.

Two students from Patan College for Professional Studies also participated in that event, Mr. Nabin Paudyal (Final Year Student of BSc Hons CS & SE) and Mr. Sushant Sapkota (Final Year Student- BSc Hons CS & SE).

Mr. Sushant Sapkota was declared winner for the best Poster Presentation on "Develop an augmented reality based educational model for primary level science students" He was awarded with Medal and Certificate.

The Scientific Jury Members for Poster Presentation were Prof. Toni Barstic, Director of Engineering Program, St. Mary's college, USA; Prof. Don Paetkau, Head of Department of Biology, St. Mary's College, USA; Prof. Sandeep Kumar, Energy Department, IIT Bombay; Prof. Ramlee Bin Mustapha, Dean Sultan Idris University, Malaysia; Mr. Prateek Gupta, Department of Physics and Astronomy, Pune University.



Happy Birthday!!

30th May, 2019



Continuing with tradition of Celebrating Birthday's of the staff members of LBEF Campus.

Birthday of Mr. Jasbir Singh Makkar, Mr. Pashupati Acharya, Mr. Hari Thapa & Mr. Saroj Tyata was celebrated on 30th June.

We all at LBEF Campus wish them a long healthy and prosperous life ahead. May all there wishes be granted.



STUDENT'S SPORTS ACHIEVEMENTS

LBEF CAMPUS

S. No	Activity Name	Students Name	Position	Prize
1.	Chess	Avinash Tamang	Winner	Medal, Certificates
2.	Badminton (Girls)	Sandhya Rai	Winner	Medal/ Certificate
3.	Badminton (Boys)	Gunjan Adhikari	Winner	Medal/ Certificate
4.	Table Tennis	Anish Joshi	Winner	Medal/ Certificate
5.	Football	Jenar Shrestha, Ajit Gurung, Omar Junaid Usman, Yuvraj Thapa Chhetri, Roshan Ghimire, Akash Thapa Maski, Kaushar Rana Magar, Priyank Chaudhart, Demon Rai, Bhawishya Timilsina, Sahil Maharjan, Ajit Thapa Chhetri	Winner	Certificates, Trophy, Medal
6.	Sports Week 2018 Basketball	Sandeep Shrestha, Diwas Chand, Roman Maharjan, Raish Shrestha, Manish Khatri, Yaman Niroula, Jasar Kris Khadka, Avinash Karmacharya	Winner	Certificates, Trophy, Medal
7.	Sports Week 2018 Cricket	Avinash Karmacharya, Anish Joshi, Yaman Niroula, Manish Khatri, Evan Thapa Magar, Sandeep Shrestha, Roman Maharjan, Diwas Chand, Saujanya Regmi, Raish Shrestha, Sudeep Kunwar, Krish Khadka, Prashanna Acharya, Sushant Rauniyar, Sajal Pandey	Winner	Trophies, Medal, Certificates

STUDENT'S SPORTS ACHIEVEMENTS

PATAN COLLEGE- PCPS

S.No	Activity Name	Student Name	Position	Level
1	Futsal Tournament (Boy's)	Rajesh Rai (C), Prajwol Thapa, Amrit Sharma, Sanil Shrestha(GK), Dhurva Karki, Anup Gautam, Jenish Tamrakar, Rashim Joshi	Winner	Level-5 Team Team A (BSc. Computer Science/ Software Engineering)
2	Futsal Tournament (Boy's)	Buddha Lama (GK/ C), Lokendra Dangi, Kumod Khadka, Milan Singh, Saroj Chapagain, Simanta Tiwari, Aayush Acharya, Rohan Pathak	Runner-up	Level 5 Team Team B (BSc. Computer Science/ Software Engineering)
3	Futsal Tournament (Top Scorer of the tournament)	Rajesh Rai	Top Scorer of the tournament	Level 5 Team A [13 goals]
4	Futsal Tournament (Girls)	Kamala Poudel (GK/C), Aashna Shakya, Prisma Tamrakar, Preeti Nepali	Winner	
5	Futsal Tournament (Top Scorer of the tournament)	Aashna Shakya (Team A) & Preeti Nepali (Team A)	Top Scorer of the tournament	[2 goals each]
6	Table Tennis Tournament (Boy's Single)	Subash Tamang	Winner	BSc. Level 4 Computer Science/ Software Engineering
		Saroj Chapagain	2 nd Winner	BSc. Level 5 Computer Science/ Software Engineering
		Kiran Pradhan	3 rd Winner	BSc. Level 5 Computer Science/ Software Engineering
7	Table Tennis Tournament (Girl's Single)	Simran Agrawal	Winner	BBA, level 4
		Kamala Poudel	2 nd Winner	BSc. Level 5 Computer Science/ Software Engineering
8.	BasketBall Tournament (Boys)	Rajesh Rai , Anup Gautam, Sanil Shrestha, Prajwol Thapa, Susan Tamrakar, Jenish Tamrakar, Suman Gautam, Saujan Bindukar	Winner	Level-5 Team A BSc. Computer Science/ Software Engineering
		Kumod Khadka, Dhurva Karki, Saroj Chapagain, Bhagawan Bhatta, Lokindra Dangi, Buddha Lama, Aayush Acharya, Rohan Pathak	Runner-up	Level 5 Team A (BSc. Computer Science/ Software Engineering)
9.	BasketBall Tournament (Girls)	Prisma Tamrakar Aashna Shakya, Kamala Poudel, Nisha Oli(BSc. Computer Science/ Software Engineering, level-4), Simran Agrawal	Winner	BSc. Level 5 & 4 Computer Science/ Software Engineering, (BBA, Level 4)

GUEST LECTURES(CORPORATE-ACADEMIA CONNECT) AT LBEF

S.No	Speaker Name	Brief profile of speaker	Topic	Date	Class
1	Dr. Bal Krishna Bal	Head of Department for Computer Science and Engineering, Kathmandu University,	Machine Learning & NLP	22 nd March, 2019	BSc.(IT)
2	Mr. Devashish Kumar	Assistant Professor (LBEF)	Introduction to Data Exploration using Python	29 th - 30 th April, 2019	BBA and BSc. (IT)
3	Mr. Biplab Pokhrel	Software Engineer at Numbers USA, Falls Church, Virginia	Code for Fun	31 st May 2019	BSc. (IT)

GUEST LECTURES(CORPORATE-ACADEMIA CONNECT) AT PATAN COLLEGE

S.No	Speaker Name	Brief profile of speaker	Topic	Date	Class
1	Mr. Kshitiz Rimal	Google Developers Expert	AI and it's Application	15 th February, 2019	BSc.(CS&SE)
2	Mr. Arjan KC	Executive Director (Gurkha Technology)	Digital Marketing	1 st March , 2019	BSc.(CS & SE) & BBA Level 5
3	Mr. Anand Tuladhar	Managing Director (The Blue Bird Mall)	Entrepreneurship	28 th March, 2019	BBA and BSc. (CS & SE)
6	Ms. Renu Singh Thakur	Senior Engineering Manager (Cotivity)	Data Analytics	28 th April 2019	Level 5- BSc. (CS & SE)
7	Mr. Devashish Kumar	Assistant Professor (LBEF)	Introduction to Data Exploration using Python	12 th April	Level 5 & Level 6 B - BSc.(CS & SE)



BABY UNIVERSE

Mr. Avishek Choudhari, Lecturer, LBEF Campus

How old is the universe? What is it made of? What is the fate of the universe? We have been asking these questions from the beginning of time but answers started to take shape when in

2001 Wilkinson microwave anisotropy probe (WMAP) [1] was launched which was named after the cosmologist David Wilkinson. It gave scientists detailed and precise pictures of the early universe when it was a mere 380,000 years old. The colossal energy left over from the original fireball that gave birth to stars and galaxies has been circulating around our universe for billions of years. Today, it has finally been captured on film in exquisite detail by the WMAP satellite, yielding a map never seen before, a photo of the sky showing with breathtaking detail the microwave radiation created by the big bang itself, what has been called the “echo of creation” by Time magazine. Never again will astronomers look at the sky in the same way again.

The satellite can give us unprecedented pictures of the infant universe is that the night sky is like a time machine. Because light travels at a finite speed, the stars we see at night are seen as they once were, not as they are today. It takes a little over a second for light from the Moon to reach Earth, so when we gaze at the Moon, we actually see it as it was a second earlier. It takes about eight minutes for light to travel from the Sun to Earth. Likewise, many of the familiar stars we see in the heavens are so distant that it takes from 10 to 100 years for their light to reach our eyes. (In other words, they lie 10 to 100 light-years from Earth. A light-year is roughly 6 trillion miles, or the distance light travels in a year.) Light from the distant galaxies may be hundreds of millions to billions of light-years away.

As a result, they represent “fossil” light, some emitted even before the rise of the dinosaurs. Some of the farthest objects we can see with our telescopes are called quasars, huge galactic engines generating unbelievable amounts of power near the edge of the visible universe, which can lie up to 12 to 13 billion light-years from Earth [5,6].

And now, the WMAP satellite has detected radiation emitted even before that, from the original fireball that created the universe. To describe the universe, cosmologists sometimes use the example of looking down from the top of the Empire State Building, which soars more than a hundred floors above Manhattan. As you look down from the top, you can barely see the street level. If the base of the Empire State Building represents the big bang, then, looking down from the top, the distant galaxies would be located on the tenth floor. The distant quasars seen by Earth telescopes would be on the seventh floor.

The WMAP has added a new, bizarre twist to the debate over what the universe is made of, a question that the Greeks asked over two thousand years ago. For the past century, scientists believed that they knew the answer to this question. After thousands of painstaking experiments, scientists had concluded that the universe was basically made of about a hundred different types of atoms, arranged in an orderly periodic chart, beginning with elemental hydrogen. This forms the basis of modern chemistry and is, in fact, taught in every high school science class. The WMAP has now demolished that belief. Confirming previous experiments, the WMAP satellite showed that the visible matter we see around us (including the mountains,

planets, stars, and galaxies) makes up a paltry 4 percent of the total matter and energy content of the universe. (Of that 4 percent, most of it is in the form of hydrogen and helium, and probably only 0.03 percent takes the form of the heavy elements.) Most of the universe is actually made of mysterious, invisible material of totally unknown origin. The familiar elements that make up our world constitute only 0.03 percent of the universe. In some sense, science is being thrown back centuries into the past, before the rise of the atomic hypothesis, as physicists grapple with the fact that the universe is dominated by entirely new, unknown forms of matter and energy [2,3].

According to the WMAP, 23 percent of the universe is made of a strange, undetermined substance called dark matter, which has weight, surrounds the galaxies in a gigantic halo, but is totally invisible. Dark matter is so pervasive and abundant that, in our own Milky Way galaxy, it outweighs all the stars by a factor of 10. Although invisible, this strange dark matter can be observed indirectly by scientists because it bends starlight, just like glass, and hence can be located by the amount of optical distortion it creates. Referring to the strange results obtained from the WMAP satellite, Princeton astronomer John Bahcall said, “We live in an implausible, crazy universe, but one whose defining characteristics we now know.” But perhaps the greatest surprise from the WMAP data, data that sent the scientific community reeling, was that 73 percent of the universe, by far the largest amount, is made of a totally unknown form of energy called dark energy, or the invisible energy hidden in the vacuum of space. Introduced by Einstein himself in 1917 and then later discarded (he called

it his “greatest blunder”), dark energy, or the energy of nothing or empty space, is now re-emerging as the driving force in the entire universe. This dark energy is now believed to create a new antigravity field which is driving the galaxies apart. The ultimate fate of the universe itself will be determined by dark energy. No one at the present time has any understanding of where this “energy of nothing” comes from. “Frankly, we just don’t understand it. We know what its effects are [but] we’re completely clueless . . . everybody’s clueless about it,” admits Craig Hogan, an astronomer at the University of Washington at Seattle. If we take the latest theory of subatomic particles and

try to compute the value of this dark energy, we find a number that is off by 10120 (that’s the number 1 followed by 120 zeros). This discrepancy between theory and experiment is far and away from the largest gap ever found in the history of science. It is one of our greatest embarrassments—our best theory cannot calculate the value of the largest source of energy in the entire universe. Surely, there is a shelf full of Nobel Prizes waiting for the enterprising individuals who can unravel the mystery of dark matter and dark energy [4-6].

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