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THE BUZZ

• EVENTS • NEWS • ARTICLES

Workshop on “Employee and Employment Trends”

15th August, 2020



To ignite the practical knowledge of organizing seminars, conferences and workshop, an online workshop (as a part of the assignment of ‘Employee and Employment Trends’ module) was organized by B.Sc. (IT) 3rd semester students (Babulal Khatri, Anish Joshi, Arbind Shrestha, Nilima Maka, Basant Humagain, Deena Tamang, Subin Shrestha, Ashish Basnet, Sanil Puri, Karina Shilpakar and Mohan Khadka) on Saturday, Aug 15, 2020. Mr. Amrit Kafle, a young entrepreneur and senior developer

in IT and Communication was invited to have discussion and to share his experiences on understanding the competency needs to become a successful technologist/ programmer/software engineer. Moreover, he also guided the students regarding building a good resume/CV and cover letter. The workshop gave facilitators hands on experience of solving real problems, team work and various stages and steps of conducting an event. Students enjoyed the session a lot.

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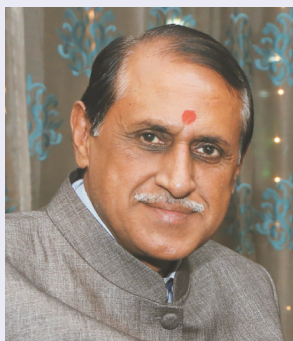
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MESSAGE FROM THE FOUNDER

Dear Readers,
Greetings from LBEF Campus!

Hope you are healthy and safe.

Welcome to the fall issue of the LBEF Connect. As we are moving closer to almost seven months of lockdown due to COVID 19, we as educators, students, parents and professionals, are experiencing huge change and uncertainty at the moment. However, the importance of education remains consistent. Considering this importance LBEF always tries to play the best role in providing an environment that fosters curiosity, encourages learning and the pursuit of excellence. In the continuation by following the pedagogy of learning by doing, beside online classes LBEF have a strong focus on promotion of scholarship, knowledge creation and short duration course development programs (like Coursera, which offer “massive open online courses”) for providing quality education and producing globally acceptable workforce. We don't know what the future holds or how long colleges will stay closed but, we can try to shape each day to be positive, creative, exciting and rewarding so that the education may go beyond the conventional curriculum.

I am thankful for all the students, parents, the staff members and all those associated with this institution for their continuous support and efforts in all our endeavors. I would like to conclude by saying that staying motivated can only help in refocusing our attention away from these stressful changes and towards a more hopeful future.

Stay Safe and Healthy!

God Bless You All!

P. Kejriwal,

Founder

LBEF Group of Institutions



FROM THE DESK OF EDITOR

Dear Readers,

Welcome to the 3rd issue of LBEF Connect 2020. Hope find you safe and in good health as we continue to deal with the harsh realities of the COVID-19 pandemic. For the past few months we are living through an unprecedented global situation. It is the reality of settling back into the new normal that seems a tad unnerving and this is possible only when we are determined to come out on top of this through the force of sheer will, cooperation, and togetherness because Life must go on, even in difficult times. During this pandemic, it is critically important that we keep pursuing excellence because humankind has always fought adversity through innovation and evolution and that's why 'Learning never stops' has become an anthem at LBEF Campus.

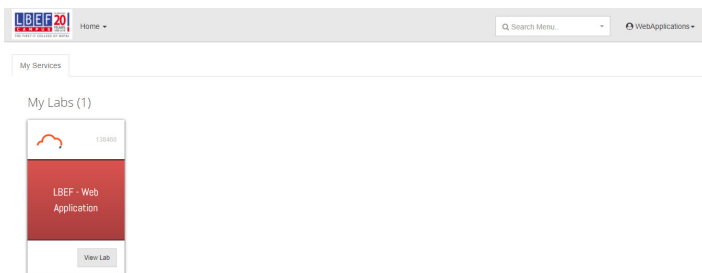
In the midst of the COVID-19 the LBEF Campus has ensured that learning continues as usual. Regular, online classes, learning and assessments, are happening so that accessible knowledge can be disseminated to the students without any glitch. Lastly, I wish that you and your loved ones stay safe as we collectively go through this challenging time and may all of you be at your creative best while spending days away from college.

Stay Safe and Healthy!

Dr. Deepmala Singh
Editor- LBEF Connect



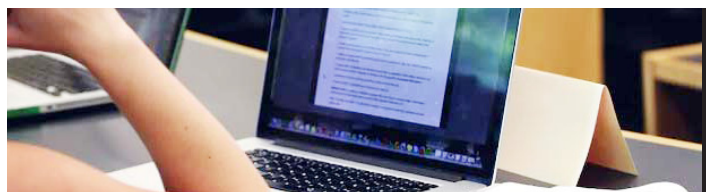
Introducing Virtual Labs at LBEF



Labs and practical sessions are an integral part of Technical Courses. Amid lockdown when physical labs cannot be accessed by students, LBEF has become the first institution in Nepal in providing access of Virtual labs to their students. LBEF has signed an agreement with a leading virtual lab service provider from Bengaluru India for providing virtual access to different labs i.e. JAVA, Python, C#, ASP to their students. This is in addition to Cloud-Based access to the NetSim tool (a leading tool for computer networking) which is already available to B.Sc. and M.Sc. ITM students of LBEF Campus.

Alternative Assessment Examination successfully conducted by LBEF

While classroom-based physical examination conduct is not possible due to the Govt. of Nepal Guidelines, LBEF has successfully conducted alternative assessment examinations in September 2020 for its masters and bachelor's courses. Such alternative assessments include open book examinations, case-based examinations, online tests kind of assessment techniques which are being used by the best universities in the world. These assessments were time-bound online submissions which are most appropriate in assessments of attainment of Program Learning Outcomes and Module Learning Outcomes.



"National ICT Scholarship Awards 2077"

LBEF has a history of awarding scholarships to promising young students in order to bring knowledge, skills and leadership abilities to their home communities. Again, LBEF is supporting to meritorious students belonging to economically weaker sections of the community by awarding "3rd National ICT Scholarship Awards 2077" of worth Rs. 2 crores, so as to provide them better opportunities for higher education, increase their rate of attainment in higher

education and enhance their employability. The scholarships will be awarded 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 CTNET will be benefited with this scheme. Students who have appeared for 10+2 or equivalent examination can also apply. The scholarship will be provided for the entire course.

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Organizer

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with

100% Scholarship

3rd National ICT

SCHOLARSHIP

49 Scholarships WORTH RS. 2 CRORE

Implementing Partner

THE FIRST IT COLLEGE OF NEPAL

FAR BEYOND DRIVEN



Mr. Prawal Pandey
(BSc. IT IV Sem)
LBEF Campus

Through the nights, we aim for divine driveways across the country roads.
Into the forest, we rapidly fierce with the hope to see the light as we dreamed of.

Hurdle of thrones, though we makeover by our eternal affairs.
Ways till the destiny has arrived, we claimed the night as it passed by.

Bridges of the unexplored yet to be sketched,
Where the mountains painted within the canvas of the great Himalayas echoes.

In the place of eternity, I recall all the good things we said and undone.
The mystic land where we behold insanely blindfolds with serenity.

Invaded by memories that we create and live beyond life.
Thoughts and wonders of life waves as wide as clear blue skies.
And reveals us to find the true meaning of life!

CHANGES

Let's imagine, if life just took a pause
Right at the moment you wished it to!

Would you watch it in awe with applause;
Or wish would you rather to play through?

If only those changes that life puts you in,
Would no longer bring up those fears or tears!

And steady was life, as you wised had been
You no longer had to let go of your dears!

The world, whence you felt no more insecure
Of being alone or leaving behind those hands;

Forever and ever, are feelings those pure
And you all live in glory as time just stands!

Or would you rather feel stagnant, over time
Of dealing the same, singing the same old rhyme

To progress with time, would you have chose
For there's no growth, if no metamorphose!

Like clouds roll over, as day turns by
With forms and patterns, they paint the sky

Would you too rather just choose to fly
And soar up above, somewhere so high!
Somewhere so high!



Mr. Prashant Paudel
MSc.ITM (II, Sem)
LBEF Campus



DIGITAL FORENSICS: A BRIGHT CAREER OPTION

Mr. Prem Kumar Bhaskar, Assistant Professor - IT

Digital Forensics, a widely discussed topic these days in the field of criminal investigations had become a bright career option for Computer Science and Information Technology students. As day by day we're moving towards more digitally connected world and electronic gadgets has become our essential part of daily life, we are more dependent on these electronic gadgets. Since, we are doing our daily work, including valuable communication, transfer of media and files using these gadgets, we always leave footprints while doing these communications or completing our assignments. Even after deleting these media files, it can be recovered easily by digital forensics experts with the help of specialized software and tools. Here, the opportunity comes as a Digital Forensics Professional where you can make a bright career after getting Diploma/Degree in Computer Science/Information Technology with Specialized Certifications in Digital Forensics provided by renowned Universities/Companies/Societies/Authorities through Online/Offline mode.

Recently, we all came across with the news about Death of Mr. Sushant Singh Rajput, a well-established actor of Bollywood, whether it was a Suicide or Murder still is unclear but investigation agencies recovered the WhatsApp Chats, Data from Laptops and Desktop Computer Hard Disks of deceased and Suspects and the total case moved towards flourishing Drug industry in Bollywood related to smuggling and usage of banned/ prohibited products. These all recovered data given clear footprints in investigations due to well-utilized Digital Forensics Technology. Many Government Agencies, IT companies and Professional Investigation Agencies utilizes the service of Digital Forensics Professionals as a Full-time/Part-time or Freelancing Experts.

What is Digital Forensics?

In the area of Advanced Legal Sciences 'Digital Forensics' is characterized as the process of Protecting recognizable proof, extraction and documentation of PC proof which can be utilized in the official courtroom. It is a study of discovering proof from advanced digital media like a Personal Computer, Laptop, Cell phone, Network Server and other related electronic gadgets. It furnishes the best methods and instruments to explain complicated digital evidence related cases to the Criminology Investigation Team.

Computerized Forensics help the forensic team to Analyze, Inspect, Identify, and Preserve the Digital Evidence living in different sorts of electronic gadgets utilizing experimentally acknowledged and approved process and a definitive

introduction of that proof in a courtroom to address some legitimate inquiry.

Types of Digital Forensics

Various types of digital forensics are:

Disk Forensics:

It manages extricating information from storage media via looking through dynamic, changed, modified or erased records.

Network Forensics:

It is a sub-part of advanced crime scene investigation. It is identified with observing and examination of PC network traffic to gather significant data and lawful proof.

Wireless Forensics:

It is a sub-branch of network forensics which aims to collect and analyze the data from wireless network traffic.

Database Forensics:

A part of digital forensics relating to investigation of computerized databases and their related metadata.

Malware Forensics:

It deals with the identification of malicious, unauthorized code installed in the system to know their payload, viruses, worms etc.

Email Forensics

This branch manages recuperation and examination of emails, including spams, erased emails, schedules, and contacts.

Memory Forensics:

This part of investigation deals with collecting data from system memory (RAM, Cache, Registers, etc.) in a simple form and then extracting the data from raw dump.



Mobile Phone Forensics:

It mostly manages the assessment and investigation of cell phones. It assists with recovering phone and SIM contacts, call logs, incoming, and outgoing SMS/MMS, Images, Audio, Videos etc.

Major Challenges faced by Digital Forensics

Following are some major challenges faced by the Digital Forensic these days:

- The increased usage of Computers/Laptops/Smart Phones and broad utilization of web access on these gadgets.
- Easy accessibility of hacking tools.
- Lack of physical proof makes prosecution troublesome.
- The huge amount data in the storage spaces of system that makes this examination work tough and tedious.
- Any technical/scientific changes require an overhaul or changes to solutions.

Use Cases of Digital Forensics

These days, organizations have utilized digital forensics in following type of cases:

- Intellectual Property theft
- Industrial espionage
- Employment disputes
- Fraud investigations
- Inappropriate use of the Internet and email in the workplace
- Forgeries related matters
- Bankruptcy investigations
- Issues concern with the regulatory compliance

Digital Forensics Jobs

Jobs in digital forensics generally tend to have titles like Investigator, Technician or Analyst relying in your degree of seniority and specialization. The lion's share of occupations in this advanced criminology investigation field of lie in the public sector — in Law requirement or in the investigative laboratories. However, due to much load with public cybercrime labs many private organizations are starting to run their own labs, developing a lucrative path for digital forensics professionals. With all that being said, as an IT Professional you may choose the field of "Digital Forensics" as a career.

Congratulations!

FACULTY ACHIEVEMENTS



Dr. Deepmala Singh
Assistant Professor-Management

Attended

- One week FDP on *"Statistical Analysis and Structuring Equation Modeling in Social Sciences Using AMOS and Smart PLS"* 10th – 14th August, 2020, organized by Institute of Management Studies, Ghaziabad.
- One week FDP on *"Business Analytics - Concepts and Applications"* 28th August- 1st September, 2020, organized by School of Management Studies, Hyderabad University.
- FDP on *"The Best Online Teaching Apps"*, 8th August, 2020 to 12th September, 2020, by Edge India Academy (Edge India Publications Private Limited).



Mr. Prem Kumar Bhaskar,
Assistant Professor -IT

Attended

- 5- Days FDP on *"Technical Education Quality Improvement Program (TEQIP-III)"*, 14th-18th September, 2020 organized by Purnima College of Engineering Jaipur and Rajasthan Technical University Kota, India.
- Webinar on *"Cyber Forensics: Process, Tools and Applications"*, 18th September, 2020, organized by Manipal University Jaipur, India.

Congratulations!

LBEF JOURNAL FOR PUBLISHING THE VOL. 2, ISSUE-3, SEPTEMBER 2020

We would like to send warm wishes to all those students who contributed their chapter in LBEF Journal and encourage them to keep an eye on the publications in the coming Issue of the journal, and consider it as a venue for the future publications.

The table of content of volume 2 issue 3 is given below-

"A Study Of Impact Of Microfinance On Women Empowerment In Nepal"

- Sailesh Guvaju, Dolma Kumari Sherpa

"Impact of Project Management Methodologies on Project Success Rates: A Study on Foreign Aided Organizations Working In Educational Sector Of Nepal"

- Ruksa KC, Dr. Sandeep Kautish

"Impact Of Emotional Intelligence On Job Performance And Organizational Commitment: A Comparative Study Of Selected Public And Private Banks Of Nepal"

- Saphal Dhungana, Dr. Sandeep Kautish

"Impact Of Government Revenue On To The Economic Growth Of Nepal: A Case Study Of Last Five Years"

- Rohit Shrestha, Dr. Sandeep Kautish



COVID-19 Guideline

The General Public



Wash your hands thoroughly with soap and running water



Cover your mouth nose with your elbow when coughing or sneezing



Do not touch your eyes, nose, or mouth with unwashed hand



Avoid coming in contact with people having fever or respiratory symptoms

Be careful especially people who pregnant women, over 65 years old, people with chronic disease



Wear a facemask when visiting a health facility



Avoid visiting a crowded place

Person with Symptoms*

* Person having fever or respiratory symptoms



Do not go to work and avoid outdoor activities



Take a rest at home and monitor the symptoms for 3-4 days



Visit a triage health center, when fever (37.8 C and above) continues or other symptoms get worse



Use a personal vehicle and wear a facemask when visiting a health facility



Inform your healthcare provider of a travel history and contact history with persons with respiratory symptoms



COVID-19 Outbreak report regions in Nepal

Avoid visiting other regions or having outdoor activities and (Person in isolation) Please follow guidance provided by physicians and public health authority.