LBEF CAMPUS CELEBRATING 20 YEARS 1998-2018
THE FIRST IT COLLEGE OF NEPAL
IN ACADEMIC COLLABORATION WITH APIU ASIA PACIFIC UNIVERSITY OF TECHNOLOGY & INNOVATION

LBEF CONNECT
QUARTERLY NEWSLETTER OF LBEF CAMPUS

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GRADUATION CEREMONY OF LORD BUDDHA EDUCATION FOUNDATION

14th August, 2019

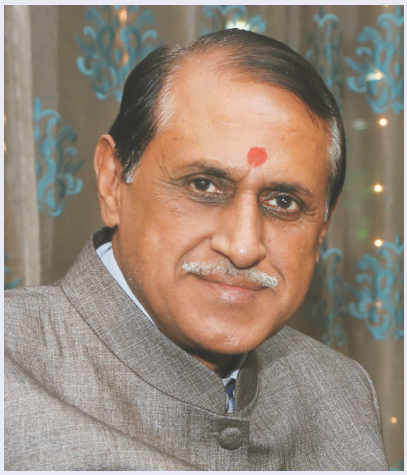
The First Graduation Ceremony of Lord Buddha Education Foundation (LBEF), Kathmandu, Nepal under the banner of Asia Pacific University of Technology & Innovation, Malaysia was held on 14th August, 2019 in Banquet Hall of Hotel Annapurna, Kathmandu, Nepal.

LBEF College was fortunate to have Hon'ble Shri. Raghubir Mahaseth, Physical Infrastructure & Transportation Minister of Nepal as the Chief Guest and Dr. Geeta Bhakta Joshi, Member of the National Planning Commission, Datuk Dr. Parmjit Singh, CEO APIIT, Malaysia and Mr. Gurpardeep Singh, Vice President (Operations) as Guests of Honor to award the degrees to these proud students. Mr. Parmanand Kejriwal, Founder (LBEF Group of Institutions), Er. Pankaj Jalan, Chairman (LBEF Group of Institutions), Er. Prakash Kumar, Executive Director (LBEF Group of Institutions), & Dr. Sandeep Kautish, Dean Academics, were also present on the dice.

The Graduation Ceremony began with the Procession of graduate students which was followed by the Academic Procession headed by the founder Shri Parmanand Kejriwal and the eminent guests.

Er. Pankaj Jalan, Chairman explained the importance of Graduation Ceremony and congratulated the newly graduated students. He also presented the major achievements of the college in the last Academic Year and congratulated all the rank holders followed by motivating and congratulation speech of Datuk Dr. Parmjit Singh, CEO of APIIT, Malaysia to the newly graduated students. In his motivational speech he congratulated all the graduates and imbibed the values of honesty, sincerity and dedication among them. The programme saw an overwhelming respons from more than 30 graduates. Shri Parmanand Kejriwal, Founder (LBEF Group of Institutions) gave the vote of thanks to all the delegates, participants, staffs and students for making the event a grand success!!

INSIDE



MESSAGE FROM THE FOUNDER

Dear Readers,
Being a part of the LBEF Group of Institutions, Lord Buddha Education Foundation, has over a decade, established as a prominent teaching and research institution in the country. The country has witnessed the achievements of the thousands of graduates produced through the years, symbolizing the quality standards maintained by the Institution. Teaching and learning at this Institution is ascertained by a combination of theoretical aspects with hands-on practical experience through workshops, laboratory work, emphasizing on team- building activities, leadership and communication skills.
To accomplish the desired results to this end, we have at our disposal, a team of eminent faculty with in-depth knowledge, academic prowess and industrial experience.
The primary aim of the Institute has always been to produce an adequately skilled manpower, having the appropriate knowledge, skills and attitude for industry, research and to provide a backbone for the public sector. Professionally trained and equipped graduates is the key driver of human development. I welcome all prospective students to become responsible citizens and make their parents, institute and the country proud of their achievements.

God Bless You All!

P. Kejriwal
Founder
LBEF Group of Institutions

FROM THE DESK OF EDITOR

Dear Readers,
It gives me immense pleasure to introduce the third edition of the quarterly newsletter 'LBEF Connect'. A newsletter is like a mirror which reflects the clear picture of all sorts of activities undertaken by the college. Just Like that LBEF also in the past three months saw a series of literary , management and cultural events- which were a huge success. These included Convocation of the first passed out batch of BBM & BSc.IT, Faculty interaction program, Workshops on Technical Writing Skills, "Mockup page design in Photoshop", Developing Windows Application in C#, International conference on Advances in Engineering, Technology and Contemporary Management Trends, along with a number of other cultural activities. I am confident that this edition of LBEF Connect will amply support this institution's contribution in the field of education.

A huge thanks to all the members who contributed in writing the wonderful and inspiring articles as well as to all the faculty members , students and staff members for their everlasting support throughout the creation of this edition within a stipulated time. I wish you a pleasant time reading through the newsletter and remain at your disposal for suggestions and comments.

Happy Reading!
Dr. Deepmala Singh
Editor-LBEF Connect

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THE BUZZ

• EVENTS • NEWS • ARTICLES

Drama Workshop

3rd July, 2019

A one-week Drama workshop was conducted from the students of Lord Buddha Education Foundation – LBEF, Maitidevi. Through this drama, students tried to make aware the uses of technology in daily life.

one week Drama workshop was successfully conducted for the students of the LBEF Campus. It reflects the school's practice very effectively, including the teacher's individual preparation and work in classrooms. The drama is incorporated very effectively in other curriculum fields. The program makes very good progress among students to enhance their skills. Overall, the quality of the teaching of drama is very nice.

During this workshop, the participants were made accustomed to varies aspect of drama and its associated fields.

Starting from the basics of drama on the first day, the participants learned about the body language and physicalization (posture, gesture and facial expression), modulation of voice, importance of breath in performance and life, realistic and abstract movements and developing teamwork.

Workshop

MOCKUP PAGE DESIGN IN PHOTOSHOP CS

8th July, 2019

A Workshop on "Mockup A Page design in Photoshop" was conducted by Mr. Rabi Shankar Rauniyar on 8 July, 2019 at LBEF Campus. As Adobe Photoshop is a raster graphics editor developed and published by Adobe Inc. for Windows and macOS. It was originally created in 1988 by Thomas and John Knoll. Since then, this software has become the industry standard not only in raster graphics editing, but in digital art as a whole. The software's name has thus become a generic trademark, leading to its usage as a verb (e.g. "to photoshop an image", "photoshopping", and "photoshop contest") although Adobe discourages such use. Photoshop can edit and compose raster images in multiple layers and supports masks, alpha compositing, and several color models including RGB, CMYK, CIELAB, spot color, and duotone. Photoshop uses its own PSD and PSB file formats to support these features. In addition to raster graphics, this software has limited abilities to edit or render text and vector graphics (especially through clipping path for the latter), as well as 3D graphics and video. Its feature set can be expanded by plug-ins; programs developed and distributed independently of Photoshop that run inside it and offer new or enhanced features. Photoshop is one of the best tools used by a web page designers. The objective of the workshop was to create awareness about the tools and enhance the designing skills of students.

Workshop covered the following features of Photoshop:

- The Power of File
- The Key to Custom Shapes
- The Core of Photoshop, Layers and Groups
- The Shortcuts to Moving and Resizing
- Getting the Most from Zooming and Panning
- Creating Cool Effects with Blending Modes
- Clean Web Page Design using Photoshop

Workshop
Developing Applications Using C#

11th July, 2019

One day workshop on Developing Applications in C# (11.07.2019) was conducted for the Students for B. Sc (Hons.) in Information Technology, presently in Semesters 3 to 6. The workshop was conducted by Mr. RN Thakur.

Software Development Architecture is the process of converting software characteristics such as flexibility, scalability, feasibility, reusability, and security into a structured solution that meets the technical and business expectations.

- Demonstrated a systematic understanding of appropriate application architecture
- Demonstrated a comprehensive understanding of interaction between the various Software Development Models.
- Demonstrated a well structure design to implementing in Real Life Application.
- Demonstrated an MVC Pattern and its Applications.

Founder's Day Celebration

12th July, 2019

Founders Day of LBEF Campus was celebrated on 12th July with great enthusiasm. During this Gala event Founder of LBEF Group of institutions Mr. P. Kejriwal, Er. Pankaj Jalan, Chairman LBEF Group of Institutions, Er. Prakash Kumar Executive Director LBEF Group of Institutions, Dr. Sandeep Kautish, Dean Academics, staff and Students were present.

The event started with the lighting of the lamp followed by prayer which was sung by Ms. Dolma Sherpa. The programs were started by a dance performance of Mona, Beena and Prerana, followed by Drama Presentation and song and dance program by other students.

Er. Pankaj Jalan, talked about the journey of the LBEF campus and thanked all for the support given to the institution during the years. The event ended with a cake cutting ceremony and blessings by the Founder.

Guru Purnima Celebration

16th July, 2019

Guru Purnima is celebrated by Buddhists, Hindus and Jains every year on the full moon day of the Shakha Samavat or Bikram Sambat in the Hindu calendar. Guru Purnima is the festival of worshiping the gurus or the teacher. Derived from two Sanskrit words, Gu meaning 'darkness' and ru meaning 'remover of that darkness', Guru is considered as one of the most important part of one's life. Feeling that importance in our life also LBEF celebrated the festival of Guru Purnima with great enthusiasm realizing that without great teachers, it is very difficult to empower young minds.

Workshop
Technical Writing Skills

18th July, 2019

A Workshop on "Technical Writing Skills" was conducted by Asst. Prof. Jyotir Moy Chatterjee on 18 July, 2019 at LBEF Campus. As technology is becoming increasingly complex and all-consuming, the need for technical writing skills is more important than ever. Every business, large or small, must clearly and concisely convey technical information, issues, instructions, findings and solutions. To make aware of the technical writing importance this workshop was organized. Technical writing is a type of writing where the author is writing about a particular subject that requires direction, instruction, or explanation. This style of writing has a very different purpose and different characteristics than other writing styles such as creative writing, academic writing or business writing. The workshop tried to cover all aspects related to Technical Writing like-How to plan writing, structure the document, what to write, review and revise your writing and last but not the least how to publish the technical content.

Introducing LBEF Alumni as LBEF Brand Ambassador

28th July, 2019

Mr. Pradeep Khadka
Brand Ambassador of LBEF Group of Institutions

Lord Buddha Education Foundation (LBEF), the first IT College of Nepal, was established in 1998 with a motive of providing quality education. From its humble beginnings, the college has made steady progress and today stands as one of the leading educational group in Nepal with currently over 1,000 students and above 8000 alumni. Currently, LBEF campus offers UG and PG programmes in IT & Management in academic collaboration with Asia Pacific University of Technology & Innovation, Malaysia.

Patan College of Professional Studies (PCPS), a Constituent member of LBEF Group of Institutions, has been established to serve the motive of building better tomorrow by providing an internationally recognized degree in Nepal. PCPS is currently running BBA and BSc. Computer Science and Software Engineering program in partnership with the University of Bedfordshire, UK (A World ranked UK University).

As it has more than 8000 aluminum successfully working or placed somewhere, LBEF Group of Institutions organized a press meet to proudly announced Mr. Pradeep Khadka, youth icon and leading actor, as a brand ambassador of LBEF Group of Institutions and the embodiment of which means encouraging youths to achieve what they dream of. He is an award-winning Nepali actor, filmmaker and a model based in Kathmandu, Nepal. Moreover, Mr. Pradeep Khakda is an alumnus of LBEF Group of Institutions and he has completed his Bachelor's and Master's degree from our institution. He was honored to represent the institutions in all its aspects.

PCPS also organized Open House event on 10th August, 2019 at Patan College for Professional Studies in respect of the chief guest Mr. Pradeep Khadka where the participants got to experience musical shows, various games and competitions, Stand-up comedy, Career guidance by professionals and many more.

The press meet was co- chaired by Er. Prakash Kumar, Executive Director (LBEF Group of Institutions), Er. Pankaj Jalan, (Chairman of LBEF Group of Institutions), Er. Ajaya Kumar Sharma Dean Academics of Patan College, Dr. Sandeep Kautish (Dean Academic of LBEF) & Mr. Uday Kant Jha.

Moderating the press release Er. Pankaj Jalan told about the massive unmet need of educational opportunities for learners in emerging contexts and realizing this necessity of learners LBEF Campus offers B.Sc. (Hons.) in Information Technology in academic collaboration with Asia Pacific University since 2015. Seeing the current industry demands and job requirements he was pleased to introduce specializations in Network Computing, Cloud Computing, Mobile Technology & Internet of Things (IoT). To enhance the learning experience, LBEF CAMPUS provides access to more than 10 online libraries.

To bridge the gap between academia and industry, LBEF group of institutions has collaborated with Manipal Pro-Learn to offer more than 50 online industry relevant courses. All the students joining the courses at LBEF group of institutions will be able to join these courses with no additional costs. These courses are offered in the field of Big Data using Hadoop, MongoDB etc.

Lastly, LBEF Group of Institutions also pleased to announce the Computer-based career assessment test which is a scientific test of the fingerprint patterns that helps in understanding an individual's potential and personality type. It has been formulated by scientists and medical experts based on understanding from Neuroscience, Genetics, Dermatoglyphics, Psychology, and Embryology.

-Happy- Birthday

From July to September 2019

Continuing with the tradition of celebrating the birthdays of staff members, we celebrated birthdays of Ms. Neetu Gutam (1st July), Ms. Minakshi Pathak(3rd July), Mr. Subhash Tamang (6th July), Ms. Pratibha Pradhan (10th July), Ms. Oshin Singh(16th July) & Ms. Dolma K. Sherpa(22nd July), & on 31st July 2019.

Chairman Er. Pankaj Jalan (14th August), Mr. Nilkantha Bista (18th August), Ms. Rupa Mainali (22nd August) on 25th August 2019.

Mr. Pranay Manandhar (26th September) & Mr. Pawan Bhattarai (28th September) and Celebrated on 30th September 2019.

We wish all of them a Very Happy Birthday and happy & Healthy Life in the coming years.

Welcome Program of Datuk Parmjit Singh, CEO APIIT Malaysia

13th August, 2019

LBEF Campus on 13.08.2019 welcomed Datuk Parmjit Singh, CEO APIIT and Mr. Gurpardeep Singh, VP(Operations) APU, who visited in Nepal to be a part of graduation ceremony of First batch of APU students to be held at Hotel Annpurna on August 14th 2019.

A small get-together was arranged so that the staff of LBEF group of Institutions can interact with them, followed by dinner. We welcome you to Nepal.

Haritalika Teej Celebration

28th August, 2019

The female staffs of LBEF Group of Institutions celebrated HARITALIKA TEEJ on Wednesday 28th August 2019 at LBEF Campus, Maitidevi.

All ladies adorned in Red Saree and danced on teej songs to celebrate Haritalika Teej. The dance was followed by a feast with many delicacies with the excitement in the faces of ladies.

Mrs. Manju Devi Jalan, Mrs. Risika Jalan and Mrs. Anita Tiberwal also attended the celebrations along with the staff members and Mrs Manju Devi Jalan gave gifts to all ladies present on the occasion.

Workshop
Internship Preparation

13th September, 2019

LBEF Campus organized a Three day Internship Preparation Workshop for BSc IT IV semester who are in the process of upcoming summer internship placement.

Day one of the workshop was dedicated to CV (curriculum vitae) writing. A CV is a document which aims to present as speculative approach for direct communication to recruiter. it was conducted by MS. Binita Gurung and Mr. Prem Bhaskar, faculty – BSc IT, at LBEF college.

The first day of workshop covered the essential fundamentals of the format of CV which included professional summary, competencies, academic qualification, work history, technical experience and references and how to highlight the key abilities such as Quality, clarity and relevancy with don'ts and dos additional tips.

Day second of the workshop was dedicated to developing interview skills, personality development, effective ways of communication both verbal and written.

On Day third, Mock interviews were conducted to examine student's potential and strength for further actual interview so that they can easily offer themselves with needed confidence and knowledge. Panel consisting ER. Prakash Kumar, Executive Director (LBEF Group of Institutions), Prof. Dr. Sandeep Kautish (Dean of Academics), Ms. Dolma Sherpa (Program Leader BIT Program) and Ms. Binita Gurung (Module Leader of Soft Skills) interviewed the students and make them familiar with the actual interview.

Orientation Program

14th September, 2019

As new students need some direction and guidance in enrolling for classes, the college have an opportunity to provide academic advising at orientation. An orientation Program for the new batch of M.Sc.ITM / MBA & B.Sc.IT was organized at Gokarna Forest Resort, Gokarna on 14th Sept 2019.

The program began with a welcoming address by Er. Prakash Kumar, Executive Director (LBEF Group of Institutions), during which he gave a brief orientation about the Asia Pacific University, Malaysia and LBEF Group of Institutions. During this session, Er. Prakash Kumar, Executive Director, informed all the students regarding skill-based online training(s) provided in partnership with Manipal Pro-Learn. During his interaction with students. Dr. Sandeep Kautish, Dean (Academics) talked about the college and its rules and regulations to the newly admitted students., and informed the students about the e-library access provided to them.

Internship Drive by Programiz

17th September, 2019

Internship Placement and orientation to the Programiz company was organised at LBEF Campus for Students of B.Sc(Hons). The participation was made by the students of Information Technology in the program. Program was represented by Mr. Punit Jajodia, Recruitment and PR manager, Mr. Shrish Shikhrakar. An elaborate presentation on QA in Software Development and the career options availability in UI/UX and other areas in industry was given. The presentation was interesting, captivating, motivating and encouraging to build up determined mindset. The participants were more than glad to know that they were provided this opportunity which is recognized globally.

ICAETCMT-19

20th September, 2019

1st International Conference on Advances in Engineering, Technology and Contemporary Management Trends (ICAETCMT-19) by LBEF Campus For the overall benefit the academic fraternity of Nepal, LBEF Group of Institutions (1st IT College of Nepal) organized the "1st International Conference on Advances in Engineering, Technology and Contemporary Management Trends (ICAETCMT-19)" on 20th September at Hotel Annapurna Kathmandu which attracted researchers, academicians and industry experts of Nepal and worldwide to join a collaborative forum for discussions and exchanges of ideas and recent innovations.

The Inauguration Session started with the welcome speech by Conference Patron and Executive Director, LBEF Group of Institutions, Er. Prakash Kumar. He welcomed all dignified guests, speakers and participants from India, Sri Lanka and different parts of Nepal.

The session was started with the Keynote address delivered by Dr S.K.Singh, Professor and Dean at Delhi Technological University India. He emphasized on Environmental concerns of developing countries like India and Nepal. He also elaborated on various emerging concepts of environmental science i.e. Sewage Management, Water and Air Pollution and it's current and future repercussions. He also provided a brief description of the relevant policies and research which are in progress and also suggested relevant future directions in Nepal Context.

Prof. Dr. Subarna Shakya, Professor at Department of Electronics and Computer Engineering Pulchowk Campus Institute of

Engineering Tribhuvan University delivered another keynote address in which he highlighted the various dimensions of cloud computing related research areas. He also emphasized on security considerations in the cloud environment.

The Chief Guest of Conference, Hon'ble Sri Ganesh Shah, ex-Minister for Environment, Science and Technology briefed about the history of computers and its changing roles in modern society. He advocated the need of more research in the areas of engineering, Sciences and technology for the betterment of human life while considering environmental concerns.

The 39 conference submissions consisted of Conference Proceeding with ISBN was inaugurated by all the guests which contains research findings of various research papers submitted by participants.

The inauguration session ended with the vote of thanks delivered by Hon'ble Chairman of LBEF Group of Institutions, Er. Pankaj Jalan, also the Patron for the conference. He underlined the objectives of the organization of the conference and narrated the brief history of LBEF group and its significant role in the history of education in Nepal since 1998.

The post- lunch session i.e. the technical session was one of the major highlights of conference in which more than 15 research papers were presented by different presenters from different parts of the world i.e. Sri Lanka, India and Nepal. Two students of LBEF Group of Institutions i.e. Manoj Kumar Giri, M.Sc. ITM student presented his project thesis work in the form of research papers which was focused on emerging role of social media in crisis management. Also, Ms. Astha Shrestha, student of B.Sc. (CS&SE) Patan College For Professional Studies presented her paper on Agriculture analytics.

The ICAETCMT-19 was concluded with the valedictory function in which Best paper awards were distributed followed by certificate distribution to all participants. More than 80 participants in the form of presenters, listeners, and volunteers were present for the event which lasted till 5:30 PM of the day.

The closing vote of thanks was delivered by Conference General Chair and Dean Academics, LBEF Campus, Prof. Dr. Sandeep Kautish who congratulated all participants for their high gratitude and enthusiasm.

MOU Signed between LBEF and Sparrow Pay Pvt. Ltd.

23rd September, 2019

To provide Internship & Job Placement to the LBEF students of BBM (E-Business) an MOU was signed between Lord Buddha Education Foundation and Sparrow Pay Pvt. Ltd. (Khalti.com) on September 23, 2019.

On this occasion Er. Pankaj Jalan, Chairman (LBEF Group of Institutions), Er. Prakash Kumar, Executive Director (LBEF Group of Institutions) looks forward to new opportunities lining up in the coming years.

Workshop
Dynamic Web Development

25th September, 2019

Workshop on 'Dynamic web development using PHP and MySql' was organized for the Students of LBEF Campus. Students of the 4th Semester attended the workshop which was conducted by Mr. Rabi Runiyar.

Students learned many new tricks on developing dynamic web pages. Topics covered in this workshop were Introduction of Php,Use of Php, Dynamic page design, serverside and clientside language, Variables, Datatypes, Condition, Iteration and Database connection.

2nd Alumni Meet-Milap 2019

27th September, 2019

It gave us immense pleasure to organize the 2nd Alumni Meet 2019, held on 27th September, 2019, to commemorate more than 8000 alumnus at one place.

It was an incredible reunion of alumni, students, faculty and staff members at Amrit Bhog, Dillibazar, Kathmandu, Nepal. Er. Pankaj Jalan (Chairman of LBEF) made the opening welcome statement on behalf LBEF Group Of Institutions.

All the alumni were excited to be part of the alumni meet. They shared their experience and the interesting moments of their campus life with the audience. At the end of the function, lunch was served to all the Alumni members at the Amrit Bhog Banquet. The meet also achieved its aim of informal interaction amongst the Alumni and the students of LBEF and showed its strong interest in making such Alumni Meet and After Party a regular annual event.

Intra-College Futsal Tournament

29th September, 2019

As a part of extracurricular activities, LBEF Campus organized Intra College Futsal Tournament 2019 on 29th September 2019 at Maitidevi Futsal, Maitidevi. It was a three-day event where a total of 5 teams of different semesters competed with each other. Team of 4th Semester BSc IT got 2nd Runner up position. The final match was between 3rd semester and 5th semester. The winning team was the 5th Semester and the players were: Diwash Chand, Sandeep Shrestha, Ajay Raj Pokharel, Prabesh Maharjan, Prashil Khadka, Lal Bahadur Budha, Anish Mandal. Er. Pankaj Jalan, Chairman of LBEF Group of Institutions distributed the certificates, medals and champion trophy to the winning team.

At LBEF students are encouraged to organize and participate in as many events as possible because LBEF understands that learning is beyond classroom and sports are of the most important learning tools for students.

Congratulations!

FACULTY ACHIEVEMENTS

Prof. (Dr.) Sandeep Kautish
Dean Academics, LBEF Campus

1) Book Publication
Name - Modern Techniques for Agricultural Disease Management and Crop Yield Prediction
Publisher - IGI Global USA
Other authors - N. Pradeep (Bapuji Institute of Engineering and Technology, India), Sandeep Kautish (Lord Buddha Education Foundation, Nepal & Asia Pacific University, Malaysia), C.R. Nirmala (Bapuji Institute of Engineering and Technology, India), Vishal Goyal (Punjabi University, Patiala, India) and Sonia Abdellatif (Seoul National University, South Korea)
Date of publication - Aug 2019

2) Certificate
1) Conference skills for researchers 2) How to prepare your manuscript
Awarded from - Researcher Academy (Elsevier)
Date - Aug 2019

3) Patent Published- System of smart multi- functional traffic light using organic solar cell.
Date - 09 Aug 2019

Faculty News

S.No	Name of the Faculty	Designation	Department	Date of Joining
1.	Mr. Pankaj Gautam	Lecturer	Management	27th June 2019
2.	Mr. Prem Kumar Bhaskar	Assistant Professor (LBEF)	Information Technology (Academics)	5th August 2019
3.	Dr. Deepmala Singh	Assistant Professor (LBEF)	Management	6th August 2019

Student's Articles

Ms. Manisha Regmi (BSc. 3rd Sem)

REPORT ON ICAETCMT-19

On 20th September 2019, an international conference was held at Hotel Annapurna, Kathmandu, Nepal. The Conference set its value nationally and internationally among different countries (i.e. India, Sri Lanka, Nepal) and was titled as "International Conference on Advances in Engineering, Technology and Contemporary Management Trends". The Conference was conducted in the association of LBEF group of Institutions with IFERP. At the day out session of Conference meeting, a series of program were conducted valuing the importance of everyone's participation. Each program was under its time limit and a total of one day space was managed for the smoothness of the program. The conference provided a vibrant platform to the experts like Dr. S.K. Singh (DTU, Delhi), Dr. Subarna Shakya (IOE, Pulchowk-Nepal), Hon'ble Sri GaneshShah (ex-Minister for Environment, Science and Technology, Nepal) to share their inimitable opinion on Advances in Engineering, Technology and Contemporary Management Trends.

Following up with event participation, it was a proud moment for all of us that one of our family member of LBEF, currently studying MSc. ITM, Mr. Manoj Kumar Giri, won the "Best Research Paper Award" among 15 research papers submitted by various academics globally over India, Sri Lanka and Nepal. He presented his research on "Emerging Role of social media in crisis management: A study in reference to the earthquake of 2015 in Nepal".

Sharing on my personal review, advocating a definite position on Controversial and overheard issues was more effective which embraced our self-strength and skilled up ourselves in a far better way in technological and global issues. We were honored to share a day experience with many of the reputed and recognized, Professors, Minister and members of different committees from different nations who are being part of our membership with LBEF and IEFRP. The session concluded on high notes, giving a platform to the participants to learn from the experts, share their views and indulge in the Q&A session. Experiencing their journey in their own and responding through their words, the connection became more enthusiastic. Addressing the issues of different aspects, the conference fetched out their concerned probabilities and their evaluation following up innovative trends.

Collaboration Between Manipal Pro-Learn and LBEF Group of Institutions

To bridge the gap between academia and industry, the LBEF group of institutions has collaborated with Manipal Pro-Learn to offer more than 50 online industry relevant courses. All the students joining the courses at the LBEF group of institutions will be able to join these courses with no additional costs. Below given courses are offered in the field of Big Data using Hadoop, MongoDB etc. The collaboration will be able to meet the need for educational opportunities for learners in emerging contexts.

S. No.	Course Title
1	Certificate in Advanced MS Excel 2016
2	Financial Modelling Using Excel Certification Training
3	HR Analytics
4	Basics of Business Analytics
5	Business Analytics
6	Lean Six Sigma Green Belt
7	Basics of Project Management
8	Supply Chain Management
9	Management Information Systems
10	Corporate Aptitude
11	Google Cloud Computing Foundation
12	Business Communiation
13	Organisational Behaviour
14	Digital Marketing Certification Course
15	Basic Introduction to Online Reputation Management
16	Social Media Marketing
17	Certificate program in Mobile Marketing
18	Associate android app developer program
19	iOS App Developer Program
20	Financial Accounting
21	Management Accounting
22	Python for Data Science
23	MongoDB - Development and Administration
24	Cloud Computing Foundation
25	Apache Scala and Spark
26	Cloud Computing with AWS
27	IT Foundation Skills with C Programming
28	Developer Program with Java and RDBMS
29	Testing with Selenium
30	Advanced C Programming
31	Java Programming
32	HTML5 / Internet Web Technologies
33	RDBMS Program with Oracle
34	Unix Operating System
35	C++ Programming
36	Python Developer
37	C # Developer
38	Developer Program with C++, Unix & RDBMS
39	Full Stack Developer Learning Path (Includes 5 Courses In Fu
40	Java Developer Learning Path (Includes 5 Courses to becom
41	C++ Developer Job Prep Stream
42	Programming for Data Science using R
43	Statistical Analysis for Data Science
44	Exploratory Data Analysis for Data Science using R
45	Data Visualisation for Data Science using R
46	Big Data Technology using Hadoop
47	Machine Learning for Data Science using R
48	JEE Architecture (Servlets, Java Server Pages, XML, Web Ser
49	JEE Frameworks (Spring , Hybernate)
50	Advanced Java Script
51	Angular JS Certification Training
52	Certification in Node JS
53	Java 8.9.10
54	Manual Testing

DEGREE AWARD RECIPIENTS

BSc.(Hons.) in information Technology

S. No.	Student Name	Result
1	AAMIR ADHIKARI	Second Class Honours: 2nd Division
2	AASHNA DHUNGANA	Second Class Honours: 2nd Division
3	ADITYA LAL AMATYA	Third Class Honours
4	AMIR ALI	Second Class Honours: 2nd Division
5	AMRIT RAJBANSHI	Second Class Honours: 2nd Division
6	ANISH SHRESTHA	Second Class Honours: 2nd Division
7	ANU SHRESTHA	Second Class Honours: 2nd Division
8	ANUP SAPKOTA	Second Class Honours: 2nd Division
9	ARBINDRA SUTIHAR	Second Class Honours: 2nd Division
10	ARJAN FUEAL SHARMA	Second Class Honours: 2nd Division
11	ASHISH GHIMIRE	Third Class Honours
12	BEBIKA SINGH	Second Class Honours: 2nd Division
13	BIJAY KUMAR SHRESTHA	Second Class Honours: 2nd Division
14	BINAYA SUBEDI	Second Class Honours: 2nd Division
15	BIPIN KHAND	Second Class Honours: 2nd Division
16	BISHWO ADHIKARI	Second Class Honours: 2nd Division
17	DIBESH SHRESTHA	Third Class Honours
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MATERIAL INFORMATICS: A BRIEF OVERVIEW JMC

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

Advances in computational methodologies and the exponential augmentation in PC speed have made it possible to computationally make gigantic databases of material properties. Such high-throughput preparing enables experts to rapidly check countless up-and-comer materials to recognize those that hold the most assurance for creative applications. Materials organizers can analyze the data to recognize huge substance and essential examples, giving new bits of learning into how to make materials with needed properties. To totally utilize the power of high-throughput enrolling, it is essential to have systems that can do rapidly and exactly foreseeing the pertinent material property estimations. We develop such methods and use them in high-throughput calculations to structure and discover new materials for forefront advancements [1].

Searching for Wstructure-property associations is a recognized perspective in materials science, yet these associations are consistently not straight, and the test is to search for models among different length scales and timescales. There is only from time to time a singular multiscale theory or preliminary that can authoritatively and exactly catch such information. Exactly when united with an epic combinatorial space of sciences as portrayed by even a tad of the irregular table, it is clearly seen that searching for new materials with uniquely crafted properties is a prohibitive endeavor. Consequently, the mission for new materials for new applications is obliged to taught induces. Data that exists is every now and again obliged to little regions of compositional space. Exploratory data is dispersed in the composition, and computationally surmised data is limited to a few systems for which strong data exists for check. To be sure, even in the wake of continuous advances in quick figuring, there are limits to how the structure and properties of various new materials can be resolved. In this way, this stance both a test and opportunity. The test is to oversee extremely immense, novel databases and colossal scale estimation. It is here that data divulgence in databases or data mining – an interdisciplinary field solidifying consideration from bits of knowledge, AI, databases, and parallel and spread figuring – gives an excellent instrument to join consistent information and theory for materials disclosure. The target of data mining is the extraction of taking in and information from colossal databases. It shows up as finding new models or building models from a given dataset. The open entryway is to abuse late moves in data mining and apply them to top tier computational and exploratory systems for materials disclosure. One may regularly acknowledge that a great deal of data are fundamental for any certifiable informatics examines. In any case, what builds up 'enough' data in materials science applications can contrast on a very basic level. In thinking about assistant earthenware, for instance, break sturdiness estimations are difficult to make and, in a part of the further developed materials, just two or three mindful estimations can be of phenomenal worth. In this manner, reliable estimations of basic constants or properties for a given material incorporate quick and dirty estimation just as computational techniques. By and large, datasets in materials science fall into two general classes: datasets on a given materials lead, related to mechanical or physical properties, and datasets related to characteristic information subject to the compound typical for the material, for instance thermodynamic datasets.

In the materials science arrange, crystallographic and thermochemical

databases have undeniably been two of the best-settled. The past fills in as the foundation for interpreting valuable stone structure data of metals, composites, and inorganic materials. The last incorporates the total of key thermochemical information to the extent warmth limit and calorimetric data. While crystallographic databases are used essentially as a sort of viewpoint source, thermodynamic databases address likely the most reliable instance of informatics, as these databases were composed into thermochemical figuring to guide arrange quality in twofold and ternary mixes. This provoked the improvement of computationally deduced stage graphs – a praiseworthy instance of organizing information in databases with data models. The advancement of the two databases has happened uninhibitedly in spite of the way that, to the extent their sensible worth, they are outstandingly weaved. Wipe out charts map frameworks of jewel structure in temperature-piece space or temperature-weight space. Be that as it may, diamond structure databases have been developed totally openly. At present, the system must work with each database freely, and information searches are unbalanced. Interpretation of data including both is amazingly inconvenient. Investigators simply facilitate such information in solitude for one very certain structure without a moment's delay, in perspective on their individual focal points. Hence, there is at present no bound together way to deal with explore instances of lead across over databases that are immovably related tentatively [2].

{ Possibly the most perilous piece of data driven procedures is the incidental utilization of AI models to cases that fall outside the territory of prior data. }

With excitement and chances come challenges. Questions constantly rise concerning what sort of materials science issues are most reasonable for, or can benefit most from, a data driven system. A worthy perception of this edge is fundamental before one choose a decision on using AI strategies for their worry of interest. Possibly the most perilous piece of data driven procedures is the incidental utilization of AI models to cases that fall outside the territory of prior data. A rich and, as it were, unusual locale of solicitation is to see when such a circumstance pursues, and to have the choice to quantify the vulnerabilities of the AI desires especially when models veer out-of-space. Answers for managing these hazardous conditions may open up pathways for flexible learning models that can powerfully improve in quality through methodical implantation of new data—a viewpoint essential to the further blooming of AI inside the hard sciences [3].

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BLOCKCHAIN TECHNOLOGY: A FUTURE COMPUTING BEYOND BITCOIN

Mr. Prem Kumar Bhaskar, Assistant Professor (IT), LBEF Campus

Blockchain, a widely discussed topic these days in computing world, a fulcrum behind Bitcoin seems to be the driving technology for next generation interconnected society. The blockchain is a neological solution to the age-old human problem of trust. It offers a paradigm for higher confidence building by enabling to trust the system's outputs without any hesitation. Blockchain is a shared-trusted public-private transaction ledger that can be inspected by everyone but is not controlled by any single user. It is a distributed database that retains an ever-increasing list of transaction data records, cryptographically protected from manipulation. It first came to computing world in October 2008 as a new proposal for Bitcoin with a view to create Peer to Peer (P2P) Digital Wallet without banks.

How Blockchain Works

A Blockchain protocol runs on top of the Internet, on a P2P network of computers, all running the protocol and holding an identical copy of the transaction ledger, allowing transactions of P2P value without a middleman by machine agreement that records all transactions from the genesis block i.e. first block till the last current one. Following diagram shows how blockchain actually works:

The ledger is constructed using a linked list or chain of blocks, where each block contains an amount of transactions validated by the network in a specified time span. The blockchain protocol's crypto-economic rulesets (consensus layer) govern all network stakeholders' behavioral activity and incentive mechanisms bypassing the need for traditional third-party member.

Where Blockchain Can Be Applied?

Blockchain technology has potential to impact and improve a wide range of areas where IT enabled services can be applied. The most promising applications are those where transfer of money/value or assets between two or more parties are currently tedious, costly and involves one or more central governing authority. An opportunity can also be there where securities settlements are performed, which today can involve multi-day clearing and settlement processes between multiple financial intermediaries. Many financial services experts believe that financial services industry is on the verge of being disrupted. Innovative technologies such as blockchain are expected to transform the industry and its workforce by automating many of the activities currently performed by humans.

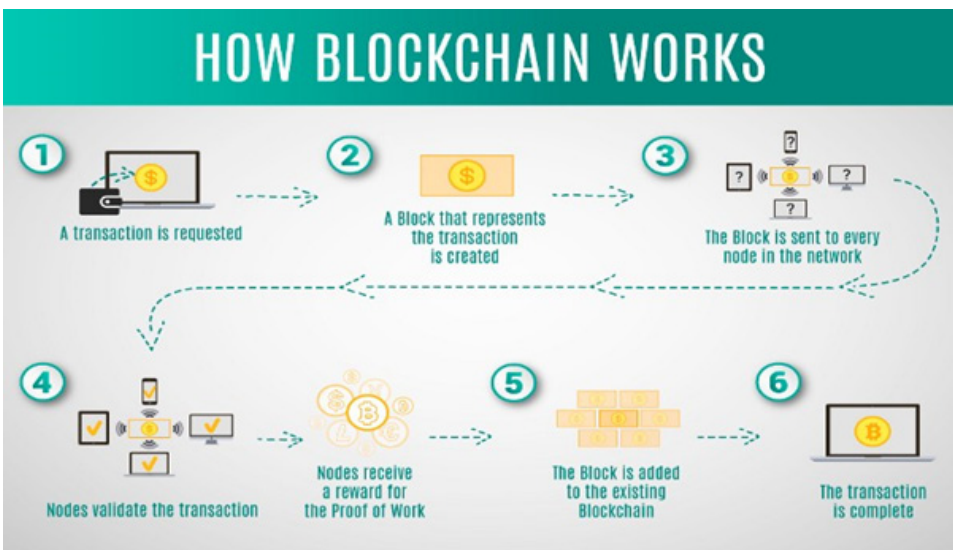

Figure 1. Source: https://opensourceforu.com

The table illustrates core industries where blockchain technology and its unexplored potential transformative benefits are much impressive as demonstrated by significant institutions of world from both venture capital firms and large enterprises:

Trends to Technological Implementations

Blockchain based frameworks can change the budgetary administrations world and spare billions of dollars in costs foundation alone. Firms/ Start-ups beginning on the blockchain venture, should start with a proving ground condition to get a direct implementation of the blockchain technology. This can help contextualize the innovation to utilize cases that are most pertinent to the firm. Large corporates have effectively distinguished 10-20 use cases for innovation and business potential assessment. Top uses being sought for incorporating blockchains in the regions of Payments, Financial Settlements, Trade Finance, Post Trade Processing, Repurchase Agreements,

Core Sectors	Applicable Blockchain Solutions in Future
BFSI	Several stock exchanges around the world are piloting a blockchain platform that enables the issuance and transfer of private securities. Additionally, multiple groups of banks are considering use cases for trade finance, cross-border payments, and other banking processes.
FMCG	Companies in the consumer durables and industrial industries are exploring the use of blockchain to digitize and track the origins and history of transactions in various commodities.
Life Sciences and Healthcare	Healthcare organizations are exploring the use of blockchain to secure the integrity of electronic medical records, medical billing, claims, and other records.
Energy and Resources	Blockchain based smart-grid technology that would allow for surplus energy to be used as tradable digital assets among consumers.
Media, Telecom and Convergence Technologies	Supporting data storage and interaction among IOT devices in a cryptographic format to eradicate security issues. Maintaining cryptographic hash of original music and videos and using smart-contracts for compensation to original owner.
Government Sector	Governments are exploring blockchain to support Inland Revenue Management, Assets Registration such as land records and corporate shares, Electronic Voting System, Education, Health and Family Welfare, Public Distribution System, Transportations etc.

Table Source: Deloitte Insights | www.deloitte.com/insights

Debt Distribution and Insurance Claims processing. Activities are to a great extent at the development stage, with pilot-projects approving how arrangements utilizing Blockchain can replicate or support existing usable infrastructures.

Regulatory Opportunity for Governments

While various government regulations might seem like a nightmare for industries, the blockchain technology represents a great opportunity for central regulators e.g. governments to gain unparalleled transparency into the country financial system involving very low cost. In fact, ground breaking controllers, for example, the Bank of England is presently considering Distributed Ledger Technology (DLT) while implementing their Real Time Gross Settlement (RTGS) framework. The Reserve Bank of India likewise has as of late taken comprehension of the capability of the blockchain technology with regards to changing the working of back office of banks, expanding the speed and cost productivity in digital payment and financial trading services such as NEFT/RTGS/IMPS, stock exchange trading etc. As the technology expending very fast, technology experts forecast large amount of unexplored opportunity in the Banking and Financial services sector of Nepal too.

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