



## "Talk program on the occasion of the 134<sup>th</sup> International Workers Day"

On the occasion of the 134<sup>th</sup> International Workers Day, a talk program was held on Baisakh 18, 2080. The program was jointly organized by Khwopa Engineering College, Khwopa College of Engineering, and Khwopa Polytechnic Institute, run by the Bhaktapur Municipality. The chief guest of the program was a Central Secretary of the Nepal Workers and Peasants' Party and Federal Member of Parliament, Prem Suwal, who warned intellectuals to be aware that the agents of the capitalist class can enter the labor movement and cause great damage to the movement. He also discussed that capitalism makes doctors, engineers, etc., workers. He made it clear that opportunism is a capitalist idea within the working class, but he said that socialism is a political system that benefits the general public.

He expressed the opinion that there is no justification for the major and emerging political parties of the country that does not speak out and oppose the issues of the country's sovereignty and

border security, including the unequal treaty of 1950, the Gorkha Recruitment Center, the MCC, the SPP, and the Citizenship Bill. Also, while stating that lessons should be learned from past labor movements, he pointed out the need to move forward by following socialist ideas as agent provocateurs can enter the movements.

He also discussed the fact that 111 MPs of the House of Representatives currently have their houses in Kathmandu. Being MPs and Ministers only for the Commission, Ministers are synonymous with corrupt people who embezzle billions of dollars. Discussing that the number of people facing criminal and criminal charges in Parliament is increasing, he also discussed that the members of Parliament have encroached on public land. He said that the ruling parties that came to power due to the greed of the commission destroyed government institutions and privatized billions of assets. He pointed out the need to open factories and universities in the country rather

than the 5 billion fast track brought by the greed of the commission.

In the program, Deputy Mayor of Bhaktapur Municipality and Vice Chair of College Management Committee Rajani Joshi discussed the importance of May Day and highlighted the work done by Bhaktapur Municipality in various sectors such as education, health, and heritage conservation and mentioned the recognition received as the Khwopa Model even though it is a small municipality. She said that according to the Election Manifesto of the Nepal Workers and Peasants' Party and the concept of the book "Bhaktapur after a Century," written by Com. Rohit, Bhaktapur Municipality is progressing forward.

She said that in Bhaktapur, the development of education, health, preservation of tangible and intangible heritages, etc. will be made a tourist destination, the city will be declared a cultural city, Khwopa University will be established, and it will be a center of knowledge.

In the program, the principal of Khwopa Engineering College, Er. Sujan Maka said that the work is being done to overshadow the original meaning of International Worker's Day in capitalist countries and discussed that the intellectuals are also on the side of the capitalists and the working class.

In the program, the principal of Khwopa College of Engineering, Er. Sunil Duwal discussed the background of the international labor movement and discussed that during the period of COVID-19, the wages of the workers of 22 large companies in the United States of America increased only by 2 to 5 percent, but the profit of the directors increased by 95 to 98 percent.

In this program, Khwopa Engineering College Civil Engineering Department Er. Amit Shankar Ranjit gave a presentation on "Labor Movement and May Day in the United States"; and Ganga Keshari Koju, a Khwopa Polytechnic Institute teacher, presented "Diabetes Mellitus". During the program, Rajan Jati also expressed his thoughts.







## Entrance Topper Scholarship Awarded

Students who have passed the entrance examination of the Bachelor of Engineering (B.E. / B. Arch) program conducted by the Institute of Engineering, Entrance Examination Board, Pulchowk, and have been admitted to this college, have been awarded full scholarships. Among the students who

have received this scholarship, one student from each academic program, who has obtained the highest marks in the Institute of Engineering entrance examination, from the area within Bhaktapur Municipality, and one student from outside Bhaktapur Municipality, as listed below, have been awarded the full scholarship.

### Programme: Civil Engineering

| S.N. | CRN          | Name of Student | Address       | IOE Rank | +2 Marks/ GPA | Remarks      |
|------|--------------|-----------------|---------------|----------|---------------|--------------|
| 1.   | KCE079BCE035 | Kritan Adhikari | Bhaktapur -01 | 1123     | 3.52          | Nagar        |
| 2.   | KCE079BCE043 | Nikhil Maharjan | Lalitpur -12  | 1007     | 3.68          | Out of Nagar |

### Programme: Electrical Engineering

| S.N. | CRN          | Name of Student | Address        | IOE Rank | +2 Marks/ GPA | Remarks      |
|------|--------------|-----------------|----------------|----------|---------------|--------------|
| 1.   | -            | -               | -              | -        | -             | Nagar        |
| 2.   | KCE079BEL029 | Sugam Gaire     | Nawalparasi -8 | 1399     | 3.47          | Out of Nagar |

### Programme: Computer Engineering

| S.N. | CRN         | Name of Student   | Address       | IOE Rank | +2 Marks/ GPA | Remarks      |
|------|-------------|-------------------|---------------|----------|---------------|--------------|
| 1.   | KC079BCT011 | Anuj Khatakho     | Bhaktapur -02 | 370      | 3.42          | Nagar        |
| 2.   | KC079BCT005 | Aayushya Shrestha | Lalitpur -12  | 512      | 3.58          | Out of Nagar |

# Talk Program in Remembrance of Gorkha Earthquake 2015



On Baisakh 12, 2080, a talk program was organized jointly by Khwopa Engineering College and Khwopa College of Engineering, the undertaking of Bhaktapur Municipality, in remembrance of the Gorkha Earthquake 2015. The program was well attended by students, faculty and staff members, and guests from different sectors.

The Chief Guest for the event was Prem Suwal, a Member of Parliament and Secretary of the Nepal Workers and Peasants' Party. In his address, he emphasized the need for balanced development of the country and the importance of developing small towns outside the Kathmandu valley. He also highlighted the risks associated with the haphazard development of Kathmandu, which could increase the risk of damage from future disasters, especially seismic hazards. He stressed the importance of well-planned cities with adequate open spaces to reduce such risks.

Regarding contemporary issues, Suwal stressed the need for the government of Nepal to provide sufficient jobs to the youth within the nation to prevent them from serving as cheap labor in foreign lands and also emphasized the need for the nation to focus on self-dependence and reduce reliance on remittances.

The Chairman of the program, Sunil Prajapati, Mayor

of Bhaktapur Municipality, and Chairman of the colleges, emphasized the importance of learning from the Gorkha Earthquake 2015. He highlighted the contributions made by both colleges before, during, and after the earthquake, including the reconstruction and renovation of heritage structures damaged by the earthquake. The colleges have also been actively involved in conducting various academic exercises regarding the earthquake through research and publications. They have also organized national and international conferences regarding earthquake and post-disaster reconstruction.

Er. Sujan Maka, Principal of Khwopa Engineering College, and Er. Sunil Duwal, Principal of Khwopa College of Engineering, shed light on the planning for the following days and the jobs done by both colleges. Arch. Subik Kumar Shrestha (Ph.D.), Er. Roshan Prajapati, and Er. Shubham Pyakurel (ME Earthquake Students and Research Assistants) provided a slide presentation on different issues regarding earthquake disaster study.







## Talk program to mark Buddha Jayanti and Karl Marx's birth anniversary

On the 2567<sup>th</sup> Buddha Jayanti and the 205<sup>th</sup> Karl Marx's birth anniversary, a presentation program was held on the 24<sup>th</sup> of Baisakh, 2080. The program was jointly organized by Khwopa Engineering College, Khwopa College of Engineering, and Khwopa Polytechnic Institute. During the program, Principal Sunil Duwal of Khwopa College of Engineering delivered a speech on the biography of

Karl Marx, stating that the study of the biography of Karl Marx will be insufficient if the biography of Engels and Jenny Marx is not studied. He emphasized the struggles that Marx went through in his life and encouraged everyone to learn from them. Principal Duwal also highlighted the role played by Engels in Marx's writings and the economic and material support provided by him, which led to his recognition as a true companion. In the program, Ramesh Bala, Head of the Civil Engineering Department at Khwopa College of Engineering presented the biography of Karl Marx and Dinesh Gothe, Head of the Computer Engineering Department presented a brief history and current scenario of slavery in the world. Likewise Kaji Bahadur Pancha, Chief Accountant of Khwopa Engineering College, also spoke about the contributions of Gautam Buddha and Karl Marx.





## College visit by former Culture Minister Kiranti

On Monday, 25 Baisakh 2080, Gopal Kiranti, the former Minister of Culture and member of the Constituent Assembly, visited Khwopa Engineering College and Khwopa College of Engineering, run by Bhaktapur Municipality. College Principal Er. Sujan Maka, while welcoming the former Minister

of Culture, said that the college is progressing on the path of intellectualizing society and that students from 77 districts are currently studying at the college. During the visit, Bhaktapur Municipality Ward No. 7 Ward President Ukesh Kawan and Ashok Limbu were also present.



## Book review program to mark Buddha Jayanti

Khwopa Engineering College and Khwopa College of Engineering held a book review and discussion program on the occasion of Buddha Jayanti on May 4, 2023. The library section of both colleges organized the event. Yogesh Bajracharya, a Head of Department of the Electronics and Communication Department presented about Buddhism, Bajrayan, and Bajracharyas. He focused on the fundamental tenets of Buddhism.

During the presentation, Mr. Bajracharya discussed the Three Jewels, the Four Noble Truths, and the Panchasil. He also talked about the three major schools of Buddhism, Theravada, Mahayana, and Vajrayana, and their basic introductions and differences. Mr. Bajracharya particularly emphasized the importance of Bajrayan in Nepal

and the role of Bajracharyas in the Kathmandu Valley in promoting and preserving Buddhist culture and traditions.

Er. Sunil Duwal, principal of Khwopa College of Engineering, gave remarks encouraging the audience to explore Buddhism further. He also related Buddhism to Marxism for a better understanding of oneself and the world. He stated that both philosophies focused on how to get rid of sorrow with the only difference being that Marxism focused on the eradication of sorrow by overturning the system whereas Buddha focused on self-discipline and the betterment of everyone. Likewise, Mr. Duwal focused on the teaching methods of Buddha and emphasized that they should be followed.





## Participation in advanced hands-on training on the testing of high-voltage samples

Er. Rakesh Gwachha and Er. Dhurba Karki of the Department of Electrical Engineering attended the Advance Hands-on Training on Testing of High Voltage Samples at the High Voltage Testing

Laboratory held from April 30<sup>th</sup>, 2023, to May 5<sup>th</sup>, 2023, organized by Pulchowk Campus, Department of Electrical Engineering, supported by the University Grant Commission. Majorly focused on the application

of high voltage engineering and its application, the 5-day training was organized to disseminate different approaches to the test samples related to insulators and high voltage transmission switches. The training was scheduled to give exposure to the laboratory testing of samples, i.e., pin insulators, ceramic insulators, and high-voltage switches. The theoretical portion was covered by Assoc. Prof. Dr.

Basanta Gautam, Assoc.

Prof. Jeetendra Kumar Chaudhary, and Assist. Prof. Shahabuddin Khan and the experimental part were assisted by Er. Ganesh Bhandari and Laboratory Instructor Raju Shrestha. The program provided an opportunity to interact with various resource persons and participants from different constituents and affiliated colleges of IOE and share ideas about different research.





## Workshop on Basic Electronic Circuits

The Department of Electrical Engineering conducted a five-day workshop on "Basic Electronic Circuits" for second-year students (BEL 2078 Batch) from the 28<sup>th</sup> Baishakh to 2<sup>nd</sup> Jestha 2080 (May 11 to 16, 2023). Er. Prasanna Dahal, part-time faculty of the Department of Electrical Engineering, and Shreshuva Maharjan (Teaching Assistant) have conducted the workshop in coordination with Senior Lecturers Er. Naresh Khatri and Er. Dinesh Ghemosu. The whole class was distributed into different groups of six students, who were given hands-on access to the basic electronics

circuit build-up.

The workshop provided students with ample knowledge about useful software through Proteus Software, along with the realization of the hardware. All the students individually managed the basic printed circuit board design and connection of the hardware for the electronic circuits. The workshop concluded with exposure to minor projects and initial circuits related to general electronics. The workshop was conducted to assist the students with their minor projects related to digital logic and electronic devices and circuits.



## Workshop on Basic Electronic Circuits

Er. Rakesh Gwachha and Er. Rupesh Gautam the faculties at the Electrical Engineering Department attended a one-day workshop on the subject Control System conducted by IOE, Pulchowk Campus Curriculum and Instructional Material Development Unit (CIMDU), on April 26, 2023 (13<sup>th</sup> Baishakh, 2080). The resource person, Er. Yubraj Adhikari (Head of Department, Electrical Department, IOE),

demonstrated the teaching methodology and the depth of content delivery to the students on each topic to the subject teachers from all the colleges affiliated with the Institute of Engineering. With the assistance of Er. Sochindra Kumar Roy, there was a proposed draft of the microsyllabus for the subject-control system. There was a proper discussion on the microsyllabus, and all the attendees proposed their respective opinions and views. The discussion also involved question setting, answer sheet evaluation, and marking schemes for control system-based questions in the presence of resource persons. The concluding remarks were drawn through the common approval of the discussed topics and the making of a common framework for teaching methodology and evaluation schemes for all the central and affiliated colleges related to the subjects.



# Participation in various Workshops at IOE

The 'Curriculum and Teaching Methodology Training Program' was organized by the Curriculum and Instructional Material Development Unit (CIMDU), IOE, for a week starting from the 10<sup>th</sup> of Baishak 2080 to the 15<sup>th</sup> of Baishak 2080 to enhance teaching and evaluation standards at the Energy Building of Pulchowk Campus. Participants from various engineering colleges attended the

Sanjay Kumar Sah. Er. Anil Kasula, another subject teacher, attended this session.

Furthermore, on the 15<sup>th</sup> of Baisakh 2080, Er. Ravi Suwal and Er. Prashant Lakhemaru participated in a teachers' training cum workshop focused on curriculum, assignments, evaluation, and examination of engineering drawings. Representatives from different affiliated and private engineering colleges under IOE were also present. The workshop aimed to improve teaching quality and examination fairness by maintaining consistency in course structure and ensuring standard questions.

Similarly, Senior Lecturer Er. Mukunda Lal Pradhanaga took part in a workshop on syllabus revision on May 2<sup>nd</sup>, 2023. The workshop, organized by the university's

'Curriculum and Teaching Methodology Training Program' at IOE. The workshops aimed to enhance teaching and evaluation standards in collaboration with subject experts.

On the first day, a training cum workshop on foundation engineering was conducted under the guidance of Assoc. Prof. Dr. Indra Prasad Acharya and Asst. Prof. Santosh Kumar Yadav. Er. Aanand Kumar Mishra, a senior lecturer from Khwopa College of Engineering participated in this session. The second day featured a workshop on applied mechanics, led by Asst. Prof. Mahendra Raj Dhital and Asst. Prof.

curriculum committee, gathered faculty members from various colleges and departments. Its purpose was to discuss the current syllabus structure, identify areas for improvement, and propose updates to meet the evolving needs of the students.





## Participation of faculty members in a comprehensive workshop on "Data Analysis Using R-Script"

Two of our faculty members, Mr. Bibek Thapa (Lecturer, Department of Civil Engineering) and Mr. Yogesh Bhattarai (Research Assistant, Research & Development Unit), participated in a three-day workshop on "Data Analysis using R-Script" held on the 5<sup>th</sup>, 6<sup>th</sup>, and 7<sup>th</sup> of May 2023. The workshop was organized by Bagiswori College, Bhaktapur, with support from the University Grants Commission (UGC).

Experienced data analysts and R-script experts, Dr. Bijay Lal Pradhan and Mr. Nabaraj Poudyal, led the workshop and provided valuable

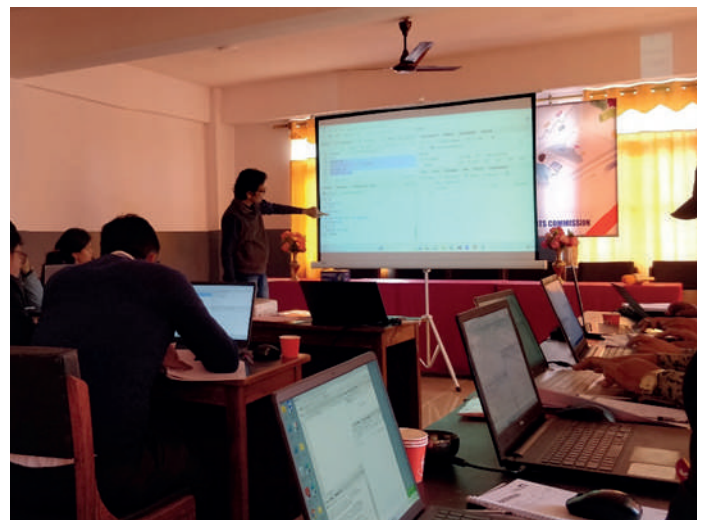
latest developments and trends in the field of data analysis through this comprehensive training.

Our college is dedicated to equipping our faculty members and students with the latest skills and knowledge required to excel in their respective fields. Therefore, we express our sincere gratitude to Dr. Bijay Lal Pradhan and Mr. Nabaraj Poudyal for conducting the workshop and sharing their expertise with our faculty members. We are confident that our faculty members will be able to pass on their newly acquired knowledge and skills to our students, thereby enhancing the quality of our academic programs.

We would like to extend our sincere thanks to Bagiswori College and the University Grants Commission (UGC) for organizing and supporting this valuable workshop. We believe that initiatives like these will go a long way toward achieving our goal of providing our students with the best possible education and preparing them for the challenges of the future. We look forward to future collaborations and initiatives that will further strengthen our commitment to excellence.



guidance and instruction throughout the three-day training program. The workshop was designed to equip participants with the latest tools and techniques in data analysis, with a specific focus on R-script. The training covered various aspects of data analysis, including data structure and linear algebra in R, data organization and manipulation, basic and advanced graphics in R, probability and distribution functions, statistical modeling, regression, and correlation. Our faculty members gained valuable insights into the



## Workshop on Digital Signal Analysis and Processing at IOE, Pulchowk Campus

Institute of Engineering (IOE), Pulchowk Campus, Curriculum and Instructional Material Development Unit (CIMDU), conducted a one-day workshop on the subject of digital signal analysis and processing on April 27, 2023 (14<sup>th</sup> Baishakh, 2080), in which Er. Naresh Khatri and Er. Sunil Kumar Shrestha, Senior Lecturer and Lecturer of Khwopa College of Engineering, attended the program. The resource person, Professor Dr. Shashidhar Ram Joshi (Dean, IOE), demonstrated the teaching methodology and the depth of content delivery to the students on each topic to the subject teachers from all the colleges affiliated with the Institute of Engineering.

With the assistance of Assoc.Prof. Dr. Sanjeeb Prasad Pandey, there was a proper discussion on the microsyllabus, and all the attendees proposed their respective opinions and views. The discussion also involved question setting, answer sheet evaluation, and marking schemes for digital signal analysis and processing-based questions in the presence of resource persons. The concluding remarks were drawn through the common approval of the discussed topics and the making of a common framework for teaching methodology and evaluation schemes for all the central and affiliated colleges related to the subjects.



### Most Circulated Subject on Baishakh 2080

| S.N. | Circulation | Title  |
|------|-------------|--|
| 1    | 338         | Mathematics  |
| 2    | 165         | Mechanics  |
| 3    | 160         | Physics  |
| 4    | 116         | Mechanics Dynamics and Static                            |
| 5    | 100         | Economics Civil Engineering                              |
| 6    | 62          | Sanitary Engineering Environmental Engineering Series-II |
| 7    | 41          | Hydraulics Civil Engineering                             |
| 8    | 33          | Thermodynamics   |