



An Undertaking of Bhaktapur Municipality

Khwopa Engineering College

Affiliated to Purbanchal University

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NEWSLETTER

"Government Responsibility in Education Emphasized at Khwopa Engineering College and Khwopa College of Engineering Annual Day Program"



Chief guest Mr. Narayn Man Bijukchhen, chairman of NWPP, inaugurating opening ceremony by lighting the panas.

20th Magh

Khwopa Engineering College and Khwopa College of Engineering celebrated their 21st and 14th annual day respectively on



Chief guest, Mr. Narayan Man Bijukchhen, the Chairman of Nepal Workers and Peasants' Party (NWPP).

chaired by Sunil Prajapati, Mayor of Bhaktapur Municipality and Chairman of both colleges. The event was graced by the presence of Narayan Man Bijukchhen, the Chairman of Nepal Workers and Peasants' Party (NWPP), as the chief guest.

The program was inaugurated by



Friday, 20th Magh 2079 BS. The program was



Ar. Rajani Joshi, Deputy Mayor and Vice Chairman of both colleges.

Narayan Man Bijukchhen, who lit the Panas, cultural torch, accompanied by cultural flutes played by students. Chairmen Bijukchhen said that we should learn from national and



Professor Sashidhar Ram Joshi (PhD), Dean, Institute of Engineering, Tribhuvan University.

international universities, and emphasized the need for Nepali universities to teach students to struggle through ideas and not through violence.

In his welcome speech, Mayor Sunil



Prajapati highlighted the progress of both colleges and stressed the importance of government responsibility in education. He

stressed that the universities in Nepal must provide quality education to control the trend of students going abroad for higher education.



Mayor Prajapati also praised the performance



Professor Er. Debi Prashad Bhattarai, Dean, Faculty of Engineering, Purbanchal University.

of the colleges that are undertaken by Bhaktapur Municipality.

Guests Surendra Raj Gosain, Member of Parliament, Bagmati Province, Rajani Joshi, Deputy Mayor and Vice Chairman of



both colleges, and Professor Sashidhar Ram Joshi (PhD), Dean, Institute of Engineering, Tribhuvan University, and Professor Er.

Debi Prasad Bhattarai, Dean, Faculty of Engineering, Purbanchal University, also addressed the gathering and praised the performance of Khwopa Engineering College and Khwopa College of Engineering.

The program also included the presentation of annual college progress reports by the respective principals, faculties who had contributed continuously for 10 and 20 years were felicitated, and prizes were distributed to the winners of different sports competitions organized on the occasion of the annual day. Overall, the event was a great success,

highlighting the progress and achievements of both colleges and emphasizing the need for quality education in Nepal.

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"Khwopa Engineering Colleges Celebrate Annual Day with Farewell and Cultural Program, Honoring Graduates and Fostering Educational Revolution"



The chief guest of the farewell and cultural program Mr. Prem Suwal, Secretary, Nepal Workers and Peasants' Party (NWPP), along with other guest and faculty members of both colleges.

21st Magh

Khwopa Engineering College and Khwopa College of Engineering, both established by Bhaktapur Municipality, held their 21st and 14th annual day respectively on 20th and 21st Magh 2079 BS. A farewell and cultural program was organized on the closing



Mr. Prem Suwal, Secretary, Nepal Workers and Peasants' Party (NWPP)



Mr. Sunil Prajapati, Mayor, Bhaktapur Municipality, Chairman of both colleges. day of the event, which was chaired by Sunil Prajapati, Mayor of Bhaktapur Municipality and Chairman of both colleges.

The chief guest of the farewell and cultural program was Mr. Prem Suwal, Secretary, Nepal Workers and Peasants' Party (NWPP) and Member of Parliament, and founding chairman of both engineering colleges. He congratulated



Er. Ratna Shova Prajapati, Vice-Principal of KhCE.

the 439 graduates of both colleges and provided a token of love to them. He also explained the objectives of the establishments of both the



colleges, which were to "intellectualize the whole society by fulfilling the slogan initiated by Narayan Man Bijuckchhen, Chairman of NWPP, 'A graduate in a house' and to establish



Mrs. Srijana Sainju, Bagmati Province Assembly Member.

Bhaktapur as a center of excellence." During his speech, MP Prem Suwal criticized



Er. Rabindra Phoju, Vice-principal, KhEC.

the governing political parties in Nepal, stating that they were proving themselves to be anti-educational forces by not establishing long-awaited Khwopa University. Thousands of students from common strata are deprived of higher education for being costly. Khwopa University, he said, will provide quality education at an affordable cost to them.

The program was also attended by Srijana Sainju, Member of Parliament, Bagmati Province, who commended both engineering colleges for providing opportunities for thousands of students aspiring to be engineers/architects. She went on to state that educational institutes

undertaken by Bhaktapur Municipality are the symbols of educational revolution of NWPP.

Er. Sujan Maka, Principal, Khwopa Engineering College, Er. Sunil Duwal, Principal, Khwopa College of Engineering, and Vice-Principals Rabindra Phoju of KhEC and Ratna Shova Prajapati of KhCE congratulated the graduates and extended their best wishes for a bright future.

The closing ceremony was followed by a cultural program. Current students of both colleges paid tribute to their seniors through musical performances. The annual day of the Khwopa Engineering College and Khwopa College of Engineering was a grand success and a remarkable day for both the colleges.



Congratulations!!!

28th Magh

Mr. Saujan Narayan Shrestha, 2075 Batch, B. Architecture, Khwopa Engineering

College (KhEC), succeeded to secure 1st position in the Global Competition entitled "My Little Dream Home" organized through "ARC!ACE Awards" website. ARC!ACE, based at Canada, is established with the objective of providing platform to exhibit the student or emerging designer.

In the competition, participants had to design the little dream home for the site located at Nelson, BC, Canada complying stipulated terms & conditions.

Winner Mr. Shrestha received 200 Canadian Dollars along with certificate for bagging 1st Prize. The news is featured in the online magazine: <https://arcace.ca/awards/>.

(Undertaking of Bhaktapur Municipality)

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Mr. Saujan Narayan Shrestha

CONGRATULATIONS !

for being first in in the Global Competition entitled "My Little Dream Home" organized through "ARC!ACE Awards" competition.
we wish for his bright future ahead !

www.khec.edu.np, www.pufoe.edu.np, <https://entrance.puexam.edu.np>

Educational Exhibition and Public Awareness Program Held on the 25th National Earthquake Day



Chief guest Mr. Narayan Man Bijkuchhen, along with other guest faculty members of both colleges.

5th Magh

Educational Exhibition and public awareness Program was jointly organized by Khwopa Engineering College (KhEC) and Khwopa College of Engineering (KhCE) in collaboration with Bhaktapur Municipality at



Dattatraya Square, Bhaktapur, on the occasion of 25th National Earthquake Safety Day on 05 Magh 2079. The program was inaugurated by the Chief Guest Narayan Man Bijkuchhen, Chairman, Nepal Workers and Peasants Party. In his inaugural speech, Chairman Bijkuchhen noted that heritage structures constructed with the use of original age-old technology (procedure) have proven to be resilient against earthquakes. He pointed out that many such

structures have survived large earthquakes for centuries, and that their construction techniques could even provide valuable insights to make modern buildings more earthquake resistant.

He also expressed concern that shifting to modern construction technology has led to cities losing their original character. He urged architects and builders to work to preserve the unique heritage and cultural identity of the cities they work in, while also ensuring that modern buildings are safe and sustainable.

Mr. Sunil Prajapati, Mayor of the Bhaktapur Municipality and Chairman of the colleges, delivered a speech at the program highlighting the municipality's efforts to rebuild after the 2015 Gorkha earthquake, which damaged many valuable heritage structures and public houses. Mayor Prajapati noted that while the earthquake was a tragedy, it also provided an opportunity to rebuild a safer and more resilient Bhaktapur city. One of the key points of Prajapati's speech was the importance of applying updated building codes for safer

construction. He noted that the Bhaktapur Municipality has taken a proactive approach to building safety, and has worked to ensure that all new buildings meet strict safety standards. Mayor Prajapati also highlighted the role that education and training play in ensuring safer construction practices. The Bhaktapur Municipality has established two engineering colleges and provides numerous training programs to prepare competent manpower in the region to design and construct buildings that are safe and resilient against earthquakes and other natural disasters.

Mrs. Rudradevi Sharma, CDO, Bhaktapur, expressed that National Earthquake Day is celebrated every year to commemorate the great earthquake of 1990 B.S. She added the



local bodies should take required initiation for conservation of open spaces and public places. Er. Sujan Maka, Principal, KhEC, Er. Sunil Duwal, Principal, KhCE and Er. Ratna Shova Prajapati, Vice-Principal, KhCE, also elaborated the purpose of organizing the program.

The exhibition was part of a wider effort by the Municipality and the colleges to promote the preservation of Nepal's rich cultural heritage. Many of Nepal's historical structures were severely damaged or destroyed in the 2015 Gorkha earthquake, and there is a growing recognition of the need to protect these structures for future generations.

The day-long program aimed to raise awareness among the general public about the

importance of earthquake preparedness and to



educate them on the various measures that can be taken to mitigate the impact of earthquakes. The exhibition featured various displays and interactive exhibits that showcased the science behind earthquakes, the history of seismic activity in the region, and the various measures that can be taken to reduce the damage caused by earthquakes.

The event was well attended by people from all walks of life, including students, teachers, government officials, and members of the general public. Many attendees expressed appreciation for the informative and engaging nature of the program, and expressed a desire to take the lessons learned back to their homes and communities to help them better prepare for earthquakes and other natural disasters.

Overall, the educational exhibition and public awareness program on the occasion of the 25th National Earthquake Day was a resounding success, and a testament to the importance of educating the public on the various measures that can be taken to reduce the impact of earthquakes and other natural disasters.

In addition to the exhibition, national conference entitled "2nd National Conference on Earthquake Engineering" was organized on 6th Magh 2079. The conference covered a range of topics, including the latest research on earthquake engineering, the importance of building codes and regulations, and the role of the public in disaster response.

Third National Conference on Earthquake Engineering- Nepal (3rd NCEE- Nepal)



Chief guest Ar. Rajani Joshi, Deputy Mayor of Bhaktapur Municipality and Vice-chair of the management committee of both colleges, along with principals of both colleges and other faculty members.

6th Magh

Khwopa Engineering College and Khwopa College of Engineering organised the Third National Conference on Earthquake Engineering- Nepal (3rd NCEE- Nepal) on 6th Magh 2079. The national conference is an annual event organised on National Earthquake Safety Day which commemorates the 1990 Nepal-Bihar Earthquake of 2nd Magh 1990. The NCEE promotes the latest research and studies in field of earthquake engineering and aims to act as a forum to share and discuss new findings and advancements in the field.

Inaugurating the conference, Deputy Mayor of Bhaktapur and Vice-chair of the management committee of both colleges, Ar. Rajani Joshi urged the faculty, students and the participants to also focus on the solutions to real-world problems which would eventually benefit the society as well as the country. Principal of Khwopa Engineering College, Er. Sujan Maka pointed out the need of forums of these kinds to share ideas and discuss breakthrough in the field. Coordinator of the conference steering committee Dr. Manjip Shakya welcomed the participants to the conference.

The highlight of the conference was the

keynote presentation of Prof. Dr. Prem Nath Maskey. He discussed the characteristics and importance of Nepali vernacular building technology. He pointed out the need to further research on the traditional structures not only to understand and learn from them but also to be able to strengthen them from impending earthquake disasters.

In the one-day conference, 15 papers were presented that focussed on the different aspects of earthquake engineering, like earthquake hazard and risk assessment, design and construction of earthquake-resistant buildings and infrastructure, post-earthquake response and recovery, etc.

In closing ceremony, Principal of Khwopa College of Engineering Er. Sunil Duwal thanked all the presenters and participants and pointed out that conferences of this kind broaden our insights in different fields of science and technology. Chief guest Ar. Rajani Joshi distributed certificates to presenters, participants, and session chairs to end the conference. The 3rd NCEE- Nepal was a success, and it provided a platform for researchers and students and to share knowledge, exchange ideas, and advance the state of earthquake engineering practice.



ACAE TALK at Khwopa Engineering College



College faculty with guest presenter.

8th Magh

ACAE Talk was held in 22nd January 2022, Sunday at Khwopa Engineering College, organised by Department of Architecture. The presentation was delivered by Ar. Ridha Razak on the topic "Metaverse and Architecture: The future is now" and Ar. Adrianta Aziz on the Topic "Beyond Dimension".

Ar. IDr T's Ridha Razak is a transdisciplinary architect & creativist educated in Australia, Austria, Japan & Malaysia. He is a former chairman of ACYA (Arcasia Committee of Young Architects) representing PAM, Malaysia, from 2019-2021. Currently he is a member of Board of Architects & Technologist, Member of Institutes of Architects, Interior Designers, Planners, Arbitrators, Fire Engineers, and Inspector of works and ICOMOS. The benefits of the metaverse for architecture were the main topic of the lecture. His talk was centred on new forms of perception in the digital age. According to his presentation, "The word metaverse has been a big buzz for the past few months, especially after Mark Zuckerberg's announcement on the transformation of Facebook to META. From as simple as exhibitions, events management, meeting rooms, enhance gamifications, medical adaptations, library data storage to radical applications real estate, casino, mortuary, galaxies, and many more. "Therefore, his talk demonstrated how architects may be involved in this new technology societal need and

investigate the potential of a parallel universe that combines the physical and digital worlds to create new normal trends and progressions.

Ar. Adrianta Aziz is an architect & educator, a partner of AR RAD Architects and ARN Consulting and Training which is the first Architectural training Company in Malaysia. He is the PAM Malaysia Committee chairman for Education for the year 2022-2023 and Chairman of ACAE - ARCASIA Committee Architecture Education. 2022-2023. He also has his own TV programme in Malaysia namely "Project Urban" to educate public regarding the important of place making. The inspiring presentation began with a sincere expression of gratitude for the teachers and mentors. The dynamic and emotional presentation provided insight into the many facets and dimension of architecture. He further elaborated that since architecture serves people, we should never give up on serving them despite of limitation and boundaries. Architecture is a significant artistic endeavour that can also begin from scratch as we have to respect nature and cherish mother earth. It's a process which is crucial in place making. Furthermore he added, teamwork is essential in all aspect of life.

Overall, the presentation was successful in imparting knowledge on architecture and connecting it to the digital world.



PARTICIPATION ON LOCUS 2023

16th Magh

From the 13th to the 16th of Magh 2079, students from Khwopa Engineering College took part in the Locus 2023 event hosted at Pulchowk Campus. Various projects were displayed along with other activities.

A team of students from the Department of Electronics and Communication Engineering participated in three different competitions. Balshara Maka, Gaurab Tamakhu, Gaurav Maharjan, and Keshav Mishra made up the team. They competed in maze solving, robot racing, and robot soccer events. In Robo soccer the team succeeded to be at top 8 position. Similarly, in Maze solving event the team secured 3rd place.

In the event, numbers of projects from several colleges were also displayed. The best project was chosen by the Visitor Voting Method.



College Visit by Chinese Delegates

25th Magh

On 25 Magh 2079, delegates from Zhengzhou Electric Power College, Henan, China, paid a visit to Khwopa Engineering College (KhEC) & Khwopa College of Engineering (KhCE). Er. Sujan Maka, Principal (KhEC) and Er. Sunil Duwal, Principal (KhCE) welcomed the guests at the college premises.

Guo Wei and Chen Ke provided us with a brief introduction of their institution. Liu Zhengwei represented Henan Educational Department and Fan Hua was from Huawei Electric Power Co. Ltd. During the visit possible avenues for further collaboration were discussed, and it was agreed that close correspondence for the same would be initiated from both sides in near future.



Participation on Robo-Soccer at United Academy

27th Magh

On 27th Magh 2079, a team of 6th semester Electronics and Communication



Department students representing Khwopa Engineering College participated in Robo-Soccer competition at United Robotics Fest 1.0, a flagship of United Academy in association with the Robotics Association Nepal (RAN). The team members include Rashi Tamrakar, Roshni Khadka, Monika Rijal, Soni Phaiju and Yojana Sapkota. In Robo-Soccer competition, each team consists of 3 robots. A total of 8 teams participated in the competition.

Participants gained sound experience & widened their ken of knowledge on robotics and its associated competition through the event.

"Teachers and employees who have served continuously for 20 and 10 years respectively are receiving appreciation letters."



Glimpses of Farewell & Cultural Program.



Images from Earthquake Safety Day



Images from 3rd NCEE- Nepal



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