



An Undertaking of Bhaktapur Municipality

Khwopa Engineering College

Affiliated to Purbanchal University

ASAR 2079

ISSUE 3

NEWSLETTER

Orientation of the Students Enrolled for 2078/79 Batch and Felicitation of Outstanding Graduates.



Mr. Prem Suwal, Parliament Member and Secretary of NWPP.

15th Jestha

On 15th Jestha 2079, Khwopa Engineering College and Khwopa College of Engineering jointly organized a formal program in which recently enrolled students at the colleges were rendered orientation and their outstanding graduates (Gold Medalists in their respective academic program of PU and TU) were felicitated along with Rs. 25,000 cash award, with the presence of distinguished guests. At the program, MP Prem Suwal, Secretary of Nepal Workers and Peasants' Party (NWPPP), stated the academic institutions undertaken by Bhaktapur Municipality have been successful in providing quality education at affordable fee.

Mentioning that development has been swiftly achieved in Democratic People's Republic of Korea due to high number of engineers in the country, he assured Bhaktapur Municipality has run engineering colleges after discovering a need of competent engineers in Nepal, too. MP Suwal articulated the possibility of providing MBBS Course at the cost of 15 Lakh rupees if Khwopa University is allowed to establish and run. He remarked Nepal Government has put the cost of MBBS course to be 40 lakh rupees, but the cost has reached 70 lakh rupees, while in practice, and it has become inaccessible to the people from the common strata.



Mr. Sunil Prajapati, Mayor of Bhaktapur Municipality.



Ar. Rajani Joshi, Deputy Mayor of Bhaktapur Municipality.



Ward Presidents of Bhaktapur Municipality in front row.



Mr. Rabindra Jyakhwo, Presidents of Bhaktapur Municipality, ward no. 9

MP Suwal spoke of an essentiality of revolution for the sake of service to the people and country. He addressed with regard to thought and philosophy, people's representatives belonging to a party and independent people's representatives are vastly different from each other. Mayor of Bhaktapur Municipality Sunil Prajapati, Chairman of College Management Committee, voiced that the Municipality has been running engineering colleges to produce competent engineers dedicated to country and people providing affordable and quality education. He further affirmed that the only interest of people's representatives is to serve people as much as possible. Mentioning Bhaktapur Municipality has been recognized as outstanding municipality of the country, Mayor Prajapati regretted that Nursing College run by the municipality has not been allowed to continue with new intake in the running academic session. He also insisted that Khwopa Hospital should be allowed, without any delay, to run. Mayor Prajapati expressed his worries about Nepal Government still not being wise enough to not bring a situation like Sri-Lanka to the country.

Deputy Mayor of Bhaktapur Municipality Ar. Rajani Joshi, Vice-Chairperson, College Management Committee, noted Bhaktapur Municipality has been conducting academic institutions to intellectualize the society and the municipality in advancing its work as per the philosophy of "Bhaktapur after a century". Mr. Rabindra Jyakhwo, Chairman of Ward-9, Bhaktapur Municipality, revealed that academic institutions have been run with the initiation and involvement of People's representatives of the Nepal Workers and Peasants' Party. He demanded that the engineers graduated from the colleges should be competent, honest and loyal to the country and people. At the same program, Er. Sujan Maka, Principal of Khwopa Engineering College and Er. Sunil Duwal, Principal of Khwopa College of Engineering expressed their beliefs that students of the respective college will eventually emerge as competent engineers/architects after their four years long or five years long course on the grounds that faculty and staff are working hard continuously in tandem with other stakeholders of the colleges for the same.

Architectural Thesis Exhibition 2079



Mr. Sunil Prajapati, Mayor, Bhaktapur Municipality inaugurating Architecture Thesis Exhibition.

24th Jestha

Department of Architecture organized a one-day "Thesis Exhibition" on 23rd Jestha 2079 in Block-A of Khwopa Engineering College. The exhibition was inaugurated by the Mayor of Bhaktapur Municipality and the Chairman of the College Management Committee Mr. Sunil Prajapati followed by detailed observation and interaction with exhibitors. The Deputy Mayor of Bhaktapur Municipality and vice-chairperson of College Management Committee, Ar. Rajani Joshi along with ward members from Bhaktapur municipality, principals, vice principals, department heads, section heads, and teaching and non-teaching staff of both colleges had also made their gracious visit to the exhibition.

The thesis is the final year project of 5 years Bachelor in Architecture course where individual students carry out one design project as the reflection of their entire academic period. There was a total of 43 theses exhibited in the program which include drawing sheets and models of vivid projects by the 2016 batch students of architecture.

The final defence of the thesis was held on 18th Jestha 2079. It is our trend to exhibit students' theses every year after the defence. The exhibition became a source of learning for students from various departments within the college and also other schools and colleges.

The exhibition was concluded with certificate distribution to exhibitors by Principal Er. Sujan Maka and best wishes to students for their future endeavours as architects.



Deputy Mayor, Ar. Rajani Joshi observing Exhibition.

Talk Program on Effect of Cyclic Loading Precast Structures



Dr. Satish Poudel, Guest speaker and the participants at the Talk Program on Effect of Cyclic Loading Precast Structures.

8th Jestha

Postgraduate Department of Earthquake Engineering and R&D Unit organised a guest lecture by Dr. Satish Paudel on "Experimental and numerical studies on precast L-plate encased composite column and wide U beam-column joints under cyclic loading" was organized on 8th Jestha 2079. Dr. Paudel completed his PhD from Sirindhorn Int'l Institute of Tech, Thammasat University and is working as Senior Lecturer at National College of Engineering. In the program he discussed about his research on effect of cyclic

loading on precast composite structures and their joints. He also talked about the 3D concrete printing technology and on the avenues the new technology has opened for further research. The talk program was attended by with students of ME Earthquake Engineering second and fourth semesters. Associate Prof. Manjip Shakya, Senior Lecturer Subeg Bijukchhen and Er. Amit Prajapati were also present during the talk program. Senior Lecturer Subeg Bijukchhen presented Dr. Paudel with token of love on behalf of the college.

Second Assessment Exam Successfully Completed

8th Jestha

From 8th of Jestha 2079, second assessment of all even semester of all running year has been successfully completed. on 8th of Jestha, first day of assessment, about 891 students get involvement in exam for their evaluation and betterment of study, which was the highest number of students participated in assessment. The least number of students participated was 434 as routine of exam schedule. As a whole 268 numbers of lecturer and staff members get involvement in assessment.

Every faculty member of college make wise participation to get success and make assessment successful. All the students also actively participated as the assessment would evaluate their knowledge and will help them for upcoming board examination. Exam section of Khwopa Engineering College would like to deliver a huge thanks for participation of all the students, teacher, lecturer, professor and staff of the college for the betterment and success of second assessment of all even semester of all program.

Meeting with International Researchers

12th Jestha

Principal of Khwopa Engineering College Er. Sujan Maka and Principal of Khwopa College of Engineering Er. Sunil Duwal hosted a meeting with a team of international researchers at the college on Jestha 12. The researcher team consisted of Dr. Paul W Burton, Emeritus Reader at University of East Anglia, UK, Dr. Giorgia Giardina, Delft University of Technology, Netherlands, Dr. Micheal Whitworth, Associate Director at AECOM Consulting Firm, and Dr. Valentina Macchiarulo, Postdoc Researcher, Delft University of Technology, Netherlands. They were welcomed to college premises by Dr. Manjip Shakya, HoD, Postgraduate Department of Earthquake Engineering. There were discussions regarding earthquake and different geo-disaster of Nepal and how further research could be conducted in these fields. The possibility of future collaborations between Khowpa and different universities were also discussed during the meeting. The team visited the college premises and observed (Master in Earth quake Engineering) MEQ students conducting experiments. Coordinator of R&D Unit, Dr. Subeg

Bijukchhen and Research Assistant Er. Sasin Prajapati were also present in the meeting. The researchers are members of Earthquake Engineering Field Investigation Team (EEFIT), a joint venture of universities and industries that conducts field investigation following any major earthquakes. The researchers had visited Nepal after the 2072 Gorkha Earthquake to study the damage to monuments and structures and this visit was to follow up on the post-earthquake constructions of those monuments and structures. After the meeting, the team visited different sites in Bhaktapur as the part of the field investigation.



International Researchers with College family.

Participation in Biomedical Training

26th Jestha

Students from the Department of Electronics & Communication Engineering participated in 5 days training for Biomedical Engineers organized by Mission Oxygen Team (MOT). The training was held from 16 to 20 Jestha 2079 with the objective of mitigating the health care challenges posed by the Covid-19 pandemic in Nepal. Students studying Biomedical Engineering as an Elective Subject in the 8th semester gained knowledge on different medical equipment and procedure including ICU, Operation Theater, Dental Equipment, Medical Imaging equipment, X-ray, Clinical Pathology etc.

Students also acquired knowledge and experience from Biomedical Engineers engaged in different hospitals in Nepal.



Trainers and trainee of Biomedical Training.

PU Dean Visited KhEC



Prof. Er. Devi Prasad Bhattarai, dean Faculty of Engineering, PU with KhEC family.

26th Jestha

On 26th Jestha 2079, Prof. Er. Devi Prasad Bhattarai, Dean, Faculty of Engineering, Purbanchal University, visited Khwopa Engineering College (KhEC). During his visit, Dean Bhattarai briefed KhEC family on different ongoing activities in the University including the syllabus revision process, new evaluation system, academic calendar, etc.

Er. Sujan Maka, Principal, KhEC, presented views on the issues on behalf of

the college. He requested the Dean Bhattarai for strict adherence to the academic calendar designed by PU and suggested for a sound monitoring mechanism for this purpose. Er. Rabindra Phoju, Vice-Principal, & Er. Ganesh Ram Dhonju, Exam Section Head, informed the Dean about different issues and problems that affiliated colleges and students have been facing with.

Participation of KhEC in “The Startup & Idea Fest 2022”.

26th Jestha

The Startup & Idea Fest 2022 jointly organized by Living with ICT and ICT Foundation Nepal has been concluded with a resounding success in Bagmati Province on the 30th of May, 2022.

Sanuj Shah, Ashish Dahal and Sanjeev Shrestha from B.E. Electronics and Communication Eight Semester, Khwopa Engineering College exhibited the project “AUTONOMOUS DELIVERY DRONE” and presented their vision and mission at the fest. The drone designed to deliver medicines in remote areas of Nepal succeeded in attracting many investors. More than 35 startups took part in the fest held in Chitwan Midtown Resort.

Likewise, 25 startups and innovators presented their businesses and ideas during Idea Pitching, Mentoring, and Experience Sharing sessions at the fest.



Mr. Sanoj Shah, KhEC student at "The Startup & Idea Fest"

Appoinmets of Class Representatives.

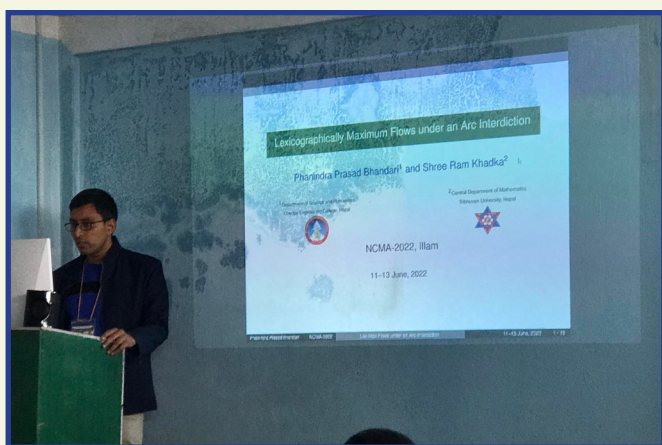
27th Jestha

On 27 and 30 Jestha 2079 vice principle Er. Rabindra Phoju, coordinator, students counselling committee, visited five different classes of first year first semester students of four different programs in the college. While speaking to the students vice principle Phoju paid special attention to the feedback from them. He presented appointment letter along with terms of reference (TOR) to the class representatives of each class. He also address the issues raised by the students while counseling them in the same visit. According to the merit list of entrance conducted by PU, the class representative of Civil AB and Civil CD are Mr. Mohan D.C. and Mr. Purushwotam Neupane respectively. Class representatives appointed for Architecture are Ms. Niki Kumari Yadav and Ms. Shreni Dahal respectively. Similarly Mr. Saurav Dhoju have been selected as class representative of Computer Engineering and Ms. Debaki Shrestha is selected as class representative of Electronics Communication and Automation Engineering program. The counseling committee has collected problems and issue in each class for further action to be taken by the committee and college administration.

Dr. Phanindra Prasad Bhandari Attended First APORS youth forum as Guest Speaker

30th Jestha

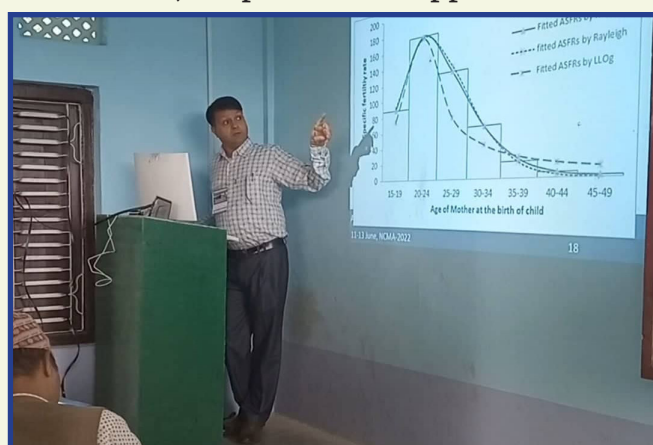
Dr. Phanindra Prasad Bhandari, Senior Lecturer at Department of Science and Humanities, Khwopa Engineering College, gave a talk in the First APORS Youth Forum organized by Association of Asia Pacific Operational Research Societies (APORS), on 26-27 April, 2022 as an invited speaker. The topic of his talk was “Network Contraflow Problem with Intermediate Storage Capability: Evacuation Planning Perspective”. The Forum was co-organized with Operations Research Society of China (ORSC) though online mode.



Participation of KhEC faculty in National Conference on Mathematics & its Application.

30th Jestha

The college sent its two faculty members, Dr. Phanindra Prasad Bhandari and Mr. Arjun Kumar Gaire, from the Department of Science and Humanities, to present their research findings in the National Conference on Mathematics and its Application (NCMA-2022). The conference was organized by Nepal Mathematical Society and was held on 28th, 29th and 30th of Jestha, 2079 in Ilam. Dr. Bhandari presented on the topic “Lexicographically Maximum Flows under an Arc Interdiction” and Mr. Gaire presented on the topic “Rayleigh Generated Log-logistic Distribution, Properties and Applications”.



"Project Digital SHE" Successfully Completed

31th Jestha

A 5 days training on Robot Making, Hardware Programming, 3D Printing and Drone Making was successfully conducted at Khwopa Engineering College from 27th Jestha to 31st. There were a total of 30 participants of which around 12 were students of Khwopa Engineering College and 14 were students of Khwopa College of Engineering and the rest were from other engineering and IT colleges. The program Project Digital SHE "Strengthening Her Digital Equality" was jointly organized by Robotics Association of Nepal and the Ministry of Social Development, Bagmati Province Government. The chief guest in the inauguration program, Principal Er. Sujan Maka expressed concern on less female personnel/engineers in the country and the

world as well. He expressed joy over the fact that KhEC has been a pioneer hub in producing capable female engineers. VP Rabintra Phoju shared insights about the recent technological trends in the world and urged all the participants to make most out of the program.

The program on the closing day was accompanied by Principal and vice Principal of Khwopa College of Engineering Er. Sunil Duwal and Er. Ratna Shova Prajapati. Principal Duwal congratulated all the participants of the program for the successful completion of the training. VP Prajapati gave away the participatory certificates to all the participants. Khwopa is always seen motivating its students and also tries its best to support individual students in building their careers in different engineering fields.



Publication of Journal of Science & Engineering

30th Jestha

Journal of Science and Engineering - Vol.-9 (JScE – Vol.-9), a joint publication of Khwopa Engineering College and



Khwopa College of Engineering, has been published. A total of seven research articles from different fields of science and engineering are included in this volume.

Download Link:

<https://jsce.com.np/issues.aspx?VolumeNo=9&Date=September%202021>

<https://elibrary.khec.edu.np/handle/123456789/195>

A Team of Faculties from Purbanchal Campus Visited KhEC

30th Jestha

On 26th Jestha 2079, a team of faculties from Purbanchal Campus, Institute of Engineering, Tribhuvan University visited Khwopa Engineering College. The team was led by Er. Om Prakash Dhakal (Campus Chief) and accompanied by Er. Binay Lal Shrestha (Assistant Campus Chief and former faculty of KhEC), Er. Manoj Kumar Guragai (Head, Department of Electronics and Computer Engineering), Er. Tantra Nath Jha (Head CIT) and Er. Anil Verma (Lecturer). Various aspects of teaching, learning and evaluation systems in Engineering Education were discussed during their visit to the college.



Team of Purabanchal Campus with KhEC family.

Glimpses of Orientation and Felicitation Program





Glimpses of Architecture Thesis Exhibition.



हार्दिक बधाई तथा शुभकामना !



सुनिल प्रजापति
नगर प्रमुख



रजनी जोशी
उप प्रमुख

वडा १



राममदन खत्री वडा अध्यक्ष
कमलाम शिल्पाकार महिला वडा सदस्य
नंजनाश्री बनवु वडा सदस्य
सुरीप्रसाद श्रेष्ठ वडा सदस्य

वडा २



हरिप्रसाद बस्न्यु वडा अध्यक्ष
नकुलीना लामा महिला वडा सदस्य
सुबेरेल कोजू वडा सदस्य
रमान सुन्दर शर्मा वडा सदस्य

वडा ३



राजकुमार शर्मा वडा अध्यक्ष
सुमिता शर्मा महिला वडा सदस्य
कृष्णमोहन श्रेष्ठ वडा सदस्य
राजकुमार शिल्पाकार वडा सदस्य

वडा ४



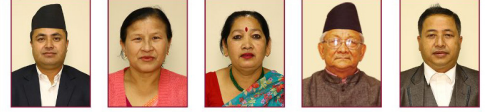
जयेश सुवाल वडा अध्यक्ष
विष्णुशर्मा दुवाल महिला वडा सदस्य
कृष्णसुन्दर प्रजापति वडा सदस्य
पुष्पोत्तम ताम्बा वडा सदस्य

वडा ५



सोमेश्वर श्रेष्ठ वडा अध्यक्ष
रिसा फारिदाम शर्मा महिला वडा सदस्य
रविना शर्मा महिला वडा सदस्य
कृष्णकरी श्रेष्ठ शर्मा वडा सदस्य
महाशुभराज शर्मा वडा सदस्य

वडा ६



हरिहर सुवाल वडा अध्यक्ष
रोशनीका सुवाल महिला वडा सदस्य
रिनादेवी शर्मा महिला वडा सदस्य
मोहन सुवाल वडा सदस्य
सिद्धिमान शर्मा वडा सदस्य

वडा ७



अशोक शर्मा वडा अध्यक्ष
रञ्जना शर्मा महिला वडा सदस्य
हरिहर शर्मा वडा सदस्य
हेम शर्मा वडा सदस्य

वडा ८



कृष्णप्रसाद श्रेष्ठ वडा अध्यक्ष
सुमिता श्रेष्ठ महिला वडा सदस्य
कृष्णमोहन शर्मा वडा सदस्य
रामसुन्दर शर्मा वडा सदस्य

वडा ९



रविन्द्र शर्मा वडा अध्यक्ष
शेखरीका श्रेष्ठ महिला वडा सदस्य
इन्द्रनारायण शर्मा वडा सदस्य
जयसुन्दर शर्मा वडा सदस्य

वडा १०



सुशीलका शर्मा वडा अध्यक्ष
सरो शर्मा महिला वडा सदस्य
विष्णुका शर्मा महिला वडा सदस्य
कृष्णमोहन श्रेष्ठ वडा सदस्य
सिद्धिमान शर्मा वडा सदस्य

२०७८ वैशाख ३० गते सम्पन्न स्थानीय तहको निर्वाचनमा निर्वाचित हुनुभएका भक्तपुर नगरपालिकाका सम्पूर्ण जनप्रतिनिधिहरूमा हार्दिक बधाई तथा कार्यकाल सफलताको शुभकामना व्यक्त गर्दछ।

खवप इन्जिनियरिङ्ग कलेज परिवार



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