



## A College Visit by Honorable Parliamentarians of the National Assembly, Legislation Management Committee

The honorable members of the National Assembly Legislation Management Committee, led by Chairman Jayantidevi Rai, visited Bhaktapur Municipality, including this college and Khwopa Engineering College, on Wednesday, 13th Asar 2080. The purpose of the visit was to exchange experiences regarding the law-making process at the state and local levels and to observe the good practices of Bhaktapur Municipality.

The committee members were warmly welcomed by Mr. Sunil Prajapati, the Mayor of Bhaktapur Municipality and Chairman of the College Management Committee.

Following the observation visit, a program was held where Chairman Jayantidevi Rai expressed her appreciation for the commendable work done by Bhaktapur Municipality in the fields of education, health, and heritage reconstruction. She also highlighted Bhaktapur's development as a study ground and emphasized the importance of corruption-free governance and transparency.

Mayor Sunil Prajapati, in his remarks during the program, emphasized Bhaktapur Municipality's

commitment to establishing a socialist-oriented system as envisioned by the constitution. He discussed the challenges of implementing federalism and stressed the need for empowering the local level according to the spirit of the Constitution. He also informed the audience about the municipality's efforts in preparing and implementing necessary laws, rules, procedures, and guidelines, including the preparation of 56 laws thus far.

During the program, Mayor Sunil Prajapati mentioned that Bhaktapur Municipality is taking necessary initiatives for the operation of Khwopa University. He informed the audience that the municipality is currently in the process of constructing the required physical infrastructure to establish the university.

If the municipality receives permission to operate a university, Mayor Prajapati expressed the goal of establishing a medical college that offers MBBS education at an affordable cost. He emphasized the importance of allowing competent local levels to establish universities, indicating the municipality's readiness to take on the responsibility of providing

quality education in the medical field.

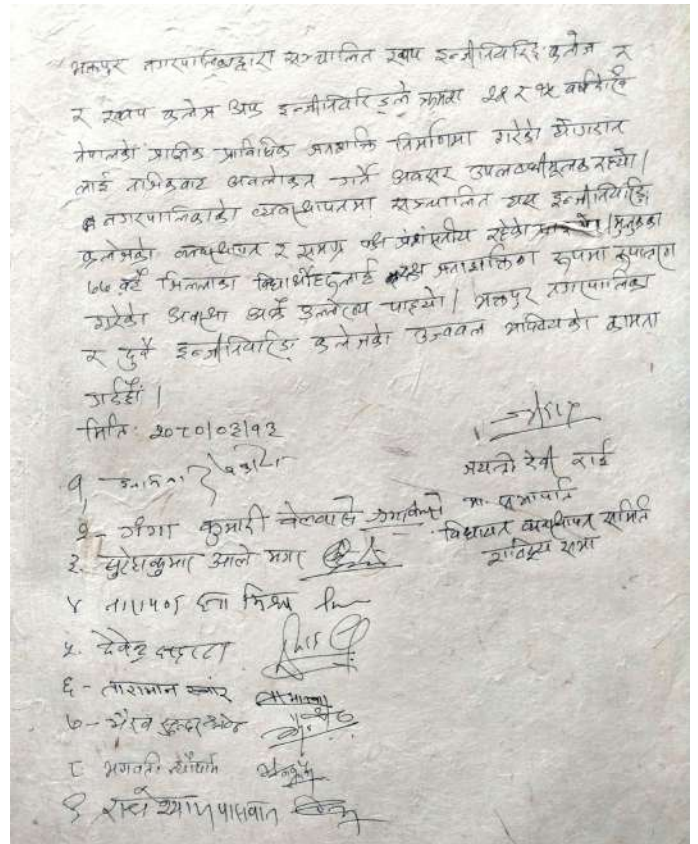
The principals of Khwopa Engineering College, Er. Sujan Maka, and Khwopa College of Engineering, Er. Sunil Duwal provided detailed information about the history, purpose, facilities, organizational structure, student enrollment, faculty and staff, subjects, and fee structures of the engineering colleges run by Bhaktapur Municipality.

During their visit, the committee members also had the opportunity to visit Khwopa College, Khwopa College of Law, Khwopa Hospital, and other institutions operated by Bhaktapur Municipality.

As a gesture of appreciation, Mayor Prajapati presented the college's publications as a gift to Honorable MP Rai. The study visit was attended by several members of the Legislation Management Committee: Hon. Uday Bahadur Bohra, Hon. Khimlal Devkota, Hon. Ganga Kumari Velvase, Hon. Taraman Swar, Hon. Devendra Dahal, Hon. Narayan Dutt Mishra, Hon. Bhagwati Neupane, Hon. Bhairav Sundar Shrestha, Hon. Radheshyam Paswan, Hon. Suresh Kumar Alemgar, Hon. Anita Devkota, deputy secretary of the committee Numraj Khanal, and authorized employees of the federal secretariat.

Ar. Rajani Joshi, the Deputy Mayor of Bhaktapur Municipality and the Vice Chairman of

the College Management Committee, and Bhaktapur Municipality Ward No. 9 ward president, Mr. Rabintra Jyakhwo, and other municipality and college officials were present during the visit.



# Exploring Geological Challenges and Solutions: A Field Visit to Malekhu, Dhading District for Third Semester Civil Engineering Students

Khwopa College of Engineering recently commenced an educational field visit to Malekhu in Dhading District from 10<sup>th</sup> Asar to 13<sup>th</sup> Asar, 2080 for the students in the third semester of civil engineering. As a regular course work in engineering geology, it was organized by the Department of Civil Engineering. It was led by senior lecturers Dr. Subeg Man Bijukchhen and Mr. Nirmal Kafle, along with lecturers Er. Anil Kasula and Er. Prasant Lakhemaru. The fieldwork provided hands-on experience in engineering geology and enhance students' comprehension of geological aspects relevant to civil engineering projects.

Malekhu area is one of the ideal destinations due to its renowned geological diversity and challenging topography, offering an excellent opportunity for students to witness and comprehend real-world geological complexities.

During the visit, the students actively participated in various activities related to engineering geology. They analyzed formations, studied rock

behavior, and examined the impact of natural forces on the terrain. They were able to apply their academic knowledge to observe and analyze various geological formations, identify different types of rocks, and study river morphology. In a nutshell, it is expected that the practical experiences gained during the geology fieldwork will contribute to the professional development of the students



# "Recognizing Excellence: Token of Appreciation Distribution and Experience Sharing Program for Civil Engineering Achievements"

On the 29<sup>th</sup> of Asar, 2080, the Khwopa College of Engineering's Department of Civil Engineering organized a special event called "Recognizing Excellence: Token of Appreciation Distribution and Experience Sharing Program." The purpose of this event was to acknowledge and celebrate the outstanding achievements of students in various civil engineering competitions.

During this event, tokens of appreciation were awarded to exceptional students who emerged as winners in several competitions. These included the AADHAR 2079 BE intercollege model competition, the Paper Bridge competition organized by CESS Nepal IOE Pulchowk campus, and the Geotechnical Model Competition 2023 on 1st Geomandu organized by the Nepal Geotechnical Society. These tokens served as tangible recognition of their remarkable accomplishments and unwavering dedication.

The students had the privilege of receiving an inspiring message from Er. Sunil Duwal, the Principal of the college. He shared valuable insights about the institution's enduring commitment to fostering student participation in such programs. He

also highlighted the remarkable journeys of inspiring alumni who actively engaged in such competitions and activities, conducted groundbreaking research, and eventually worked as prominent researchers in those fields.

Er. Ratna Shova Prajapati, the Vice Principal of the college, delivered a motivating speech during the event. She urged the students to actively participate in similar enriching programs and encouraged them to embrace the opportunities for growth and excellence. The event began with an introductory speech by Er. Ramesh Bala, the head of the Civil Engineering Department, set the stage for the inspiring stories that followed.

The program also featured the experience shared by students who received awards, namely Miss Riya Kadel, Mr. Pranjali Pun Purja, and Miss Shresha Dahal. They graciously shared their remarkable experiences, recounting the intricate process of model-making and the thrill of participating in the competitions. Their stories provided valuable insights and served as a wellspring of inspiration for their fellow students in attendance.



Name of Team	Team Members
Mitigating measures of landslide in hill slope	Shrisha Dahal
	Sweety Phasikawa
	Saroz Sakhakarmi
	Suman Baidhya
	Unique Sakhakarmi
Paper bridge competition	Yaman Shrestha
	Pranjali Pun Purja
	Pregi Khadka
	Raj Kumar Shahi
Reduction of sloshing effect in water bodies through damping	Ravi Kumar Thakur
	Riya Kadel
	Riya Shrestha
	Rohan Maharjan
	Shrija Guragain
	Sanjaya Sejuwal



# "Unlocking the Potential: Guest Lecture Explores the Digital Economy's Impact on National Competitiveness"

On Asar 27, 2080, the Department of Electrical Engineering at Khwopa College of Engineering organized an insightful guest lecture titled "Digital Economy: Relevance, Capacity, and Competitiveness." The distinguished guest speaker, Er. Jagadish Rouniyar, an expert from the Ministry of Health and Population, captivated the audience with an illuminating session on the state of the digital economy in the nation.

The lecture exclusively targeted Bachelor's in Electrical Engineering students from the Fourth Year (BEL 2076) and Bachelor's in Computer Engineering students from the Fourth Year (BCT 2076).

Er. Jagadish Rouniyar delved into thought-provoking data and statistics, shedding light on the vital role played by the digital economy in the nation's overall competence and development.

Throughout the session, Mr. Rouniyar shared valuable insights, covering everything from the basics of the digital economy to the astounding effects and outcomes relevant to his field of study, including the current state of digital policies and their development. An essential focus of his discussion was the impact of emerging digital technologies and their integration

into the national economy, particularly how they will influence the sustainability and growth of the country's economy.



The attendees, comprising students and faculty members, actively engaged in the lecture, fostering a vibrant and dynamic atmosphere. Mr. Rouniyar's expertise and captivating presentation style further heightened the enthusiasm among the participants.

The guest lecture served as an eye-opening experience, emphasizing the importance of embracing digital transformation and harnessing the potential of digital technologies for the nation's competitiveness on a global scale. The insights gained during the session are sure to inspire the students to explore innovative solutions and contribute to the advancement of the digital economy in Nepal.



# "Empowering Academic Excellence: Scholarships for Talented and Underprivileged Students"

We are delighted to announce the list of students who have been selected for the talented and underprivileged Students Scholarship for the academic year 2079/80. Congratulations to all the deserving recipients!

We believe that this scholarship will provide valuable support to aid you in your academic journey. It is our sincere hope that this financial assistance will

empower you to excel in your studies and achieve your academic goals.

We extend our heartfelt congratulations once again to all the scholarship recipients. Your commitment to education and determination to succeed serve as an inspiration to the entire college community.

## 2079 Batch

S.N.	CRN	Student's Name
1	KCE079BCE003	Aastha Gora
2	KCE079BCE005	Aayusha Makaju
3	KCE079BCE013	Arvit Sitikhu
4	KCE079BCE015	Ashish Pandey
5	KCE079BCE018	Ayush Twati
6	KCE079BCE020	Biraj Prajapati
7	KCE079BCE034	Krishna Yadav
8	KCE079BCE039	Mandip Shrestha
9	KCE079BCE060	Rajababu Jayswal
10	KCE079BCE065	Rojan Byanju
11	KCE079BCE071	Sajan Gora
12	KCE079BCE072	Salina Suwal
13	KCE079BCE074	Samir Bajagai
14	KCE079BCT021	Chandish Sipai
15	KCE079BCT037	Samyog Dubey
16	KCE079BCT041	Simran Lage
17	KCE079BCT042	Sneha Chaulagain
18	KCE079BCT047	Sunayan Duwal
19	KCE079BEL006	Birendra Dhakal
20	KCE079BEL014	Prashant Shrestha
21	KCE079BEL027	Simran Bhujel

## 2078 Batch

S.N.	CRN	Student's Name
1	KCE078BCE008	Anil Suwal
2	KCE078BCE010	Archana Dhoju
3	KCE078BCE013	Arun Ukheda
4	KCE078BCE034	Dinesh Sharma
5	KCE078BCE042	Lasata Ulak
6	KCE078BCE048	Rajesh Basnet
7	KCE078BCE049	Nishan Gaida
8	KCE078BCE053	Prakash Poudel
9	KCE078BCE054	Pranita Basnet
10	KCE078BCE055	Prashant Deshemaru
11	KCE078BCE062	Rashmi Gothe
12	KCE078BCE063	Rasil Tamakhu
13	KCE078BCE066	Ronish Lawaju
14	KCE078BCE068	Roshani Gora
15	KCE078BCE079	Selina Hyounmikha
16	KCE078BCE088	Sumina Twati
17	KCE078BCT014	Gaurab Thusa
18	KCE078BCT027	Neha Khadgi
19	KCE078BCT031	Roheet Basukala
20	KCE078BEL004	Anil Mainali
21	KCE078BEL040	Sujal Gumanju

**2077 Batch****2076 Batch**

S.N.	CRN	Student's Name
1	KCE077BCE003	Anish Lageju
2	KCE077BCE010	Bhabuk Raj Bhattarai
3	KCE077BCE016	Bishal Acharya
4	KCE077BCE027	Kabin Prajapati
5	KCE077BCE034	Manoj Sujakhu
6	KCE077BCE038	Neha Dhukhwa
7	KCE077BCE047	Pratik Rai
8	KCE077BCE050	Ram Bahadur Khadka
9	KCE077BCE052	Rija Jonchhe
10	KCE077BCE053	Rijan Adhikari
11	KCE077BCE055	Rupesh Kawan
12	KCE077BCE062	Salina Suwal
13	KCE077BCE070	Sarita Bakhunchhe
14	KCE077BCE081	Sujita Nakhan
15	KCE077BCE090	Unique Sakhakarmi
16	KCE077BCE091	Urbee Suwal
17	KCE077BCE096	Yash Rajchal
18	KCE077BCT021	Nashim Dyola
19	KCE077BCT022	Nimeesh Shrestha
20	KCE077BCT032	Sanjib Shah
21	KCE077BCT042	Sushil Rijal
22	KCE077BCT044	Tisa Pakwan
23	KCE077BCT048	Yurika Prajapati
24	KCE077BEL006	Bholendra Karki

S.N.	CRN	Student's Name
1	KCE076BCE005	Aenish Dyopala
2	KCE076BCE008	Anish Sulu
3	KCE076BCE023	Bikash Lage
4	KCE076BCE028	Binit Shrestha
5	KCE076BCE041	Karina Dumararu
6	KCE076BCE046	Liza Ghaju
7	KCE076BCE049	Minu Gosai
8	KCE076BCE053	Nishan Duwal
9	KCE076BCE066	Rashila Duwal
10	KCE076BCE068	Rejee Shilpakar
11	KCE076BCE075	Rukesh Dhoju
12	KCE076BCT003	Abhishek Hyangol
13	KCE076BCT007	Anuj Gaida
14	KCE076BCT021	Niru Dhaubanjari
15	KCE076BCT031	Rocky Suwal
16	KCE076BEL013	Deepa Bhattarai
17	KCE076BEL019	Madhav Kafle
18	KCE076BEL026	Om Shankar Yadav
19	KCE076BEL037	Sandip Timsina
20	KCE076BEL041	Shiksha Bhusal
21	KCE076BEL046	Umesh Dyopala
22	KCE076BEL047	Urusha Kisi



## "Empowering Minds: Khwopa College of Engineering Hosts Successful Stress Management Workshop"

On Asar 30, 2080, Khwopa College of Engineering organized a one-day Workshop on "Stress Management" to equip students from the second, third, and fourth years of Civil Engineering, Electrical Engineering, and Computer Engineering with valuable tools to address and cope with stress. The workshop featured Dr. Sudan Karmacharya, a distinguished psychiatrist, as the resource person, who provided an insightful overview of stress management, its origins, and its impact on mental health.

Throughout the session, Dr. Sudan Karmacharya drew from his extensive medical experience to address general queries related to students' stress and mental well-being. His engaging presentation resonated with the participants, offering a simple and realistic understanding of stress and effective strategies to manage it.

The workshop proved to be a source of motivation for students who have been grappling with the pressures of academics and other mental health challenges. Dr. Karmacharya's guidance encouraged attendees to proactively tackle stress-related issues, both mentally and clinically.

The event also included group discussions and an in-person inquiry session, facilitating effective counseling and providing a safe space for participants to openly address their concerns.

Overall, the workshop was highly beneficial, equipping students with practical tools to manage stress and promoting a healthier approach to handling academic and personal challenges. Khwopa College of Engineering's commitment to fostering the well-being of its students through such workshops reinforces its dedication to nurturing a supportive and thriving academic environment.



### Most Circulated Subject on Asar 2080

S.N.	Circulation	Title
1	286	Mathematics
2	128	Physics
3	94	Mechanics Dynamics and Static
4	69	Mechanics
5	47	Fluid Mechanics Civil Engineering
6	32	Water Supply Engineering Environmental Engineering
7	17	Engineering Thermodynamics
8	9	Basic Electrical Engineering

# 3<sup>rd</sup> International Conference on Earthquake Engineering and Post Disaster Reconstruction Planning

(3<sup>rd</sup> ICEE-PDRP 2023), 17<sup>th</sup>-19<sup>th</sup> Oct 2023



## Call for Papers

### Themes

- Engineering Seismology
- Geotechnical Earthquake Engineering
- Assessment, Analysis, and Retrofitting of Structures
- Analysis, Design, and Design Criteria of Structures
- Non-structural Components
- Damage, Vulnerability, and Risk Assessment
- Dynamic Characterization and Structure Health Monitoring
- Infrastructure and Lifeline Systems
- Social, Cultural and Economic Aspects
- Lesson Learnt from Past Earthquakes
- Temporary Shelter
- Reconstruction Issues in Historic Towns
- Reconstruction Issues in Urban Settlement
- Information Management in Pre and Post Disaster Scenes
- Open space/ Evacuation space-Use and Planning
- Communities and Relief works
- Stake holders and Partnership in Reconstruction
- Government Policies and Strategies
- Relocation/ Regeneration/ Settlement Planning
- Conservation and Restoration of Heritage Structures
- Disaster Risk Management of Heritage Sites
- Integration of DRR into Urban Design and Planning
- Incentives for Disaster Resilient Reconstruction
- Earthquake Disaster Risk Mitigation
- Reconstruction Issues in Rural Areas
- Reconstruction and Resource Management
- Human Behaviour of Affected Individual and Community in Disaster Situations

### Key Dates

Abstract Submission : 15<sup>th</sup> June 2023

Notification of Acceptance date : 30<sup>th</sup> June 2023

Camera Ready Paper : 15<sup>th</sup> September 2023

Early Bird Registration 15<sup>th</sup> September 2023



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# International Conference on Technologies for Computer, Electrical, Electronics & Communication(ICT-CEEL 2023)



October 11<sup>th</sup>-13<sup>th</sup>, 2023

## Call for Papers

<b>Key Dates :</b>	Paper Submission 30 <sup>th</sup> July 2023 (Extended)	Acceptance date 15 <sup>th</sup> August 2023	Camera Ready Paper 15 <sup>th</sup> September 2023	Conference on October 11 <sup>th</sup> -13 <sup>th</sup> , 2023
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**Prof. F. Gonzalez-longatt, Ph.D.**

Francisco M. Gonzalez-Longatt (Senior Member IEEE) is currently a full professor of electrical power engineering with Institutt for elektro, IT og kybernetikk, Universitetet i Sørøst-Norge, Norway. He is the Leader & Founder of DigEnSysLab. He has prolific research productivity including several industrial research projects and consultancy worldwide. Also, he is the author or editor of several books (Spanish and English).

### Keynote Speakers



**Djamila Amimer, Ph.D.**

Djamila Amimer is an experienced business leader and entrepreneur, CEO and founder of Mind Senses Global. Her 20-year business experience cover a broad range of skills across AI, machine learning, commercial deals, business strategy, energy, supply chain, shipping & trading, business resilience and climate change. Djamila is a LinkedIn Top Voice in AI and ranked among the Top 10 global thought leaders in AI, emerging technologies and predictive analytics.



**Prof. Kim Hyeon-Tae, Ph.D.**

Kim Hyeon-Tae is a Professor of Department of Biosystem Engineering at Gyeongsang National University and the Director of Gyeongsang National University (Institute of Smart Farm). His main research focuses are animal welfare and precision livestock, animal bio-metric, precision agriculture, environment control greenhouses, plant factories, and smart farms with AI. He serves as Vice-President, Director, and Editor of The Korean Society for Bio-Environment Control, Vice President and Director of The Korean Society for Agricultural Machinery.



**Associate Prof. Ashish Khanna, Ph.D.**

Dr. Ashish Khanna [IEEE Member'2019, Senior Member'2020, MACM] has expertise in Teaching, Entrepreneurship, and Research & Development with specialization in Computer Science and Engineering Subjects. He is part of world's leading 2% research community list from STANFORD UNIVERSITY, USA. His research interest includes, Distributed Systems and its variants (MANET, FANET, VANET, IoT), Machine learning. He has around 200 accepted and published research papers and book chapters in reputed SCI, Scopus journals, conferences and reputed book series including 101 papers accepted and published in TOP SCI indexed Journals.



**Kishore Tanikella**  
Director - Silicon Architecture at AMD(HYD)

Kishore Tanikella is the Director of Engineering for Programmable Products in AMD Hyderabad. He leads the Silicon Architecture group for Programmable products in AMD Hyderabad helping architect multiple generations of high-end and low-end Adaptive FPGAs. Responsibilities include Silicon Architecture definition and evaluation, System Performance Modeling and Analysis and Product planning for these devices.

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