

ASNEngr

American Society of Nepalese Engineers

NEWSLETTER

Volume 14, May 2023



WHAT'S INSIDE

- MESSAGE FROM NEWLY ELECTED PRESIDENT
- UPCOMING EVENTS AND PAST EVENTS
- ASNENGR AWARDS AND RECOGNITION
- SPOTLIGHT OF ASNENGR MEMBER'S ACHIEVEMENTS
- ASNENGR COMMITTEE UPDATES
- BENEFITS AND RESOURCE CENTER
- COMMITTEE CONTACT AND SPONSORS



PRESIDENT'S MESSAGE

First, I would like to thank all the ASNEngr members for electing me as the President of the Society for the 2022-2024 term. We are having a great start with the new teams and goals set for the next two years.

I would like to welcome Board of Directors, Executive Committee, all other committee members, and chapter presidents to the Society. I appreciate their commitment to taking Society to the next level. This is my great honor and pleasure to present the fourteenth issue of our Newsletter. As

you go through this Newsletter, you will learn about our key accomplishments over the last year and upcoming activities.

As a team, we have created momentum in the Society. We have generated interest among the members to do more for the Society. We have made it a stable platform for all engineering, technical, and scientific professionals of Nepali origin residing in the United States and Canada.

Below are the highlights of accomplishments from the last year:

- The 15th Annual Conference (Virtual) was held on June 11 - June 12, 2022, with the theme “Impact of Engineering Solutions for Mankind”. The Conference was attended by more than two hundred people across the globe.
- Provided financial support (\$1,000) to the regional winners of the Hult Prize. With our support, three students (Garima Acharya, Kobid Upadhyay, and Pramish Paudel) attended the top 16 competition in Boston, MA.
- Awarded merit awards of 2022 to five Students (\$2,500), GSRF 2022 (\$500), and GSRF 2021 (\$1,000).
- One of the key activities of the Society is the Membership drive. We have had multiple new members join the Society, which has made us a larger professional family.

The 16th Annual Conference is scheduled for July 2023 in the Greater Washington DC area with a theme of “Integrating Science and Technology for Socio-Economic Advancement.” I would hugely appreciate your presence at the conference.

We are super excited to proceed with our programs and have created good momentum. We need your support and participation to keep the momentum. I would like to request you to join the Society if you have not joined yet. I would also like to thank the Newsletter Committee for their tremendous effort in putting together the Newsletter.

Thank you again for your compassionate actions, diligent support, and unwavering partnership and friendship over the years. I remain grateful, humbled, and inspired.

Sincerely,
Surya Thapa, P.E

EVENTS

Upcoming Events:

07/28/23 – 07/29/23

ASNEng Annual Conference (Washington DC)

Past Events:

04/22/23

DC Chapter Engineer's Night (McLean, VA)

04/08/23

Resume Building Session (Online)

02/26/23

Technical Presentation: Road Beyond 5G: Architecture, Applications and Trends (Virtual)

02/05/23

Greater Houston Chapter: Meet and Greet (Houston, TX)

11/18/22 & 02/02/23

DC Chapter: Professional Engineers' Happy Hour

07/31/22

Greater NY Chapter Picnic (Belmont Park, NY)

08/26/22

ASNEng Press Meet (Fairfax, VA)

11/18/22

Society Membership Drive: Meet and Greet (Linthicum, MD)

01/27/23

Society Membership Drive: Meet and Greet (Baltimore, MD)

07/23/22

ANSEng and NIC Nepal Interaction Session (Washington, DC)

08/27/22

DC Chapter Picnic (Lorton, VA)



Save the Date!
July 29-30, 2023

Venue:
*Sheraton Baltimore Washington Airport Hotel
1100 Old Elkridge Landing Rd, Linthicum Heights, MD 21090*

We are pleased to announce that ASNEng is organizing 16th Annual Conference themed “Integrating Science and Technology for Socio-Economic Advancement”. This conference aims to bring scientists, researchers, engineers, educators, policymakers, and industry experts together to share their innovative ideas, research findings, and best practices on various topics related to science and technology. Our expert committee will review all submitted abstracts, and selected authors will be invited to present their work at the conference.

We invite you to be part of this exciting conference and share your expertise. We encourage you to register for the conference and join us for an informative and stimulating two days of exchanging ideas, networking, and knowledge sharing.

Please submit your abstract through the link (<https://www.asnengr.org/wp/conference-2022-call-for-abstract/>) by May 31, 2023.

For more information on the conference, registration, and abstract submission, presentation procedures please visit our website <https://www.asnengr.org/wp> or contact conference team directly at asneconference@gmail.com.

Your contribution will be of great value to this conference, and we look forward to your active participation.

DC CHAPTER: ENGINEERS' NIGHT 2023

ASNEng DC Chapter organized a meet and greet event on April 22nd, 2023, at Mclean Community Center, Virginia. The event featured a unique cultural program showcasing local talents. It was followed by a gala dinner, with a local DJ entertaining the participants.

RESUME BUILDING SESSION

ASNEng Student Committee organized a Resume Building session on April 15, 2023, to help students looking for internships and full-time jobs. The event was led by Mr. Subash Poudel. The event aimed to provide a roadmap for our aspiring students to help them research jobs, evaluate their qualifications, understand the nature of jobs, write a professional resume and many more.

At the end of the session, students were given an opportunity to interact with professionals from their respective fields.

ROAD BEYOND 5G: ARCHITECTURE APPLICATIONS AND TRENDS

As a part of our professional development series, we are proud to highlight “Road Beyond 5G” led by Mr. Vijay K. Shah, Ph.D. The series included an overview of 5G (and beyond 5G) networks and key enabling architectures and applications. In addition, recent research in the nexus of AI and O-RAN coming from our NextG Wireless Lab at George Mason University were discussed. Finally, the talk was concluded with an outlook of this exciting area in 6G networks. We offered PDH hours for the course as well.

GREATER HOUSTON: MEET & GREET

ASNEng Greater Houston Chapter meet and greet was attended by the engineering, science and technical community of Greater Houston area on February 5, 2023, held at Ashiana Restaurant in Houston, Texas. The Meeting was also participated by past president Rajendra Shrestha. PH.D., F.ASNEng (2012-2016), Jagannat Ghimire, P.E (2016-2018), and immediate past president Subash Poudel, P.E.



The meeting started with introduction session followed by a talk by Rajendra Shrestha highlighting the history of ASNEng and the Greater Houston Chapter and the organization of the first ever standalone ASNEng Annual Conference in Houston in 2011. Subash Poudel, P.E., recounted the achievements, participation in the ASNEng Annual Conference every year, and organization of the ASNEng Annual Conference in Houston in 2016 by the Greater Houston Chapter.

GREATER NY CHAPTER: PICNIC 2022

ASNEng Greater New York Chapter organized a picnic at Belmont State Park, NY on July 31, 2022. More than fifty participants enjoyed the event, including NY Chapter President Mr. Om Dhodhary followed by Mr. Narayan Baral, Mr. Salil Devkota, Mr. Gopal Raj Suwal, Mr Namindra Subedi and others. Engineers were accompanied by their spouses, children, friends, and family.



ASNEng PRESS MEET

ASNEng organized a press meeting on August 26, 2022, in Fairfax, Virginia. The newly elected society president Mr. Surya Thapa and Greater Washington DC (GWDC) Chapter president Mr. Sagar Khadka announced the newly elected Executive Committee, Board of Directors, and DC Chapter Executive Committee. Two media agencies: DC Nepal, E-Nepalese, and GWDC chapter directors participated in the event.



SOCIETY MEMBERSHIP DRIVE: MEET & GREET



ASNEng organized a meet and greet program on November 18, 2022, in Linthicum Height, Maryland. The program was targeted to Nepali engineers residing in Maryland state, requesting them for society membership. Eighteen engineers attended the event, with five of them joining the society with general membership and five with life membership.



ASNEng organized a meet and greet program on January 27, 2023, in Baltimore, Maryland. The program aimed to meet Nepali engineers residing in Maryland state and request them for society membership. Twenty-four engineers attended the program. Six engineers became new members of the Society.

ASNEng AND NIC-NEPAL: INTERACTION SESSION



(Washington D.C. - 23 July 2022) An interaction event jointly took place by Nepa Pasa Pucha Amerikaya (NPPA), ASNEng DC Chapter, NIC-Nepal's chairman Dr. Mahabir Pun and representatives from ASNEng, including Vice-President Mangal Maharjan, Treasurer Dr. Prashna Gyawali, and D.C. Chapter's president Sagar Khadka.

Most members of the society expressed their interest in collaborating directly or indirectly with NIC-Nepal. When asked regarding potential ways that ASNEng can support NIC-Nepal's mission, Dr. Pun said, "ASNEng can support us in five different ways." His five ways include: 1) giving entrepreneurial ideas to NIC Nepal, 2) providing mentorship to the working entrepreneurs, 3) advertising the ongoing projects, 4) donating money, and 5) investing money in the potential company that NIC Nepal's entrepreneurs will start shortly. In response, ASNEng's vice president Mangal Maharjan reiterated ASNEng's interest in working closely with NIC Nepal and pledged support, including providing funds to execute the NIC-Nepal's projects that align with ASNEng's mission.

DC CHAPTER: 2022 PICNIC

ASNEng, Greater Washington DC Chapter organized its annual picnic on August 27, 2022. It was held at Occoquan Regional Park in Lorton, VA. The Chapter could not organize the annual picnic in the year 2020 and 2021 due to COVID, and this one was well attended by over 150 individuals making it a wonderful gathering of engineers in a long time. The event was filled with plenty of food, BBQ, fun-filled activities, and immense networking opportunities among individuals in the DC-MD-VA area.

ASNEng AWARDS AND RECOGNITION

ASNEng Outstanding Performance Award- 2022

Ananda Paudel, Phd, PMP

For his outstanding contribution and dedication in organizing 14th and 15th Annual Conferences of ASNEng and his contribution in the Technical Committee in 2021-2022.

ASNEng Emerging Leadership Award- 2022

Shubha Adhikari, AICP

For her exemplary contribution as a Co-Technical Chair to 14th ASNEng Annual Conference and a Technical Chair to 15th ASNEng Annual Conference.

ASNEng Merit Students Awards- 2022

- **Hari Gautam, Pulchowk Campus**
- **Sonika Dhungana, Pokhara Campus**
- **Abishek Pachhain, Pulchowk Campus**
- **Rajan Kafle, Thapathali Campus**
- **Sumin Chhetri, Pokhara Campus**

ASNEng Graduate Student Research Fellowship Award - 2022

Mr. Amrit Tiwari

SPOTLIGHT OF ASNEng MEMBER'S ACHIEVEMENTS



-Utsab Pokharel, MSCE, EIT

The initial idea I presented entitled “Drones: The Future of Bridge Inspection” during the 14th ASNEng Annual Conference became a steppingstone for my career ahead in bridge inspection. The suggestions and feedback that I received from ASNEng Conference team during and after the presentation nourished my idea more, and I was able to share and apply it in my workplace as well. My energy doubled when AASHTO TC3 accepted my course request to prepare training on “Application of Unmanned Aerial Vehicles in Bridge Inspection”.

Currently, I am working as AASHTO Technical Panelist to design the course.

I had the pleasure of joining ASNEng in 2018. That year, I was already in the US, but I was struggling to find an Engineering job. After joining ASNEng, I got the support and help I needed, which helped me land my first Engineering job in the US. Currently, I am working as a Senior Civil Engineer at the New Jersey Department of Transportation. I am also a life member of the Society and feel honored to serve as a member of the Board of Directors and Executive Committee Member-at-Large for the current term. I am always grateful for the support I received as a member of ASNEng, which helped me shape my professional journey in the US.

ASNEng COMMITTEE UPDATES

Message from Website and Database Committee

-Prashna Gyawali, Ph.D. (Chair)

The Website and Database Committee, like other committees, has selected new committee members and, most importantly, is looking for self-motivated and energetic committee members to perform its different responsibilities. The committee, chaired by Dr. Prashna Gyawali and vice-chair Dr. Robin Chataut, has been primarily focused on updating our website. Towards this objective, the committee spent some time last year selecting potential vendors who can assist the committee in updating our website and has selected SkillPrompt Pvt Ltd, a company based in Nepal, for this purpose.

The committee, along with the vendor, has already started the first phase of website development, which primarily includes a user management system to allow a common portal for all our members to participate in different social activities like conference registration, grant writing, paper presentation, etc. The committee is focused on bringing these new updates as soon as possible, potentially before the upcoming 2023 annual conference. Besides this project, the committee is open to more ideas around information and technology, like updating and maintaining the internal database, creating a common communication channel across the committees, etc. If you have any ideas or are interested in contributing to this committee, please reach out.



Message from Fundraising and Financial Oversight Committee

- Santosh Dhakal, P.E (Chair)

Fundraising and membership growth & retention has always been a challenge for ASNEng like any other non-profit organization. The growth and sustainability of organization like ours is in close correlation with the retention and growth of membership. With difficulty in getting the membership renewal every year, we started encouraging members for getting life membership since 2019, and this has had a very positive impact in overall membership growth as well as active participation of our life members in overall activities, including fundraising.

Post COVID and with our membership drive in full force, we have been able to welcome exciting number of life members and new members in 2022, which means that this year will be a year to have an impactful fundraising drive. Innovative and sustainable fund is the core of fundraising drive for this year, and we have seen many creative ideas coming out of our members. We are also super-excited about the upcoming in-person annual conference after three years, and this would be a great year for raising funds from membership drive, conference attendance, and sponsorship.

MESSAGE FROM NEWSLETTER COMMITTEE

Thank you for going through the fourteenth issue of our Newsletter. We really appreciate your time and interest. We would also like to thank our sponsors, content providers, our advisors, and community members involved in the events captured in this Newsletter.

Starting this issue, we have initiated different sections such as the Benefit and Resources Center, and Members' Personal Spotlight section to highlight and celebrate our members' accomplishments. Please feel free to share your stories, and any new ideas/feedbacks via asnengr.newsletter.magazine@gmail.com. We would be glad to feature you and your ideas in the next issue of our newsletter.

As ASNEng is constantly evolving and opening new avenues for diverse engineering talents, we look forward to another great year and expect similar contributions from you to help build a close-knit professional community that fosters and nurtures new members helping them excel in their professional pursuits. We always appreciate your participation, support through your networking and expertise. We look forward to the same this year. In addition, we are looking for volunteers to help us with our annual Magazine publication. Please get in touch with us if you are interested in copy-editing, fact-checking, production, or design-related roles.

Best,
Tribal Naharki, P.E. (Chair)
Utsab Pokharel, EIT (Co-Chair), Manoj Baniya (Co-Chair)
Shiva Bhusal (Volunteer Editor)

ASNEngr BENEFITS & RESOURCE CENTER

MENTORSHIP PROGRAM



Mentors of all experience levels and backgrounds are welcome!

This program enables those seeking mentors to connect with qualified personnel within the society. Below are some of the benefits from this program:

1. Career advises
2. Resume services
3. Professional Development
4. Continuing Education Support
5. Jobs Consultation

If you are interested in serving as a mentor or would like to learn more, please contact asnengr.newsletter.magazine@gmail.com.

WHAT'S HOT IN THE JOB MARKET



Connect with members of society to expand your network!

Job Listings:

ASNEngr Website:

<https://www.asnengr.org/wp/society-programs/job-board/>

NJDOT job opening link:

<https://www.state.nj.us/transportation/about/employ/openings.shtm>

Information shared by NJDOT.

Contact Mr. Utsab Pokharel for procedural details.

Feel free to share any job openings via

asnengr.newsletter.magazine@gmail.com
info@asnengr.com.

CONTINUING EDUCATION

Pursuing Professional Engineering License.

Click on resources below:

- <https://www.schoolofpe.com/>
(Instructor: Dr. Sukh Gurung)
- <https://www.testmasters.net/>
- <https://eetusa.com/>
- <https://ncees.org/> (Register for CBT test)

Contact triblenaharki@gmail.com for free PE course study materials.

Looking for PDHs?

Please mail us at info@asnengr.org if you have any questions.

FEELING LIKE CONTRIBUTING TO ASNEng

- Participate in Committee
<https://www.asnengr.org/wp/other-committees/>
- Get involved in Local Chapters
<https://www.asnengr.org/wp/local-chapters/>
- Donate for cause
<https://www.asnengr.org/wp/donate-to-asnengr/>

SCHOLARSHIP AND GRANTS

- Merit Award for Student
- Graduate Student Research Fellowship
- ASNEng Scholarship
- Research and Development Grants
- Outstanding Performance

CALL FOR MERIT AWARDS!!!

Want to know more about this program?

Email: Shyam Sharma @
shyamsharma@gmail.com

Website:

<https://www.asnengr.org/wp/awards-grants-scholarship/>

Charity Navigator link

If you are interested in providing charity to the organization, you can find more information at [Charity Navigator link](#).

MEMBERSHIP

| Membership Type | Membership Fee |
|--------------------|----------------|
| Student Membership | \$5 |
| General Membership | \$25 * |
| Life Membership | \$200.00 |

For Eligibility, click link below:

<https://www.asnengr.org/wp/membership/>

EXECUTIVE COMMITTEE

PRESIDENT
SURYA THAPA, P.E.

VICE PRESIDENT
MANGAL D. MAHARJAN

GENERAL SECRETARY
ANANDA POUDEL, PH.D.

JOINT SECRETARY
SRIJANA SHARMA, MS

TRESURER
PRASHNNA GYAWALI, PH.D.

INFORMATION SECRETARY
SHUBHA ADHIKARI, ACIP

OM DHODARY, PE

MEMBERS-AT-LARGE
KIRAN ADHIKARI, PE

NIRAJAN ARYAL, PE

UTSAB POKHAREL, MS, E.I.T.

UTTAM SEDAI, MS

IMMEDIATE PAST PRESIDENT
THAKUR P. DHAKAL, PE

BOARD OF DIRECTORS (BOD)

| | | | |
|-------------------------|---------------------|-----------------------|------------------------|
| SURYA THAPA (OH) | UTSAB POKHAREL (NJ) | PRAKASH MALLA (GA) | THAKUR DHAKAL (VA) |
| MANGAL MAHARJAN (MD) | UTTAM SEDAI (VA) | RABIN BHATTARAI (IL) | KIRAN ADHIKARI (IL) |
| ANANDA POUDEL (CO) | ANANTA BAIDYA (CA) | SANDEEP PYAKUREL (VA) | NIRAJAN ARYAL (NC) |
| SRIJANA KHATIWADA (GA) | SANTOSH DHAKAL (MD) | SANJAYA GAJUREL (OH) | OM DHODARY (NY) |
| PRASHNNA GYAWALI (CA) | BISHNU PHUYAL (IL) | SHESH KOIRALA (TX) | PRADEEP KHANAL (CA) |
| SHUBHA ADHIKARI (VA) | SHYAM SHARMA (OR) | SUKRITI DHITAL (NJ) | JAGANNATH GHIMIRE (TX) |
| NIPESH PRADHANANGA (FL) | BIJAY GIRI (MI) | UPENDRA KARNA (NJ) | |
| OM DAHAL (IN) | ASMITA ROKAYA (CT) | RAJU JOSHEE (MD) | |

SOCIETY COMMITTEE EXECUTIVES

AWARD/GRANTS/SCHOLARSHIP

Shyam Sharma Ph.D, PE (*Chair*)
shyamlsharma@gmail.com

INTERNATIONAL LIAISON

Kul Mani Acharya (*Chair*)
kul.acharya@gmail.com

MEMBERSHIP REVIEW

Deependra Pokharel (*Chair*)
depokharel@gmail.com

TECHNICAL

Rabin Bhattarai, Ph.D. (*Chair*)
BhattaraiRabin@gmail.com

BYLAWS AMENDMENT

Ramesh B. Malla, Ph.D. (*Chair*)
MallaR@engr.uconn.edu

NEPAL LIAISON

Narayan Pokharel (*Chair*)
pokhrelayan@gmail.com

OUTREACH & MEMBERSHIP

Bishnu Phuyal, Ph.D. (*Chair*)
bishnuphuyal@hotmail.com

WEBSITE & DATABASE

Prashnna Gyawali, Ph.D. (*Chair*)
prashnna.gyawali@gmail.com

FUNDRAISING & FINANCIAL OVERSIGHT

Santosh Dhakal, P.E. (*Chair*)
sanhtoshdhakal@gmail.com

MAGAZINE/NEWSLETTER

Tribal Naharki, P.E. (*Chair*)
triblenaharki@gmail.com

STUDENT

Garima Sharma (*Chair*)
sharmagarima387@gmail.com

SPONSORS

PLATINUM LEVEL

ASNEngr
American Society of Nepalese Engineers

15th Annual Conference
Impact of Engineering Solutions for
Mankind

**PLATINUM LEVEL
SPONSORS**



zentravels.com
est. 2006 **BOOK ONLINE**
search, compare & buy
Cheap tickets to Nepal 202-552-1508

When : Saturday, June 11 &
Sunday, June 12

Where: Virtual (Zoom)

Register for Free Now!

<https://www.asnengr.org/wp/conference/registration/>

GOLD LEVEL

ASNEngr
American Society of Nepalese Engineers

15th Annual Conference
Impact of Engineering Solutions for
Mankind

**GOLD LEVEL
SPONSORS**



SSP Engineering & Consulting



Ghimire & Associates Inc



When : Saturday, June 11 &
Sunday, June 12

Where: Virtual (Zoom)

Register for Free Now!

<https://www.asnengr.org/wp/conference/registration/>

SILVER LEVEL

ASNEngr
American Society of Nepalese Engineers

15th Annual Conference
Impact of Engineering Solutions for Mankind

SILVER LEVEL SPONSORS



Stupa International
of precision general contracting consulting

Ace GeoDrilling

U & S Engineers PC

Quartet ENGINEERS
Computing • Design • Forensic • Testing

SK&D Contracting

nue

ALL AMERICAN GEOTECH INC

Inova Engineering Consultants Inc

ECs

SILVER LEVEL SPONSOR

When : Saturday, June 11 & Sunday, June 12

Where: [Virtual \(Zoom\)](#)

Register for Free Now!
<https://www.asnengr.org/wp/conference/registration/>

EMPLOYEE VOLUNTEER GRANTS

Rajendra Shrestha, Ph.D.,
Principal Geophysicist of ConocoPhillips - \$500 (2022)

Thank You to our Sponsors!!!

For Sponsorship opportunities: Write us at info@ASNEngr.com
<https://www.asnengr.org/wp/sponsors>



FOLLOW US ON SOCIAL MEDIA



<https://www.facebook.com/groups/asnengr/>



<https://www.linkedin.com/in/asnengr>

- ❖ P.O. Box 1606, Centreville, VA 20122
- ❖ info@ASNEngr.org
- ❖ webadmin@ASNEngr.org (Tech)
- ❖ <https://www.asnengr.org/wp/contact/>

American Society of Nepalese Engineers (ASNEngr) is a non-profit, federal tax exempt 501(c)(3) organization that aims at providing a platform for Nepalese, and their friends, in engineering and closely related scientific and technical areas to come together, exchange ideas, and support each other for their and the larger society's common good. The society was registered (incorporated) in the State of South Carolina on September 24, 2007.