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Thakur Dhakal, P.E. (VA)

**Joint Secretary:**

Surya Thapa, P.E. (OH)

**Information Secretary:**

Sanjaya Gajurel, Ph.D. (OH)

**Treasurer:**

Bibhuti Baral (PA)

**Immediate Past President:**

Rajendra K. Shrestha, Ph.D. (TX)

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Rajendra Bhattarai, P.E., BCEE (TX)

Kanhaiya Kayastha, S.E. F.ASCE. (CA)

Surya (Sal) Lamsal, P.E. (NY)

Ramesh B. Malla, Ph.D. F.ASCE (CT)

Deependra Pokharel (VA)

**Board of Directors:**

Jagannath Ghimire, P.E. (TX), Chair

Sunita Amatya, P.E. (MD)

Ananta R. Baidya, P.E. (CA)

Bibhuti Baral (PA)

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Rajendra K. Shrestha, Ph.D. (TX)

Rajendra Tamrakar, P.E. (TX)

Surya Thapa, P.E. (OH)

Govinda Upadhyay, P.E. (TX)

**Publication/ Newsletter Committee:**

Chair: Rabin Bhattarai, Ph.D. (IL)

Vice Chair: Purna Dahal, P.E. (VA)

**PRESIDENT'S MESSAGE**

I would like to acknowledge that 2016-2018 was a very successful term for the Society. As our tenure as Board of Directors is nearing to an end, I would like to take this opportunity as the President of the Society to thank you all for your hard work and for your support. As a team, we were able to achieve following during 2016-2018 term apart from normal operation of the Society:

- Established Student Committee
- Established Advisory Council
- Launched Graduate Student Fellowship Grant amounting \$1,000
- Launched a program "Humanitarian Assistance to the Earthquake Affected Marginalized Children of Indrawati Village of Sindhupalchowk District Nepal"
- Started to award two types of awards to Society members a) Society Leadership Award and b) Outstanding Performance Award
- Started to offer 7 PDH hours to Conference attendees.
- Started to use online system for meetings and document management
- Created Guidelines for Graduate Student Fellowship Grant
- Created Guidelines for Advisory Council
- Created Guidelines for Financial Management Policies and Procedures for American Society of Nepalese Engineers (ASNEng)
- Held 2017 Annual Conference on stand-alone. It was a very successful conference.
- This year we have decided to hold the Society's Annual conference in Denver, Colorado on July 21-22, 2018. This is a new milestone for the Society and we believe that the Society will be able hold its annual conference in any corner of the nation from now onwards



Jagannath Ghimire, P.E.  
President, American Society of  
Nepalese Engineers (ASNEng)

We had more things in our list to accomplish but we didn't realize how two years passed. We will definitely help the upcoming team to achieve them. With it's members more than 400, the Society is now becoming more strong and stable. I would like to request all of you to support the Society's activities and support new team as much as you can. I wish the upcoming team all the best for their endeavors.

With kindest regards,

Jagannath Ghimire, P.E.

President, American Society of Nepalese Engineers (ASNEng)

[www.ASNEng.org](http://www.ASNEng.org)

## Message from the ASNEng Newsletter Committee

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We are glad to bring forward Volume 10 of the ASNEng Newsletter. The Newsletter Committee appreciates your valuable suggestions, comments, input/feedback, and contributed news and articles. Without your constant support, we wouldn't have been able to bring you another volume of our newsletter. We hope that you will continue to provide constructive suggestions and feedbacks for improving the quality of the Newsletter. We also request you to keep on sending news items, technical articles and other interesting pieces that would appeal to the mass readers. Please send your contributions, questions or comments about newsletter to the Newsletter/Publication Committee at [newsletter@asnengr.org](mailto:newsletter@asnengr.org).

## Announcements

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### Call for membership

American Society of Nepalese Engineers (ASNEng) aims at bringing engineers and professionals of Nepali origin residing in the USA and Canada in related areas together to exchange ideas and share knowledge for the benefit of the human society. The society also strives to bring forth programs that promote engineering, scientific, and technological advancement in Nepal. We also offer the scholarships to the brightest and most promising future engineers in Nepal. Needless to say, your valuable support and participation is more important than ever.

Membership is open to engineers as well as scientists and technologists who have qualifications and expertise in the areas closely related to any branch of engineering. To join the society, please fill in the online application form at <http://www.asnengr.org/membership/MembershipOnline.php>. We appreciate your support and look forward to your active participation in the society's activities.

### Please renew your annual membership

Your continued support is crucial to our society. Please renew your membership using the following link today:

<http://www.asnengr.org/membership/MembershipRenewal.php>

If you have already renewed your membership for 2018 or you are a life member of the society, please disregard this message. If you have any problems with online renewal system, please contact us at [info@ASNENgr.org](mailto:info@ASNENgr.org).

### Call to join ASNEng Committees

American Society of Nepalese Engineers (ASNEng) is pleased to announce this call for interest to join its various committees. If you are interested to join any of the committees, you are invited to contact the chair of the particular committee(s) or send your interest via e-mail to [info@ASNENgr.org](mailto:info@ASNENgr.org). Your contribution to the society as a member of one of our committees will be highly appreciated.

## ASNEng Major Events

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### ASNEng Supported Earthquake Affected Marginalized Children

ASNEng recently completed a project called "Humanitarian Assistance To the Earthquake Affected Marginalized Children" of Indrawati village of Sindhupalchowk District Nepal. ASNEng provided funding of \$4500 from its Earthquake Relief Fund for the project through HIMAWANTI Nepal. HIMAWANTI Nepal is a non-governmental organization that works to empower women in sustainable resource management sectors. The relief program was organized for the children who have lost their parents in the massive earthquake of April 2015. The children were taken in the shelter by villagers. HIMAWANTI Nepal coordinated with local agencies and stakeholders for effective and efficient implementation of the project. 21 children were selected from the project area and each of them were provided a

relief package. Each package contained stationary items, a mat, blanket, school bag, shirt, pant and sweater. HIMAWANTI Nepal in coordination with local stakeholder and Indrawati Higher Secondary School, distributed package to the children in a program on April 4, 2018.



Photos: Earthquake relief package distribution to the children



### ASNEng AGM, New Executive Committee and Board of Directors

ASNEng elected a new executive committee and society's directors in the Annual General Meeting (AGM) held on Saturday June 30, 2018. Following is the list of officers and board of directors for the term 2018-2020.

#### Officers

1. President - Upendra L. Karna, D.Eng., P.E., F.ASNEng, Lambertville, NJ
2. Vice President - Thakur P. Dhakal, P.E., Herndon, VA
3. General Secretary - Sanjaya Gajurel, Ph.D., Richmond Height., OH
4. Joint Secretary - Rabin Bhattarai, Ph.D., Champaign, IL
5. Information Secretary - Srijana Khatiwada, MS IT, Duluth, GA
6. Treasurer - Surya Thapa, P.E., Solon, OH
7. Immediate Past President - Jagannath Ghimire, P.E., Katy, TX

#### Society Directors

1. Bibhuti Baral, EIT, York, PA
2. Madan Baral, P.E., PMP, Huntley, IL
3. Athma R. Bhandari, Ph.D., Cedar Park, TX
4. Pradeep Gajurel, Lawrenceville, NJ
5. Sukh Gurung, Ph.D., Ridgewood, NY
6. Lalit K. Jha, P.E., Lincoln, NE
7. Yogendra B. Jonchhe, Fulbright Scholar and Retired Professor, Hornell, NY
8. Prakash Kaini, Ph.D., Aurora, CO
9. Kanhaiya L. Kayastha, P.E., S.E., F.ASCE, F.ASNEng, La Habra, CA

10. Mangal D. Maharjan, Elkridge, MD
11. Ramesh B. Malla, Ph.D. , F. ASCE, F. ASNEng, Storrs, CT
12. Jiwan L. Ninglekhu, Ph.D., Philadelphia, PA
13. Chhabi Pandey, Cincinnati, OH
14. Ananda M. Paudel, Ph.D, Greenwood Village, CO
15. Bishnu Phuyal, Ph.D., F.ASNEng, Chicago, IL
16. Narayan Pokharel, P.Eng., Calgary , AB, Canada
17. Ram C. Poudel, Amherst, MA
18. Shyam Sharma, Ph.D., P.E., Camas, WA
19. Achyut Shrestha, Phoenix, AZ
20. Rajendra Shrestha, P.E., Pearland, TX
21. Rajendra K. Shrestha, Ph.D., Cypress, TX
22. Ram H. Thapa, Fort Worth, TX
23. Anju Udas, Fairfax, VA

## Awards and Recognitions

### Merit Awards for Students - Year 2017

American Society of Nepalese Engineers (ASNEng) is pleased to announce that the following students have been selected for Student Merit Awards for the year of 2017 in recognition of their outstanding academic achievements. This is an award that is given to the top most ranked students in the entrance examination administered by various universities in Nepal for undergraduate (bachelors) degree admission in any engineering fields. Each award recipient will receive \$400 to support their academic related expenses.

Following are the recipients of the ASNEng Merit Award in 2017:

- 1) Rabin Adhikari (Tribhuvan University)
- 2) Ajit Kumar Yadab (Pokhara University)
- 3) Kanchan Poudel (Tribhuvan University)

**Note:** The award amount for Merit Awards has been increased from \$200 to \$400 by approval of the ASNEng Executive Committee on Dec 3, 2017, effective from the year 2017.

## Local Chapter Activities

### Greater Washington D.C. Chapter

#### Engineer's Night 2018 and Nepalese New Year Celebration

Engineers' Night is a social and networking event that the Greater Washington D.C. Chapter of American Society of Nepalese Engineers (GWDC-ASNEng) hosts every year for the GWDC chapter members and their families. This year, the program was held on April 14, 2018 with full of fun, cultural activities, dance and celebrated Nepalese New Year 2075 in Manassas, Virginia. This event provided an excellent opportunity for the members as well as their family members to network, socialize and wish Nepali New Year messages to one another. In this year event, many new and younger engineers' participation was very encouraging.

The program was divided into two parts; first a semi-formal event followed by a cultural program with dinner. We had several speakers who focused on the importance of the networking amongst engineering community as well as the importance of the organization like ASNEng. The president of GWDC Chapter, Dilli Neupane, highlighted on several activities organized by the team throughout the year. He also thanked all the participants for their support.

Several members from the ASNEng executive team, Vice Mayor of the Town of Indian Head, Maryland, and Nepalese Ambassador to the United States were also present in the event. The second part of the event was full of entertainment and dinner. Several local talents performed dances and songs to entertain the attendees. Several new members were also recognized in the program.





*Photos: Engineer's Night 2018 fun activities*



### **GWDC-ASNEngr's First Episode - Youth Interaction and Networking Series**

The Greater Washington D.C. Chapter of American Society of Nepalese Engineers (GWDC-ASNEngr) successfully conducted a first episode of 'Youth Interaction and Networking Series' on June 9, 2018. Program was done in collaboration with International Development Institute (IDI) and it was held in Springfield, Virginia.

This event was first of its kind. The main objective of the program was to primarily focus on interacting/networking amongst High School/College students and the young professionals. It was conducted in a panel discussion format where all the panelists were experienced young professionals. The audience was mainly high school/college students, the recent graduates and their parents.



There were five Panelists who shared their education, work experiences, career goals, if they had any family pressure during their school/college, and their stories on how they got where they are now and the future ambitions. This helped student audience to share their own educational/career interests and stories. This type of events will promote our young generations to come forward, share their knowledge, ideas, experiences and expand their professional network.



*Photo: Group picture of participants and panelists*

### **ASNEng Greater Washington DC Chapter elected New Executive Committee**

On June 30, 2018, ASNEng Greater Washington DC Chapter elected a new executive committee for a two-year term. The tenure of the newly elected committee will be effective from July 1, 2018. Following is the newly formed executive committee for the chapter for 2018-2020:

President: Uttam Sedai

Vice President: Sagar Khadka

Secretary: Biplesh Niroula, P.E.

Treasurer: Nischal Mishra

Immediate Past President: Dilli Neupane, P.E.

Members:

1. Sudha Bhusal, P.E.

2. Pusker Regmi, Ph.D, P.E.

3. Sandeep Pyakurel, Ph.D, P.E.

4. Sunita Amatya, P.E.

## **Upcoming Events**

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### **ASNEng 11th Annual Conference**

American Society of Nepalese Engineers (ASNEng) in collaboration with Engineers and IT Professionals in Colorado is hosting the 11<sup>th</sup> Annual engineering conference with the theme of “**Exploring the Advancement in Research and Development in Engineering, Science and Technology**” in the following venue and date.

**Venue: Business Tech Center**

**8301 E. Prentice Avenue**

**Greenwood Village, CO 80111**

**Date: July 21-22, 2018**

The two-day program consists of technical sessions bringing engineers, scientists, information technologists, and other related professionals to one place to share their knowledge. This event also provides an opportunity for networking and socializing with the Nepali colleagues and friends of Nepal.

ASNEng hereby extends invitation to all Nepalese residing in US, Nepal and around the globe for this conference. High level technical topics will be moderately presented making them equally understandable to the general audience. Hands-on workshops will also be offered to students and adults. This conference will be beneficial to anyone, including but not limited to, working or studying in STEM fields, high school students planning to pursue an engineering career, and parents of students with an undeclared major.

Registration is open for the conference. Please follow the following conference webpage link for online registration and other conference updates.

[Conference updates](#)

[Conference Registration](#)

## Featured News Info:

### NEPAL LIAISON COMMITTEE ACTIVITIES IN NEPAL IN THE YEAR 2017 – 2018

American Society of Nepalese Engineers (ANSEng) has over the years been making efforts to help Nepal. Here are some stories of our effort in 2017 and 2018. Various members of the Society have contributed their share. The Chair recognizes these efforts and thanks all the members who have done their part.

In early 2017, amount \$500 was handed to Nepal Health Equipment Development Foundation (NHEDF) from ASNEng Disaster Fund, as partial funding to taps and underground water at its Chandol, Kathmandu facility. Incidentally, their existing bathroom facility was also made into a disabled friendly facility with funding from the Nepalese Community in San Diego and technical assistance from Nepal Liaison Committee Chair.

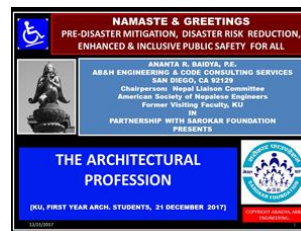
NHEDF services the medical needs of clients who are victims of the 2015 Gorkha-Nepal Earthquake. In February 2017, the Chair and member Rajendra Bhattarai visited the site, saw the water supply system and discussed their project. Rajendra Bhattarai had suggested on their various issues based on his own expertise.

During visits to Nepal, invariably several presentations were made mainly to students and young professionals. These presentations always present an opportunity to introduce the American Society of Nepalese Engineers as an organization willing and ready to help the needs of Nepal. Some of the opportunities that were made available during the recent year 2017 visit are discussed below. At these gatherings, the younger generations are encouraged to stay in touch.



*Photo: Ananta Baidya (ASNEng), Samrat Basnet (Chairman, NHEDF), Rabindra Bhattari (ASNEng) and Kiran Joshi (Nepal)*

During December 2017, Kathmandu University, Dhulikhel, Nepal requested a morning presentation to the first year students of the newly established School of Architecture. These young architectural students are focused on “Mountain Architecture”. With the current



*Photo: Presentation to Kathmandu University Architectural Students specializing in Mountain Architecture, Dhulikhel, Nepal debates on development, heritage conservation and reconstruction after the 2015 Gorkha-Nepal Earthquake,*

“The Architectural Profession” appeared as an appropriate topic for discussion with these students. The ASNEng goals and achievements and its motive to share and transfer engineering knowledge were presented.

In the afternoon, the Master Level Structural Engineering students got a chance to listen a presentation on “Checks & Balance: Checking Construction Documents: Engineering or Conventional”. American Society of Nepalese Engineers was also a focus of the discussion with these students.



*Photo: Presentation to Masters Students (Structural Engineering), Kathmandu University, Dhulikhel, Nepal*

The debate in Nepal on heritage reconstruction, restoration and preservation is on-going. A presentation to discuss “Understanding Disability and Disabled Access in Heritage Public Venues” was made to young architectural and engineering professionals involved with the reconstruction of Kasthamandap.

These young professionals are volunteering towards the reconstruction of Kasthamandap. ANSEng was introduced to and they have received the message to call upon ASNEng if and when needed.

Another activity that I hope will interest to members and perhaps result in participation or contribution involves “Fire Safety”. For the very first time, a demonstration on Fire Safety was organized at a school in Kathmandu. It was titled “Sensitization on Fire Safety” and was accomplished through Sarokar Foundation in Nepal. Students participated in a limited exercise on evacuating from fires in multi-storied school building. They learned about issues related to the fire safety design in buildings. A demonstration of fire extinguishers was performed among the participants. Incidentally, many fire extinguishers in Kathmandu are neither checked, refilled after their expiration dates. Sarokar Foundation has so far

succeeded in making this type of presentation in two other



*Photo: Scenes from Fire Safety Training at Greenfield National College, Kathmandu, Nepal*

schools.

These are just some of the events and activities where American Society of Nepalese Engineers can contribute. For those interested in participating these types of activities in Nepal and interested in helping the ASNEng Nepal Liaison Committee Chair, please contact directly to Ananta Baidya at [baidya.a.opposite@gmail.com](mailto:baidya.a.opposite@gmail.com).

Author:

Ananta Baidya

Chair, Nepal Liaison Committee

American Society of Nepalese Engineers (ASNEng)



### Join the Society

Please renew your membership if applicable. If you are NOT a member of ASNEng, please apply for membership.

[http://www.asnengr.org/membership/pages/new\\_member.php](http://www.asnengr.org/membership/pages/new_member.php).

### Donation

Please support ASNEng and its activities financially. Your donation will go to the program you choose. Your generous support will be greatly appreciated. To donate online please visit: <http://www.asnengr.org/asne-21.htm>

### Follow us:



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*American Society of Nepalese Engineers (ASNEng) - a non-profit organization established in September 2007 with IRS 501(c)(3) tax exempt status – aims at providing a common platform for people of Nepalese background 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 and benefits. It operates for engineering, scientific and technological research and educational purposes. The Society also strives at promoting engineering, scientific, and technological advancement in Nepal. The Membership application form and detailed information on ASNEng and updates on its recent activities can be found at <http://www.ASNEng.org>.*

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