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PRESIDENT'S MESSAGE

I would like to express my sincere gratitude to members of ASNEng for giving me an opportunity to lead this organization as President for the term 2018-2020. We have a great and diversified team of officers and Board of Directors who have been working very hard to make this organization strong and vibrant. I would sincerely like to thank them all providing support and also highly appreciate all for their service to the society.



With the continuous help and support of committed members/volunteers, and with the leadership of all past presidents, our organization has achieved many great things and now, it has been established as the largest professional organization in the North America. It is a special honor and privilege for me to lead this vibrant organization and I am committed to provide the best service to the society based on my abilities during my term. As a team, we have and have been providing our committed service to our community. However, there are many more that could or should be done. A service has no ending. We are a technical organization to provide a volunteer service to the community here in the North America and in Nepal. The membership of the society comprises a mixed group of professionals from various disciplines of engineering, science and technology. This is our challenge to engage them actively and also provide service to these diversified pool of professionals. Over the years, we have seen positive signs of diversified background members who have come forward to engage in the society's activities and have taken leadership positions. As a president, I realize and recognize this challenge.

I would like to highlights some of the relevant achievements and the activities in progress during this team term for your information.

- The Society's 11th annual conference was held on July 21-22, 2018 in Denver, Colorado by the engineering community of Denver.
- The Society's 12th annual conference was held on July 27-28, 2019 in Chicago, Illinois by the engineering community of greater Chicago area.
- Developed the guidelines for the selection of various standing committees and chairs.
- Developed the guidelines for serving to the conference as general chair and technical chair.
- Finalized the guidelines for the formation of a fundraising and financial oversight committee and also formed this committee.
- Awarded merit awards of 2018 to 4 students (2 from Kathmandu and 2 from Pokhara University) in a special program held in Kathmandu on November 29, 2019. One student of IOE (Tribhuvan University) was awarded Graduate Research Fellowship.

- The society's technical committee created 2 subcommittees on "Education and Research" and "Publication of Technical Magazine". These subcommittees would server wider interests and goals of the Society. Members are requested to engage in these committees and take advantage of it.
- We have established Society's Chapter in Chicago and Colorado Chapter is underway.
- To make organization more transparent and vibrant, society's by-laws are being updated.
- We have sponsored an earthquake related training program for Nepali engineers with NSET, Lalitpur Centre for Culture Conservation (LCCC) in Nepal.
- Distributed flood donated money to a deaf school in Rautahat, Nepal.
- As a part of international outreach effort, we had an coordination meeting/program with SONEUK (Society of Nepali Engineers in UK), attended by Int. Liaison Chair K. Acharya.
- The president had an interaction meeting with Province Chief and Chief Minister of Province 2 in June 2018 to explore how ASNEng could help various sectors of Nepal.
- The Society created a special committee to prepare a position paper on Flood condition in southern area of Nepal. Experts around the globe along with Nepal have been assembled and the work is moving along for this enormous and important task.
- During various personal visits in Nepal, the president held an interaction meeting with Nepal Army Chief Engineer, ICIMOD, NEA and SCAEF for future technical cooperation and mutual joint technical programs.
- In an integration meeting with NEA, NSET, SCAEF and NEC, on August 23, 2018 it was discussed that in the future it would be beneficial for all to have a joint technical conference in Nepal and decided to work collaboratively to organize the conference.
- ASNEng became a part of 3rd International Conference on "Resilient Infrastructure for a Better Tomorrow" in Kathmandu on September 18-20, 2019 as a knowledge partner. President U. Karna and Nepal Liaison A. Baidya participated in this conference and presented papers. This conference was organized by SCAEF (Society of

Consulting Architects and Engineering Firms) of Nepal. This was a first time that ASNEng became a part of an International conference. Society's position paper on Earthquake was distributed to all 200 delegates.

- A Memorandum of Understanding was signed at the conference between SCAEF and ASNEng by their respective presidents for the future technical cooperation.

We are a technical organization and our society's goal is to share our knowledge and expertise with fellow engineers in the North America and in Nepal. By doing so ASNEng is ultimately helping making a better society. There is still a lot we could do more and better. As leader of the society, it would be my prime objective to continuously work towards achieving our goal by engaging our members. Strong membership group is the backbone of an organization. I request all to keep your membership record update and be part of your own organization by engaging in various activities toward a better society.

The situation around the world is very scary due to COVID-19 pandemic. Our members and their families are stressed out as well and some of them may be facing financial constraints. The society is with you all in this difficult time and is raising funds and even have partially distributed to the needy members. Personally, I wish and pray that all our members and their family members are safe and sound in this difficult time. Please be safe at home. Good luck and thanking you.

With best regards,

Dr. Upendra L Karna, P.E.
President, ASNEng

Message from the ASNEng Newsletter Committee

We are glad to bring forward Volume 11 of the ASNEng Newsletter. The Newsletter Committee appreciate 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.

Announcements

Call for membership

American Society of Nepalese Engineers (ASNEng) aims at bringing engineers and professionals 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 areas closely related to any branch of engineering. To join the society, please fill the online application form at <http://www.asnengr.org/wp/membership/>. 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/pages/login.php>.

ASNEng now offers flexibility in membership application and renewal. Members can renew for 1 year, or 5 years or upgrade to life membership. Also new applicants can apply for 1 year or 5 year membership. Renewing longer term membership would have benefit of not having to renew every year. Membership expires on December 31 every year.

If you have already renewed your membership for 2020 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.

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. Your contribution to the society as a member of one of our committees will be highly appreciated.

Call for ASNEng *Intersection* Magazine Articles

We would like to invite you to submit your articles and stories for the American Society of Nepalese Engineer's inaugural issue of ASNEng *Intersection* magazine.

With the magazine, the American Society of Nepalese Engineers continues to strive towards its objective to inform, educate and collaborate among the members from different fields of science, engineering, and technologies.

The subject matter for articles and stories may include but not limited to the following topics:

- Engineering student's achievements and/or life-changing stories
- Technological innovations
- Engineering and Technology Career
- Analysis or opinion on tech proposals and documents
- Engineering events and impactful projects
- Kids tech education and activities
- Academic
- Digestible summary of impactful research
- Success academic stories
- Impactful stories
- Outreach - Nepal or related to Nepali diaspora
- Technology, Entrepreneurship, and Economics
- ASNEng progress and policies
- Role model stories

Please send us your stories and articles at asnengrimg@gmail.com before **August 1, 2020**.

ASNEng Scholarships

ASNEng invites the applications from eligible engineering students for the following scholarships for the year 2019:

- One (1) Merit Award from each university in Nepal (\$400) for the student who ranked highest among those enrolled in all engineering fields in the merit/admission list of the entrance examination held in 2019, and
- One (1) Merit for female student from all universities in Nepal (\$400). The female applicant must be ranked highest among female applicants enrolled in all engineering fields in the merit/admission list of the entrance examination held in 2019 by the university. ASNEng will decide the award for female student after reviewing all applications from various universities.
- One (1) Graduate Student Research Fellowship (GSRF) from all the universities in Nepal (\$1,000). The students who are currently pursuing Masters or Doctoral degrees in the areas of engineering, science and technology in the institute of higher education in Nepal are qualified to apply. For detailed information about this award, please see the “Graduate Student Research Fellowship: Application Guidelines and Criteria” document online at <http://www.asnengr.org/asne-25.htm>.

The guidelines and application for merit awards can be found here:

<http://www.asnengr.org/wp/news/asnengr-invites-the-applications-for-2019-scholarships/>

ASNEng Major Events in 2018-2020

ASNEng 11th Annual Conference 2018

ASNEng 11th Annual Conference was held at Greenwood Village, Denver, CO on July 21 - 22, 2018. The Conference was attended by over 100 participants, including practicing engineers, scientists, technologists, academicians, students, industry leaders, and their guests. The conference, with the theme “Exploring the

Advancement in Research and Development of Engineering, Science and Technology” deliberated on how state-of-the-art innovation in engineering, applied science, environment and water resources, information and communication technology, and renewable energy could be utilized to address problems in developed as well as developing countries, including Nepal, in the future. The conference featured an opening program with one distinguished guest speaker, three keynote lectures in the plenary session, and four more technical sessions. Altogether 21 technical presentations were delivered at this year’s conference. In the evening, participants enjoyed the cultural program with dinner and DJ dance. The general membership meeting was held next day of the technical conference.

Conference proceeding and the press release of the conference can be found in the ASNEng website at:

<http://www.asnengr.org/wp/events/conferences/11th-asnengr-annual-conference-and-meeting-greenwood-village-colorado-july-21-22-2018/>

and

<http://www.asnengr.org/wp/press-release/11th-annual-conference-2018-press-release-august-05-2018/>





Photos: ASNEngr 11th Annual Conference and General Membership Meeting 2018, Denver, Colorado

ASNEngr 12th Annual Conference 2019

ASNEngr 12th Annual Conference and General Membership Meeting was held at Chicago, IL on July 27 - 28, 2019. The conference was attended by over 130 participants, including practicing engineers, scientists, technologists, academicians, students, industry leaders, and their guests. The conference with the theme of “Explorations and Applications in Engineering, Science, and Technology” offered how the state-of-the-art innovations in engineering, applied science, environment, climate and water resources, education, management, and information technology could be utilized to address problems faced by developed as well as developing countries, including Nepal, in the future. The conference featured an opening program with one distinguished guest speaker, two keynote lectures in the plenary session, and three more technical sessions. Altogether 11 technical presentations were delivered at this year’s conference. The conference also included IT interaction session, entrepreneurs’ session, women interaction program, and kid’s STEM program. As usual, the DJ dinner party followed by cultural program was well received by the participants on the evening. General membership meeting

was held on second day of the conference.

The conference details can be found on the ASNEngr website at:

<http://www.asnengr.org/wp/events/conferences/12th-asnengr-annual-conference-chicago-illinois-july-27-28-2019/>



Photo: Distinguished guests and conference organizing chairs/co-chairs (Conference General Chair Thakur Dhakal-- speaking)



Photo: Chief Guest Ambassador Dr. Arjun Karki via Video Message



Photo: Keynote Speakers: Prof. Ramesh B. Malla, Ph.D., University of Connecticut, Storrs, CT (left), and Govinda Timilsina, Ph.D., The World Bank, Washington, DC (right)



Photo: A Group Photo of some of the attendees at the 12th Annual ASNEngr Conference

Awards and Recognitions

ASNEng Honors and Awards

Society Leadership Award 2018: Jagannath Ghimire, P. E. was awarded with "Society Leadership Award" for his leadership and outstanding contribution as founding General Secretary, Vice President during 2012-2016 term and President during 2016-2018 term of the American Society of Nepalese Engineers.



Photo: Jagannath Ghimire, P.E. (left) receiving Society Leadership Award 2018 to from ASNEng President Dr. Upendra Karna (right) during ASNEng 11th Annual Conference, Denver, CO.

Outstanding Performance Award 2018: Rabin Bhattarai, Ph.D. was awarded with "Outstanding Performance Award" for his outstanding contribution in Newsletter Committee during 2012-2018 and Technical Co-Chair of ASNEng 11th Annual Conferences 208.



Photo: Rabin Bhattarai, Ph.D. received Society Leadership Award 2018 during ASNEng 11th Annual Conference, Denver, CO.

Outstanding Performance Award 2019: Uttam Sedai, President of ASNEng Greater Washington DC Chapter was awarded with "Outstanding Performance Award" for his outstanding contribution to ASNEng GWDC Chapter a President (2018-2020) and the Vice chair of the Society's Website and Database Committee during ASNEng 12th Annual Conference, Chicago IL.



Photo: ASNEng President Dr. Upendra Karna (left) presenting Outstanding Performance Award 2019 to Uttam Sedai (right) during ASNEng 12th Annual Conference, Chicago, IL.

Outstanding Performance Award 2019: Achyut Shrestha Board of Director of ASNEng was recognized with "Outstanding Performance Award" for his outstanding contribution to ASNEng. He has served as local chair of ASNEng/CAN-USA Joint Annual Conference 2014 in Phonix, AZ and had provided significant effort to form a ASNEng local chapter in greater Phoenix Area.

Merit Awards for Students - Year 2017 and 2018

American Society of Nepalese Engineers (ASNEng) awarded four students from 3 different universities in Nepal with Merit Awards 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 recipient of ASNEng Merit Awards 2017:

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

Following are the recipient of ASNEng Merit Awards 2018:

1. Rajshree Rai (Kathmandu University)
2. Pragya Bhandari (Kathmandu University)
3. Deepa Tiwari (Pokhara University)
4. Prawal Bhusal (Pokhara University)

ASNEng organized a Merit Award Ceremony on November 29, 2019 in Kathmandu Nepal. ASNEng president Dr. Upendra Karna handed the award over to the recipients. Nepal Engineering Association(NEA) President Dr. Triratna Bajrachaya was invited in the ceremony.



Photo: Rajshree Rai receiving ASNEng Merit Award



Photo: Pragya Bhandari receiving ASNEng Merit Award



Photo: Merit Award 2018 distribution event

Graduate Student Research Fellowship Award– Year 2018

The American Society of Nepalese Engineers (ASNEng) is pleased to announce that a research proposal submitted by Mr. Rabin Dhakal of Institute of Engineering, Thapathali Campus, Kathmandu, Nepal, has been selected

for the Society's Graduate Student Research Fellowship (GSRF) award for the year of 2018. Mr. Dhakal is currently pursuing a Master's degree in Mechanical Design and Manufacturing Engineering. The GSRF award is given to a graduate student pursuing his/her Master's or and Doctoral degree in engineering, whose research proposal is determined best among all those submitted based on the evaluation by a review panel. The GSRF award consists of a cash amount of U.S. \$1000 to support the student's thesis/dissertation research. This is the inaugural/first year of the ASNEng GSRF award.

ASNEng Director, Fellow, and Past President recognized by NRN NCC USA

Dr. Rajendra Shrestha, Director, Fellow, and Past President of American Society of Nepalese Engineers (ASNEng) was recognized along with his wife Hema Shrestha by the Non-Resident Nepali Association National Coordination Council, USA (NRN NCC USA) Texas Chapter for their service and dedication to the Nepali Community in the Greater Houston Area in a Felicitation Program in Houston, Texas., U.S.A.



Photos: Dr. Rajendra Shrestha, Director, Fellow, and Past President of ASNEng and his wife Hema Shrestha recognition program by NRN NCC USA

Notable Events

Knowledge Partner - International Conference on Resilient Infrastructure for a Better Tomorrow, Kathmandu, Nepal

On November 18-20, 2019, ASNEng participated in the 3rd International Conference in Kathmandu, Nepal as a Technical knowledge Partner organized by SCAEF (Society of Consulting Architectures and Engineering Firms) of Nepal focusing on resilient infrastructure for better tomorrow. ASNEng's constant efforts and coordination with SCAEF made this possible to become a part of this prestigious conference. Society's President Dr. Upendra Karna and Nepal Liaison Chair, Mr. Ananta Baidya participated and presented conference paper at this conference on behalf of ASNEng. An opportunity was given during the conference to talk about ASNEng and its activities which were well received and appreciated by the national participants and international delegates. ASNEng distributed about 200 printed copies of the position paper on "Earthquake Preparedness and Disaster Relief in Nepal" published by ASNEng on 2015. Society President and Nepal Liason Committee Chair also informed that ASNEng is currently working on the position paper on flood in Nepal. Nepali technical organizations and governmental agencies expressed eagerness to hear more about technical advancement and expert's knowledge from the USA.



Photo: Conference Technical Session participated by ASNEng President Dr. Upendra Karna and Nepal Liason Committee Chair Mr. Ananta Baidya. Session chaired by Nepal Planning Commission Vice Chair Dr. Pushpa R Khandel



Photo: ASNEng President Dr. Upendra Karna being recognized and facilitated by Conference Chair and SCAEF president Mr. Rajesh Thapa



Photo: ASNEng President Dr. Upendra Karna presenting technical paper at the conference



Photo: ASNEng Nepal Liaison Committee Chair Mr. Ananta Baidya presenting paper at the conference



Photo: ASNEng President Dr. Upendra Karna and Nepal Liason Chair Ananta Baidya with Conference organizers along with Session Chair Dr. Pushpa Raj Khandel



Photo: ASNEng President with some national and international delegates



Photo: MOU signing by ASNEng President Dr. Upendra Karna and SCAEF President Mr. Rajesh Thapa in Kathmandu, Nepal on November 20, 2019.



Photo: ASNEng President Upendra Karna and Nepal Liaison Committee Chair Ananta Baidya with International delegates at the special dinner reception by the Conference



Photo: MOU renewal signing by ASNEng President Dr. Upendra Karna and NEA President Dr. Triratna Bajracharya in Kathmandu, Nepal on November 29, 2019.

MoU signed between ASNEng and Society of Consulting Architectural & Engineering Firms (SCAEF), Nepal

In a special program during the SCAEF - 3rd International Conference in Kathmandu, Nepal organized by SCAEF (Society of Consulting Architectures and Engineering Firms), a Memorandum of Understanding (MOU) was signed between ASNEng and SCAEF for the mutual technical cooperation in the future.

It is ASNEng's mission to promote engineering technological advancement sharing with Nepal. To fulfill this goal ASNEng has made MOU with SCAEF. Similar MOU was previously signed with NEA, NSET and IOE. ASNEng has been exchanging technical ideas with representatives of these organizations at various programs in Nepal as well as in the USA and has been thinking about organizing an international conference in Nepal for a long time.

In the separate program, ASNEng President Dr. Karna and Nepal Engineer's Association President Dr. Triratna Bajracharya also renewed MOU between ASNEng and NEA.

ASNEng Student Committee

ASNEng recently formed a "Student Committee" which will be responsible to bridge relationship between students & professionals & eventually assist us to achieve our ASNEng's objectives from every way possible. As the core objective will be to link between students & professionals, our "Student Committee" team will include young professionals & current students from all across the nation. The team will work collaboratively that includes collecting student databases, networking, coordinating in our fellowships/merit awards, conferences/programs, exploring the available research & funding for students inside & outside ASNEng as well as connecting students with academicians/professionals/potential opportunities.

Bishal Khadka was elected as the Chair and Upendra Ayer was elected as the Vice-Chair of ASNEng-Student Committee unanimously from our executive committee & Board of Directors. Bishal Khadka is a 2019 graduate from Virginia Tech with a M.S. in Civil/Structure Engineering. He is currently working as a Structural Engineer in a renowned engineering firm "Simpson Gumpertz & Heger (SGH)" at Washington, D.C. Upendra Ayer is a 2018 graduate from the University of Toledo

with a B.S. in Civil Engineering. He is currently working as an Assistant Transportation/Highway Engineer in an engineering firm “WSP USA” at Baltimore, Maryland.

ASNEng COVID-19 Fund

The whole world is going through an unprecedented time of our lives with the pandemic of COVID-19. Our engineering community has also been affected due to infection, unemployment, and closure of businesses and institutions. Young engineers, and specifically students have been affected the most. ASNEng recognizes the pain and stress that our community is going through. ASNEng within its resources has decided to help the engineering community affected by COVID-19 by establishing "ASNEng COVID-19 Fund". An initial lump sum was allocated from the ASNEng general fund for the COVID-19 fund, and donation is being collected from its members, non-members, businesses, and other donors. As of May 31, 2020, three students from Purdue University, Indiana; University of Cincinnati, Ohio; Minnesota State University, Mankato, Minnesota have been supported in the first phase of COVID-19 fund distribution based on their pressing financial situations. ASNEng will keep collecting and distributing the fund to both members or non-members living in the USA or in Canada for some time in the future based on the evolving COVID-19 situation. Hence, ASNEng requests you all to donate generously through ASNEng website at <http://www.asnengr.org/wp/news/asnengr-covid-19-support-program/> so that we should be able to help many of our needy colleagues.

ASNEng is continuously collecting the application from the COVID-19 affected people and extending support. ASNEng also established the guidelines and standard operating procedures for the evaluation of the individual application which is also available at ASNEng website at <http://www.asnengr.org/wp/news/asnengr-covid-19-support-program/>.

Member Achievements

Ramesh B. Malla, Ph.D., F. ASNEng (Life), F. ASCE, F. EMI, A.F. AIAA, Founding/Past President, ASNEng is serving as the Institutional Principal Investigator (PI) and Lead from the University of

Connecticut (UConn) for a project with \$15 million grant funded by National Aeronautics and Space Administration (NASA) to establish a new Space Technology Research Institute (STRI), called “Resilient Extra Terrestrial Habitats Institute (RETHi).” <<https://today.uconn.edu/2019/04/uconn-researchers-help-design-resilient-deep-space-habitats/>> The RETH Institute has 4 member universities nationwide - UConn, Harvard University, Purdue University (Lead), and University of Texas at San Antonio. The research team is working on designing and creating a prototype of an autonomous, resilient, deep-space habitat that is capable of functioning with and without the presence of a human crew and can adapt and recover from expected and unexpected disruptions.

Dr. Malla is also serving as the UConn Institutional Lead and PI for another \$14.3 million research program “Transportation Infrastructure Durability Center (TIDC)” funded by the U.S. Department of Transportation (DOT) University Transportation Center (UTC) Programs, Washington, D.C. The US DOT UTC - TIDC Program consists of 6 member universities from the New England region. <<https://news.engr.uconn.edu/uconn-engineering-announced-as-partner-institution-for-14-2m-regional-transportation-center.php>>

Prof. Malla has received the prestigious recognition/honor of being elected as a Fellow of the Engineering Mechanics Institute (EMI), a premier organization of nationally and internationally recognized and highly respected individuals from various engineering and scientific fields world-wide having expertise in engineering mechanics and related areas. Dr. Malla is a full professor of Structural Engineering and Applied Mechanics, Department of Civil & Environmental Engineering at the University of Connecticut.

Ram Poudel, Ph.D., ASNEng Board of Director and Chair of ASNEng Newsletter and Publication Committee is serving as a member of the organizing committee of "International Conference on Thermodynamics 2.0 (ICT 2.0)" organized by International Association for the Integration of Science and Engineering (IAISE). The conference scheduled to be a web-based conference on June 22-24, 2020.

Local Chapter Activities

ASNEng Greater Chicago Chapter elected New Executive Committee

ASNEng is pleased to announce the formation of the Greater Chicago Chapter on April 11, 2020.

On December 21, 2019, a Technology Night was organized in Chicago, IL. Various family activities were held in the program and had a very good participation from Chicago and neighboring areas. During this program, enthusiast technologists, scientists and engineers decided to form a local chapter of ASNEng chapter.

The Nomination/Election Committee of the American Society of Nepalese Engineers Chicago Chapter under Bishnu Phuyal announced the following elected members to serve in the following positions for a two-year term.

Executive Committee:

President: Madan Baral

Vice President: Prasanna Subedi

Vice President: Manoj Khadka

Secretary: Kiran Adhikary

Treasurer: Om Dahal

Members:

1. Binod Bastakotil
2. Raj Acharya
3. Komal Dutta
4. Khusbu Shah
5. Shreejan Adhikari
6. Munesh Acharya
7. Lalan Dev
8. Megha Chapagai
9. Nitesh Pant
10. Bikas Rana

Advisory Board Members:

1. Bishnu Phuyal
2. Ankur Sharma
3. Yagna Pant



Photos: Technology Night 2019, Chicago, IL

Math Competition in Chicago, IL

ASNEng held a math competition on June 29, 2019 in St. Paul Woods, Morton Grove, IL during the Nepali Mela 2019. The competition was divided into 4 groups: Kindergarten to grade 2, grade 3 to grade 5, grade 6 to grade 8 and grade 9 to grade 12. More than 50 students participated in the competition.

Suvav Bhusal came first, Aadhya Subedi came second and Shristi Hoskote came third in the kindergarten to grade 2 level. Avirag Hosakote came first, Stuti Dhungana came second and Prastuti Dahal came third in the grade 3 to grade 5 level. Pramsu Parajuli came first, Rohit Joshi came second and Aarogya Regmi came third in the grade 6 to grade 8 level. Utsav Joshi came first, Aditya Pudasaini came second and Suprima Neupane came third in the High School level.

Congress women Jan Schakowsky (D-IL) distributed trophies to the winners and medals to the participants with certificates. ASNEngs volunteers Madan Baral, Kiran Adhikari, Praveen Kaini, Om Dahal, Prasanna Subedi and Srijan Adhikari helped to run the competition. The Math Competition was well received by the community and participants were very excited about the math competition. The Nepali Mela 2019 was organized by Nepali American Center (NAC) by partnering with various social organizations from the Greater Chicago.



Photo: Math competition participant



Photo: Congress women Jan Schakowsky (D-IL) distributing trophies

Greater Houston Chapter Engineer's Night 2019

ASNEngr Greater Houston Chapter organized a "Engineer's Night 2018" on September 21, 2018 in Houston, Texas. More than 120 people including Engineers, Scientists, Technology professionals and their families participated in the program. It was a very successful social networking program in the area among Nepalese engineer and ended with dinner.



Photos: ASNEngr Greater Houston Chapter Engineer's Night 2018

Greater Houston Chapter elected New Executive Committee

ASNEngr Greater Houston Chapter elected new executive committee for 2020-2021. The Nomination/Election Committee of the Chapter announced the following elected members to serve in the following positions for a two-year term.

- President: Subash Paudel, P. E, S.E
Vice President: Pradeep Gautam, P. E.
Secretary: Nawaraj Panta, P. E.
Treasurer: Anju Dallakoti
Members:

1. Ajay Dhakal, PE
2. Arjun Pokharel, P. E
3. Badri Gautam
4. Damodar Pangyani, P. E.
5. Govind Upadhyay, P. E.
6. Kaushal Jha, P. E.

7. Janak Thapa, P. E.
8. Raju Subedi, P. E.
9. Umesh KC, P. E.
10. Vijay Aryal, P. E.

Student Member: Sachin Paudel

Women's in Technology

Women around the Greater Washington DC area working in the science and technology gathered together for a dinner to exchange their idea each other. The program was the part of ASNEngr GWDC Chapter. They talk about how difficult it is to start a technical career and to be successful in their professions.



Photo: Dinner gathering of ASNEngr women member around Washington DC area

GWDC Chapter Engineer's Night 2019

Engineer and their family around Washington DC area celebrated "Engineer's Night 2019" program hosted by ASNEngr GWDC Chapter on March 16, 2019. Special guest Hon. Ambassador for US Mr. Arjun Karki and ASNEngr President Dr. Upendra Karna delivered speech for the success of the society and talked about the Nepalese engineering diaspora and its importance in connecting Nepalese in USA and Nepal in technological fields. The program was successfully completed with cultural program followed by dinner and DJ dance. Program was well received by participants.







ASNEngr GWDC Chapter Annual Picnic 2019

ASNEngr GWDC Chapter organized annual picnic for the year 2019. It was a fun filled with joy and delicious food, game, social networking event and was well received by its members. ASNEngr President Dr. Upendra Karna was invited for the Picnic. He encouraged the chapter and its members to continue this type of activity to provide a feeling of love and unity among the members.



Photos: ASNEngr GWDC Chapter's Engineer's Night 2019



Photos: ASNEngr GWDC Chapter Annual Picnic 2019



Photos: ASNEngr GWDC Chapter PDH/CEU Course participants 2018

ASNEngr GWDC Chapter Lunched PDH/CEU Courses

ASNEngr GWDC Chapter recently started Professional Development Hour (PDH)/Continue Education Unit (CEU) courses for its members. First course was in person organized on December 8, 2018 in Patrick Henry Library, Vienna, VA. There were two topics of discussion. In first session, Dr. Upendra Poudel P.E. discussed about "Structural design of building structure - Approach and Case Study". In this presentation Dr. Poudel presented the process involved on structural design of the building structure from conception to the completion.

Mr. Dilli Neupane, P.E., delivered the second session course on the title "Design of a solar Photo-voltaic system" and discussed about the feasibility study, site selection, technical requirements, design parameters, design tools and relevant codes for a solar PV system. The presentation also covered the equipment selection, installation and financing of the system.



ASNEngr GWDC Chapter PDH/CEU Series 2019

On December 14, 2019, ASNEngr GWDC Chapter organized its second series of PDH/CEU courses in Fairfax, Virginia. Two topics were discussed in details. Dr. Sandeep Pyakurel, P.E. discussed on "The ART of Tunneling" This course provided the principles underlying tunnel design and underground construction, an overview of various tunneling methods in soft ground and hard rock. The lecture was beneficial to the civil engineer working in the areas of ground investigation, exploration and ground improvement, steel and concrete design, water/waste water and utilities, transportation-highway design as well as for other engineers for general background and knowledge

The second topic of discussion was "Resource Recovery from Wastewater for Circular Economy" presented by Dr. Pusker Regmi, P.E.. This one-hour PDH provided a summary of first principles to current trends in innovations around how urban wastewater treatment plants can play an important part in a circular economy through the integration of energy production and resource recovery during clean water production. This lecture was beneficial to everyone interested in learning how multidisciplinary approaches are laying the foundation for Water-Food-Energy nexus that is vital to SMART cities of the future.



Photos: ASNEng DWDC PDH/CEU Series 2019 Presentation and Participants.

ASNEng-GWDC Soccer Tournament

ASNEng Greater Washington DC Chapter organized a soccer tournament on the month of May 2019. Congratulations to the teams who are played this Soccer Tournament. Family and friends around Greater Washington DC area gathered to view the matches and cheers for the winner. This program was a first of its kind for ASNEng GWDC Chapter and was organized successfully.



Photos: ASNEng GWDC Chapter Soccer Tournament

Upcoming Events

ASNEng Annual General Meeting

2020 ASNEng Annual General Meeting is scheduled to be web-based/conference call meeting on June 30, 2020 at 9pm-11pm.

Follow us:



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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