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**PRESIDENT'S MESSAGE**

Rajendra K. Shrestha, Ph.D.

President, American Society of Nepalese Engineers (ASNEng)  
Texas, U.S.A.

Dear Colleagues,

It is a great pleasure to bring to your attention some of the current activities of the ASNEng.

1. The American Society of Nepalese Engineers (ASNEng) is making necessary preparations to organize the 7<sup>th</sup> ASNEng/CAN-USA (Computer Association of Nepal-USA) joint Conference on June 21-22, 2014 in Arizona State University, Tempe, AZ, with the cordial support from colleagues in Arizona, with the theme "Application of Engineering, Science and Technology in building a better, safer and sustainable Society." Please kindly support the ASNEng Conference through your participation.
2. This is also the ASNEng election year. The Nomination/Election Committee. Is currently collecting the Ballots for the election of Officers and Board of Directors. Please participate in this election by sending your ballots on or before June 16, 2014.
3. The ASNEng has selected Ashu Adhikari from Tribhuvan University, Shakar Bhattarai from Kathmandu University and Rabindra Adhikari from Pokhara University on the basis of their top ranking in the Engineering Entrance Examination for the "2013 Student Merit Awards." Each awardee will receive \$200 from the ASNEng to support the academic related expenses.
4. The ASNEng Greater Washington, D.C. Chapter (GWDC) has been organizing Technical Conferences and Seminars for Professional Development Hours (PDH) on a periodic basis, one of which was accomplished recently on May 31, 2014 in the Washington, D.C. area with overwhelming success.
5. The ASNEng is also supporting "The 12<sup>th</sup> International Symposium on Geo-Disaster Reduction" scheduled on Sept. 5-6, 2014 in Fullerton, CA, as an organizing partner.
6. As you are aware, the position paper on "Earthquake Preparedness and Disaster Relief in Nepal," being jointly prepared by the ASNEng, America Nepal Medical Foundation (ANMF) and Computer Association of Nepal-USA (CAN-USA), has reached the final stage and will be published shortly.

We welcome the opportunity to garner your ideas, suggestions and recommendations to better accomplish the Society's objectives and purposes. Your membership contribution will help facilitate execute its ongoing and future programs and activities smoothly. It is quite possible that due to your hectic schedule, renewing the membership might have slipped your mind, or, you simply did not have time to do it. Therefore, on behalf of the ASNEng, I appeal to you to take the time to renew your membership on-line by visiting [www.ASNEng.org](http://www.ASNEng.org), and support its activities. I would also like to take this opportunity to extend our grateful appreciations to those members who have already renewed the ASNEng membership by paying annual dues. After all, the Society belongs to us – all of us – and we need to take the ownership for its betterment and growth.

Our special thanks go to the Newsletter/Publication Committee for taking the time and efforts to publish this Newsletter.

With kindest regards,  
Rajendra K. Shrestha, Ph.D.  
President, ASNEng

## Message from the ASNEng Newsletter Committee

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We are glad to bring forward Volume 6 of the ASNEng Newsletter. The Newsletter Committee would like to extend sincere thanks to all those who have provided their valuable suggestions, comments, input/feedback, and contributed news and articles. Without your constant support, we wouldn't have been able to get to this point. We sincerely 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

### 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. In the immediate future, we are planning to implement the scholarships program. 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/membership/MembershipOnline.php>.

Thank you again for all your support. We look forward to your active participation in the Society's activities.

## ASNEng receives Financial Support

American Society of Nepalese Engineers (ASNEng) President Dr. Rajendra K. Shrestha has donated \$2,000.00 to financially support and move the "Rewards, Grants, and Scholarships Program" forward. This contribution will be matched by ConocoPhillips Company.

## 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>

Please disregard this message if you have already renewed your membership for 2014 or you are a life member of the Society.

If you have any problems with online renewal system, please contact us at [info@ASNEng.org](mailto:info@ASNEng.org).

## ASNEng Major Events in 2013

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### ASNEng/CAN-USA Joint Conference at Santa Clara, CA– June 29, 2013

The American Society of Nepalese Engineers (ASNEng) and Computer Association of Nepal-USA (CAN-USA) held their sixth joint Annual Conference on June 29, 2013 at Intel's headquarters in Santa Clara, California, U.S.A. The conference was hosted by CAN-USA. The Conference was attended by about 70 participants, including practicing engineers, scientists, technologists, academicians, students, and industry leaders. The conference drew participants and speakers from the U.S., Malaysia and Nepal.

The conference, with the theme "Engineering, Science and Technology for a Better Living," deliberated on how state-of-the-art knowledge in Engineering, Applied Science & Disaster Communication such as Information and Communication Technology, Bio-Sciences, Medicine & Engineering Technology could be used to solve the problems in developed as well as developing countries

## Awards & Achievements

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### ASNEng awarded merit-based scholarship to Nepalese students

American Society of Nepalese Engineers (ASNEng) is

including Nepal. The conference featured four technical sessions with 19 presentations among which five were presented from Nepal via Skype.

### ASNEng Annual General Membership Meeting; June 29, 2013

American Society of Nepalese Engineers (ASNEng) held its Annual Membership/Board of Directors meeting at its 6th Annual Conference in Santa Clara, CA on June 29, 2013. Society's multiple activities and accomplishments, including establishment of four engineering student scholarships in Nepal, were presented and the Society's future short and long term activities, plans, and other areas of interest were discussed in the meeting.

### Earthquake Preparedness Session at ANMA/NeSeA convention, 2013

The joint session of American Society of Nepalese Engineers (ASNEng), America Nepal Medical Foundation (ANMF), and Computer Association of Nepal-USA (CAN-USA) on earthquake disaster preparedness in Nepal was held on August 31 at the 2013 Joint NASEA/ANMA Convention in Spartanburg, SC. About 25 people attended the session. This session was led by American Society of Nepalese Engineers (ASNEng) and moderated by Dr. Prahlad Pant and Dr. Prakash B. Malla. Dr. Prakash Malla opened the session with welcoming remarks and outlined the structure of the session. Mr. Bimal Karki, P.E. gave brief introduction of the ASNEng including history, current officers and board of directions and membership categories.

pleased to announce that three students from different universities in Nepal have been selected for its 2013 Student Merit Awards for their outstanding academic achievements. This is an award that is given to the top ranked students in the entrance examination conducted by various universities of Nepal seeking admission for undergraduate (bachelor's) degree in any engineering programs. The award winners are: (1) Anshu Adhikari from Tribhuvan University, (2) Shakar Bhattarai from

Kathmandu University, and (3) Rabindra Adhikari from Pokhara University. Each award recipient will receive \$200 to support their academic related expenses. ASNEng grants the merit scholarship every year to facilitate the education of deserving student who would like to get higher education in engineering field.

### **ASNEng Secretary appointed Associate Editor**

Dr. Binod Tiwari, Secretary of American Society of Nepalese Engineers (ASNEng) and Associate Professor of Civil and Environmental Engineering at California State University (Fullerton) has been named an Associate Editor of the Journal of Geotechnical and Geoenvironmental Engineering. The American Society of Civil Engineers publication is one of the oldest journals published by the professional organization. It is also among the top journals in the field of geotechnical engineering and is highly respected among geotechnical engineers. More information can be found at:

<http://news.fullerton.edu/2013fa/Publications-and-Editorships.asp>

### **ASNEng President honored with Archimedes Award**

ASNEng President Dr. Rajendra K. Shrestha has been recently honored with the Archimedes Award 2014 by ConocoPhillips Company in appreciation of his untiring efforts in knowledge sharing with the company scientific and engineering community. The theme of the award is “Leveraging Knowledge for Continuous Improvement.”



### **Dr. Prakash Malla Received the Leadership & Service Award from TAPPI**

Dr. Prakash Malla, a Fellow and Life member of our Society, received 2014 Leadership & Service Award from the Technical Association of Pulp & Paper Industry (TAPPI). Dr. Prakash Malla served on the Board of Directors of ASNEng for 2 consecutive terms. He has taken lead every year for last 5 years to organize a session for the Society at the Joint ANMA/NASeA Convention.

The award was presented at the 2014 PaperCon Conference, which took place at the Renaissance Hotel/Nashville Convention Center Complex, Nashville, TN during PaperCon Awards Dinner on Tuesday, April 29, 2014.





## Notable Events

### The Greater Washington DC Chapter (GWDC) of American Society of Nepalese Engineers (ASNEng) Organized a talk program

Prepared by: Santosh Dhakal

A talk program “Engineering and Technology for Future” was organized by The DC Chapter of American Society of Nepalese Engineers on 11th of January 2014 at Arlington Central Library, Arlington, VA. About 50 engineering professional attended the meeting.

Two renowned personalities were invited to present their papers. The first paper was presented on the topic “Energy scenario and way forward to minimize load shading in Nepal” by Prof. Dr. Jagan Nath Shrestha, the president of Nepal Solar Energy Society and Visiting Professor in Institute of Engineering, TU. The second paper was presented on the topic “Monitoring Air Pollution from Space” by Lok N Lamsal, PhD, Research Scientist, NASA Goddard Space Flight Center, Greenbelt, Maryland.



The program was moderated by secretary of ASNEng – DC Metro Chapter, Mr. Deependra Pokherel. The president of the chapter delivered the welcome speech and chapter activities. Dr. Ramesh B. Malla, past president of ASNEng, reported on the various projects and activities of American Society of Nepalese Engineers.

## Upcoming Events

### 2014 Joint ASNEng and CAN-USA Conference

You are cordially invited and welcome to attend the Joint American Society of Nepalese Engineers (ASNEng) and Computer Association of Nepal-USA (CAN-USA) Conference (2014 Joint ASNEng/CAN-USA Annual Conference: 7th ASNEng Annual Conference and Meeting and 7th CAN-USA Annual Development Conference)

#### Theme

“Applications of Engineering, Science and Technology in building a Safer, Better and Sustainable Society”

#### Conference Organized By

American Society of Nepalese Engineers (ASNEng)  
P. O. Box 39524, 4904 York Road  
Baltimore, Maryland 21212-9998, USA

Email: [info@ASNEng.org](mailto:info@ASNEng.org) / Web: [www.ASNEng.org](http://www.ASNEng.org)  
and

Computer Association of Nepal, USA (CAN-USA)  
PO Box 105, Pleasanton, California 94566, USA

Email: [info@can-usa.org](mailto:info@can-usa.org) / Web: [www.can-usa.org](http://www.can-usa.org)

#### Conference Hosted By

ASNEng/Nepalese Engineering & Scientific Community  
of Arizona

#### Venue

Memorial Union Hall- Alumni Lounge  
Arizona State University, 301 E. Orange Mall, Tempe,  
AZ 85281, USA.

#### Date

Saturday, June 21- Sunday, June 22, 2014

#### Conference Websites

[www.ASNEng.org](http://www.ASNEng.org) and [www.can-usa.org](http://www.can-usa.org)

#### Program Schedule

Saturday, June 21, 2014

|   |                     |
|---|---------------------|
| <u>Registration/Breakfast</u>             | 7:30 AM             |
| <u>Conference Opening</u>                 | 8:30 - 9:00 AM      |
| <u>Keynote and Invited Speech</u>         | 9:00 - 10:30 AM     |
| <u>Technical Sessions</u>                 | 10:30 AM - 12:20 PM |
| <u>Lunch Break</u>                        | 12:20 - 1:30 PM     |
| <u>Technical Sessions</u>                 | 1:30 - 4:40 PM      |
| <u>ASNEngr General Membership Meeting</u> |                     |
|   | 4:50 - 6:00 PM      |
| <u>Chandler Innovation Center Visit</u>   | 6:00 - 7:30 PM      |
| <u>Networking Mixer (and Dinner)</u>      | 8:00 - 10:00 PM     |

Sunday, June 22, 2014

|                           |                      |
|---------------------------|----------------------|
| <u>Special Forum</u>      | 9:00 AM - 12:00 Noon |
| <u>Conference Closure</u> | 12:00 Noon           |
| <u>Site Seeing Tour</u>   | 9:00 AM              |

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**American Society of Nepalese Engineers (ASNEngr)** - 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 ASNEngr and updates on its recent activities can be found at <http://www.ASNEngr.org>.

**Contact Address:**

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E-mail: [Info@ASNEngr.org](mailto:Info@ASNEngr.org)

Web: <http://www.ASNEngr.org>