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**PRESIDENT'S MESSAGE**

Rajendra K. Shrestha, Ph.D.

President, American Society of Nepalese Engineers  
(ASNEng)

Texas, U.S.A.

We had a good start and we are well on our way in achieving the Society's goals, thanks to your proactive participation and unwavering support.

First and foremost, the Awards and Grants Committee Chair and Vice Chair positions have been filled, the application form for the merit award has been finalized, and the BOD has decided in favor of providing four merit awards to the student topmost ranked among all students entering into engineering areas in 2013 in different universities in Nepal. To this effect, I have written to the engineering institutes affiliated to the Tribuvan, Kathmandu, Purbanchal and Pokhara University. We should be receiving the nominations for the award by June 30, 2013.

The 6th ASNEng/CAN-USA joint Conference, hosted by CAN-USA, is scheduled to be held on June 29-30, at Intel headquarters in Santa Clara, California. The Call for Abstracts and tentative agenda have already been announced and published. Let us participate in this conference in full force and contribute abstracts to repeat our successes in previous years.

The position paper on "Earthquake Preparedness and Disaster in Nepal" is going through the copyright process and is near completion. I had the opportunity to prepare the draft and finalize the Foreword for the position paper on behalf of president of ASNEng, CAN-USA and ANMF. The position paper will be followed up with initiatives such as organizing workshop, seminar and short courses in Nepal.

The Book of Abstracts containing the proceedings from the 5<sup>th</sup> ASNEng/CAN-USA Conference in Leesburg, VA on May 26-27, 2012, prepared through the efforts of Dr. Ramesh Malla, has been published on the ASNEng website.

The Greater Washington, D.C. Chapter of ASNEng successfully organized the continuing education course for 2 PDH attended by 14 professional engineers from that area on Feb. 23, 2013.

The ASNEng website has been kept up-to-date by the commendable contributions of the Website and Database Committee (Sanjaya Gajurel, Ph.D., Chair) and Information Secretary Pujan Joshi. The committee is also planning to make the approval process of the ASNEng membership online.

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Towards the end of the last year, applications for a number of new members had been approved through the articulate participation of Janak Thapa, P.E., Joint Secretary and Jagannath Ghimire, P.E., Vice President.

In case, you have not had a chance to get the ASNEng annual membership renewed this year, kindly take some time to accomplish it and provide your continued support to ASNEng. We will highly appreciate your invaluable input to help steer this Society in the right direction and render the proper momentum for its growth.

Last but not least, I would like to take this opportunity to thank the Newsletter/Publication Committee, led by Rabin Bhattarai, Ph.D., for taking the time in bringing out this issue (volume 5) of the ASNEng Newsletter.

With Kindest regards,

Rajendra K. Shrestha, Ph.D.  
President, American Society of Nepalese Engineers (ASNEng)  
<http://www.ASNEng.org>

## Message from the ASNEng Newsletter Committee

We are excited to bring forward Volume 5 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 patronage, 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 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.

### Please Renew your Annual Membership

Your continued support is crucial to our society. To keep your membership information accurate, please renew your membership for 2013 using the following link: <http://www.asnengr.org/membership/MembershipRenewal.php>

We thank you very much for your support if you have already renewed your membership for 2013 or you are a life member of the Society.

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

## Nepal Liaison Committee

The Nepal Liaison Committee of the ASNEng is looking for committee members in Nepal to help implement the organization's programs. The programs include administering and/or coordinating scholarship and grants for students in Nepal, represent ASNEng in activities in Nepal, etc. The member should have worked or studied abroad, should currently be residing in Nepal and willing to volunteer time to establish the committee in Nepal. For further information, please contact the committee chair, Sagar Onta, P.E. at [sagaronta477@gmail.com](mailto:sagaronta477@gmail.com).

## ASNEng Major Events in 2012

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### ASNEng/CAN-USA Joint Conference at Leesburg, VA– May 26-27, 2012

The American Society of Nepalese Engineers (ASNEng) and Computer Association of Nepal-USA (CAN-USA) held their fifth joint Annual Conference on May 26-27, 2012 in Leesburg, Virginia (Greater Washington, D.C. area), U.S.A.

The Greater Washington, D.C. (GWDC) Chapter of ASNEng, the very first chapter of the Society, was proud to host this conference for the first time. About 160 participants including 110 practicing engineers, scientists, technologists, academicians, and students from private and multinational industries, government agencies, and academia, and 50 accompanying guests attended the conference. The conference drew participants from 15 States in the U.S. (including Arizona, California, Connecticut, Florida, Maryland, New Jersey, New Mexico, New York, North Carolina, Ohio, Pennsylvania, South Carolina, Texas, Virginia, Washington, D.C.), Canada, and Nepal.

The theme of this conference was “Bringing Engineering, Scientific and Technological Communities Together for a Better World”. The conference provided an excellent opportunity for the participating engineers, scientists, and related professionals to share their knowledge and experiences on relevant topics, including but not limited

to, Earthquake Preparedness and Disaster Relief in Nepal, Energy and Environmental Issues and Concepts, and Recent Advances in Engineering and Science. The conference included four technical sessions with 15 presentations among which three were presented from Nepal via the Skype connection.

### ASNEng Annual General Membership Meeting; May 27, 2012

American Society of Nepalese Engineers (ASNEng) held its Annual Membership/Board of Directors meeting under the chairmanship of Society’s President, Ramesh B. Malla, Ph.D. at its 5<sup>th</sup> Annual Conference in Leesburg, VA (Greater Washington, D.C. area) on May 27, 2012. Dr. Malla reported on the Society’s many activities and accomplishments. The meeting attendees discussed the strategic planning on membership drives, bylaws amendment, scholarships, organization finance, opening of new chapters throughout the U.S., annual conference in 2013, liaison with Nepal, future short and long term activities and plan, and other area of interests. At the meeting, Dr. Malla, announced the proposal received from CAN-USA to hold the 6<sup>th</sup> Joint ASNEng/CAN-USA Annual Conference in 2013 in San Francisco (CA) Bay Area.

### Earthquake Preparedness Session at ANMA/NeSeA convention, 2012

The American Society of Nepalese Engineers (ASNEng) held the “Earthquake preparedness and Disaster Relief in Nepal” Panel Discussion Session in the ANMA/NASeA Joint Convention on Sept 1, 2012 at Indianapolis, Indiana. Dr. Prahlad Pant chaired the session while Mr. Ankur Sharma and Mr. Yagna Pant were the panelists. Both Mr. Sharma and Mr. Pant are members of the ASNEng Board of Directors. Dr. Prahlad Pant is Chair of the ASNEng Nomination/Election Committee and member of its former Board of Directors.

The session went very well and was well received. The number of attendees was not very large; however, the people who attended the session were really interested in the ASNEng and the earthquake preparedness in Nepal.

## Awards & Achievements

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### ASNEngr Secretary got P.E. license

Binod Tiwari, Ph.D., Secretary of American Society of Nepalese Engineers (ASNEngr), has obtained Professional Engineer (P. E.) license. Dr. Tiwari is an Associate Professor and Acting Chair at Civil and Environmental Engineering Department, California State University, Fullerton.

### Dr. Bishnu Phuyal appointed as Illinois Geographic Information Council Member

On November 1, 2012, Illinois Governor Pat Quinn appointed Dr. Bishnu Phuyal as a member of Illinois Geographic Information Council. In his appointment, Governor Quinn said “Bishnu Prasad Phuyal has received a Ph. D from Ohio State University in the spatial and geographical field. Dr. Phuyal has vast experience in community service, and was awarded the Humanitarian Service Award in recognition of his service to the Illinois Secretary of State.”

Dr. Phuyal recently received a commendation letter and certificate of appointment from the Governor. Governor’s appointment website for the council states that “The Council’s mission is to provide the statewide leadership necessary to efficiently integrate Geographic Information Technology. Maximizing the use of this technology will ensure that the citizens of Illinois are served more effectively, and that the State implements geographic information and the technology surrounding it as a strategic resource.” The council has 27 members, Governor can appoint up to 10 members. This is a voluntary appointment with incurred expenses compensated. More information can be found at: <http://www.appointments.illinois.gov/appointmentsDetail.cfm?id=106>

Congratulations to Dr. Phuyal!

## Notable Events

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### The Greater Washington DC Chapter (GWDC) of American Society of Nepalese Engineers (ASNEngr) Organized the Summer Picnic and Annual Reunion-2012

Prepared by: Santosh Dhakal

The Greater Washington DC chapter of American Society of Nepalese Engineers (ASNEngr) organized its annual reunion and summer picnic on Saturday, August 25, 2012 at Lake Accotink Park, Springfield, Virginia. About 120 Engineers, scientists, academicians, engineering students, related professionals and their families living in Virginia, Maryland and Washington, D.C. attended this picnic. The reunion provided an excellent opportunity for all participants to meet, greet, network and socialize.

### The Greater Washington DC Chapter (GWDC) of American Society of Nepalese Engineers (ASNEngr) Organized Continuing Education seminar

Prepared by: Santosh Dhakal

The Greater Washington DC Chapter of American Society of Nepalese Engineers (ASNEngr) organized a Professional Engineer's Continuing Education seminar on February 23, 2013, at George Mason Regional Library in Virginia. A seminar on “Pipe Laying” was presented by Tim Edwards, P.E., from Advance Drainage Systems (ADS). During this 2 hours interactive session, Mr. Edwards presented wide aspects in drainage conveyance and practical aspects and challenges in laying of both flexible and rigid pipes and its post construction inspection and monitoring.

The seminar was attended by 14 professional engineers from different organizations in Maryland, Virginia and District of Columbia. The participants of this seminar will be credited for 2 PDH hours, and the certificate of

attendance will be provided by DC Chapter of American Society of Nepalese Engineers. This is the first in series of PDH upcoming seminars that will be organized by the chapter in coming days.

## Upcoming Events

### 2013 Joint ASNEng and CAN-USA Conference in June

American Society of Nepalese Engineers (ASNEng) and Computer Association of Nepal-USA (CAN-USA) are coming together again for a joint conference in June 29-30, 2012 in Santa Clara, California. The event will be hosted by Computer Association of Nepal-USA (CAN-USA). For details about the conference and registration, please visit ASNEng web site at <http://www.ASNEng.org>.

Please visit ASNEng website @ [www.asnengr.org](http://www.asnengr.org) for more information on these and future activities.

### Call for abstracts for 2013 Joint ASNEng/CAN-USA Conference

American Society of Nepalese Engineers (ASNEng) and Computer Association of Nepal-USA (CAN-USA) cordially invite you to participate in the 2013 Joint ASNEng/CAN-USA Conference with the theme

“Engineering, Science and Technology for a Better Living,” June 29-30, in Santa Clara, California. Engineers, scientists and others from closely related disciplines will gather to discuss on the recent developments in engineering, science and technology and their impact in the society.

Paper presentations are anticipated covering wide varieties of engineering, scientific and technology topics, including but not limited to, the following:

- Earthquake preparedness & disaster relief in Nepal
- Advances in infrastructure analysis, design, monitoring and sustainability.
- Engineering problems and solutions
- Application of scientific/engineering technologies into practice (knowledge share)
- Sustainability, alternative/renewable energy, clean-technology
- Information technology and its role in the society
- Robust design and construction practices
- Recent advances in research & development in engineering and technology
- Technology, youth and innovation
- Other engineering and scientific topics of interest

#### **Abstract Submission:**

Kindly take this opportunity to present your work at the conference by submitting an abstract of about 250 -500 words online at <http://www.can-usa.org/online-abstract-submission/>.

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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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