PRESIDENT’s WELCOME MESSAGE

Ramesh B. Malla, Ph.D.
President, American Society of Nepalese Engineers (ASNEngr)
Connecticut, U.S.A.

On behalf of the American Society of Nepalese Engineers (ASNEngr), it is my great pleasure to introduce to you the very first issue of the Society’s Newsletter. As you go through the pages in the Newsletter, you will learn about the history of the Society, its past, present and upcoming activities. The Society was officially formed in September of 2007 as a non-profit organization. ASNEngr has been established for the common good and benefit of the Nepalese engineering and scientific communities.

Support from each of us in the community is vital to empower the Society and make it more effective, so that in turn it can champion and serve us and our common cause. Therefore, I would like to invite those of you who are not yet formal members of the Society, to join the Society formally and to take part in its many exciting activities/events planned in the coming years. Your participation and support means a great deal to the Society which is still in its infancy stage.

In a short span of less than 2 years, the Society has come a long way and achieved several key and important mile stones as you will learn from this Newsletter. We have more exciting time ahead. The Society is embarking upon several educational, research, and professional activities for the benefit of the greater society in the coming year. Some of these activities include:

i) ASNEngr 2009 Annual Conference, July 03-04, 2009 (with ANA convention in Oakland, CA; July 4th weekend); ii) Undertake vigorous membership drive and outreach program; iii) Publish Newsletters of the Society; iv) Create a career networking and job and resume assistance program; v) Establish Scholarships in Nepal; vi) Faculty Research grant/activities in Nepal; vii) Explore ways and means for technology transfer to Nepal

I invite you to visit ASNEngr Website at http://www.ASNEngr.org regularly to learn more about the Society and to keep informed about the Society’s activities in the future.

I would also like to take this opportunity to thank all members who have supported the Society and its activities. Thanks are also due to the 2007-2008 Steering Committee members of the Society, the current members of the Board of Directors (elected July 05, 2008) chairs and Vice Chairs and members of the various committees of the Society for their time and support.

Last but not least, on behalf of the Society, I would like to express my sincere thanks and gratitude to Mr. Pradhumna Shrestha, P.E. (Chair), Ms. Samana Ghimire (Vice Chair), and Mr. Pradeep Khanal (Co-Vice Chair) of the ASNEngr Newsletter Committee for their numerous hours of time and diligent effort in making this Newsletter a reality.

I hope that you enjoy this issue of the ASNEngr Newsletter and I look forward to your support and participation.
ASNEngr INTRODUCTION, BRIEF HISTORY AND RECENT, ONGOING & FUTURE ACTIVITIES

Introduction
American Society of Nepalese Engineers (ASNEngr) is a non-profit professional organization, primarily focused to provide a platform for Nepalese and friends of Nepal who are engineers and professionals in 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 also strives at promoting engineering and technological advancement in Nepal.

The Society was formally launched at the first general organizational meeting held in Atlanta, Georgia, on September 2, 2007. It was registered (incorporated) in the State of South Carolina on September 24, 2007. At this time, work is in progress to secure federal tax exempt 501(c)(3) organization status.

The objective of the Society is to promote professional growth and advancement of individuals with Nepalese background and interest in Nepal, who have expertise and training in any engineering, scientific and technical areas; and to facilitate for their increased contribution to the progress of engineering and scientific education, research, training, practice, and technology transfer for the benefit of humanity. The Society shall operate for scientific and engineering research and educational purposes. In furtherance of the foregoing objectives, the purposes of the Society shall be as follows:

- To bring together people of Nepalese heritage and culture and other interested individuals pursuing profession in engineering, or closely related scientific and technical areas, for exchange and sharing of research, educational and practice related knowledge and experience, professional interaction, and collaborative activities, and provide opportunities to enhance their technical and professional competence.
- To collect, disseminate and exchange technical knowledge through publications, conferences, seminars and workshops.
- To inspire and empower members to maintain a high standard of professional conduct, achievements accomplishment, and sense of pride.
- To advance the professional well-being, and success of its members.
- To foster the spirit of scientific and engineering research, education and life-long learning throughout its membership base.
- To foster collaboration between its members and researchers, academicians, and practitioners worldwide.
- To recognize its members, other individuals and organizations for their outstanding contributions to the welfare of the society.
- To promote engineering, scientific, and technological advancement in Nepal.
- To provide advice to public, corporate and government policy making bodies in the areas of engineering and scientific development, as needed and appropriate, for the public benefit.

With the help of several Nepalese engineers, scientists and well wishers in the United States, Canada and beyond, a professional organization in the United States to represent Nepalese and individuals with interest in Nepal who are in engineering, scientific and related technical areas was envisioned and hence, the American Society of Nepalese Engineers (ASNEngr) came to fruition and a reality. Given below is a chronological list of some of the main activities that took place during the initial phase of the Society:

- Core coordinating group members to organize and establish the society Ramesh B. Malla, Ph.D. (CT); Jagannath Ghimire (MD, formerly in SC); Manish Shakya (SC); Bimal Karki, P.E. (SC); Prakash Khanal (MD, formerly in SC); Yubaraj Budhathoki, P.E. (VA, formerly in SC).
- Communication with Nepalese engineering and scientific committee.
- Decision on Society name and domain (American Society of Nepalese Engineers (ASNEngr); http://www.ASNEngr.org).
- Website launched http://www.ASNEngr.org (July 2007).
- Drafting of bylaws completed and placed on the society’s website for comments by general Nepalese engineers and scientists (August 2007).
- Ramesh B. Malla, Ph.D., presented about the proposed American Society of Nepalese Engineers at the General/Plenary session of the NASEA-ANMA joint convention on September 01, 2007.
- General Organizing Meeting held on September 02, 2007 at the NASEA-ANMA Joint Convention in Atlanta, GA (more than 70 individual attended).
Nepali engineers, architects and scientists residing in Tucson and Phoenix, Arizona area gathered at Tempe Library, Tempe to discuss the activities of the newly created American Society of Nepalese Engineers (ASNEngr). About 30 engineers and scientists including professionals and some students participated in the meeting and discussion (June 21, 2008).

The officers of the Steering Committee elected at the September 02, 2007 organizing meeting: Chair: Ramesh B. Malla, Ph.D. (CT); Vice Chair: Bimal Karki, P.E. (SC); General Secretary: Jagannath Ghimire (SC); Joint Secretary: Manish Shaky (SC); Information Secretary: Prakash Khanal (SC); Treasurer: Yubaraj Budhathoki, P.E. (VA).

Society registered in the State of South Caroline (September 24, 2008).

Full Steering Committee formed (November 2007, 72 members from various states in the U.S. and Canada). They included: Officers: Ramesh B. Malla, Ph.D. (Chair); Bimal Karki, P.E. (Vice Chair); Jagannath Ghimire (Secretary); Manish Shakyia (Joint Secretary); Prakash Khanal (Information Secretary); Yubaraj Budhathoki, P.E. (Treasurer). Advisors: Biswa Acharya, Ph.D. (GA); Rama Kanta Adhikary (CO); Krishna Niraula, P.E. (DC); Prahlad D. Pant, Ph.D. (GA); Sharad C. Shrestha, P.E. (IL); Samanta B. Thapa, Ph.D. (TN); Sharda J. Thapa (IL); Raja Prasad Upadhay (CO). Members At-Large: Dharma Acharya, Ph.D. (FL); Prabesh Acharya (GA); Ambika Adhikari, Dr. Des., AICP (AZ); Baikuntha Adhikari (AZ); Sanjeev Adhikari (MI); Gopal Adhikary (WI); Devendra M. Amatya, Ph.D., P.E. (SC); Simran Aryal (MN); Rajendra Bajracharya, Ph.D. (ID); Rajesh Bajracharya (Ontario, Canada); Subodh Bhandari, Ph.D. (CA); Rajendra Bhattarai, P.E. (TX); Karon Budhathoki (NY); naveen Dutta (CO); Bimal Devkota (MD); Ishwar C. Devkota, P.E. (NC); Laxman M. Devkota, Ph.D., P.E. (AZ); Thakur Dhakal (VA); Shiva Gautam, Ph.D. (MA); Samana Ghimire (MI); Shailesh Gopal (MA); Ishwar Gurung (CA); Sukh Gurung, Ph.D. (NJ); Upendra L. Joshi, P.E. (CA); Manish J. Karki (IA); Upendra Karn, D. En., P.E. (NJ); Ankit Kayastha (GA); Sunu Pratap KC (VA); Denjam Khadka (HI); Bhusan Khanal (WA); Purna Kharel (MO); Rajendra K. Khatiwada (KY); Prakash B.Malla, Ph.D. (GA); Usha Neupane (NY); Rudra Pandey, Ph.D. (MA); Sushil Paudyal (ONT, Canada); Indra B. Poudel (AZ); Rabin Pradhan (IL); Surendra Pradhan (MD); Dhan Pun (WA); Ananda Regmi (NM); Bhasu Rijal (MN); Jambala Ruit, P.E. (PA); Gopal Shah (AL); Prabhav Shah (NY); Shivam L. Sharma, Ph.D. (OR); Pradhumna Shrestha, P.E. (TX); Pramen Shrestha, Ph.D, P.E. (NV); Rajendra Shrestha, Ph.D. (TX); Roshan Shrestha (CT); Raj Tamang, P.E. (VA); Janak Thapa (TX); Khagendra Thapa, Ph.D. (MI); Binod Tiwari, Ph.D. (CA); Raju Tuladhar, Ph.D., P.Eng. (ALB, Canada); Susan Upadhay (GA); Upendra Wagley, P.E. (NY).

The term of the Steering Committee expired effective July 05, 2008 immediately following the election of new set of officers and the Board of Directors of the Society.

Bylaws finalized and approved by the full Steering Committee membership and posted on the website (January 01, 2008).

Membership application form and instructions drafted, finalized and posted on the Society’s website (February 2008).

Nomination/Election Committee formed for election of Officers and members of the Board of Directors of the Society [May 2008; Chair: Dr. Prahlad Pant, Lok Darshan Shrestha, Binay Sharma, Amit KC, and Shalik Wagle].

Vigorous Membership recruitment done from February to July 2008 (Approximately 75 individuals joined the Society, 9 of them at Fellow (Life) grade level). A slate of nominees for 6 ASNEngr officers and 30 at-large Board of Directors members prepared and sent to ASNEngr members for voting (June 2008).

The First Annual meeting of ASNEngr general membership, general election, and technical conference were held on July 04-05, 2008 at the ANA Annual Convention in greater Baltimore (Hunt Valley), MD.

Ramesh B. Malla, Ph.D. presented about the society at the ANA Convention Inauguration/General Assembly on July 04, 2008.

The Society’s Steering Committee met on July 04, 2008.

Technical Conference of the society took place on July 04, 2008.

The Society’s general membership meeting took place on July 05, 2008.

Following the general membership meeting, the Nomination/Election Committee completed the election of the Society officers (President, Vice President, General Secretary, Joint Secretary, Information Secretary, and Treasurer) and 30 at-large Board of Directors (BOD) members and results announced on July 05, 2008 (See page 1 for the list of the Board of Directors and officers).

The meeting of the new BOD members took place following the announcement of the election results.
Recently Completed and Ongoing Activities since July 05, 2008

The following highlights some of the recent and ongoing activities of ASNEngr that are noteworthy to readers.

- Annual meeting, Technical Conference and election of ExCom and BOD (at ANA Convention, Baltimore, MD; July 04&05, 2008).
- Published press release in English and Nepali in July 2008 (Thanks to ASNEngr Member Pradeep Khanal for translating the press release in Nepali).
- Membership Drive in Chicago, IL; July 27, 2008 (attended by Nepalese Ambassador Dr. Suresh C. Chalise).
- Paypal account acquired.
- Special Meeting at ANMA-NASeA convention, Omaha, NE; August 31, 2008 (Thanks to Dr. Bishnu Phuyal and Dr. Prahlad Pant).
- Meeting with Nepali Engineering Community in Vancouver, Canada on September 09, 2008 (Thanks to Dr. Rajendra Shrestha, Vice President of ASNEngr).
- ASNEngr Facebook (Thanks to ASNEngr member, Ms. Samana Ghimire).
- Website Updates and Database: Regular updates of Website on going. Online Membership Application acceptance Form and database was completed and made active in October 2008. Online Membership Renewal Form (completed). Online ASNEngr Conference abstract acceptance database/webpage created. (Thanks to Ms. Komal Dutta, Information Secretary.)
- Membership Drive in greater Chicago, IL; January 31, 2009 (Thanks to Dr. Bishnu Phuyal, Member, Board of Directors; Ms. Pratibha Phuyal, Treasurer, and Ms. Komal Dutta, Information Secretary.)
- 2nd ASNEngr Annual Meeting and Conference, July 03&04, 2009 – Call for Abstracts (CFA) for the 2nd ASNEngr Annual meeting and Conference was released in March. It was distributed widely to members and general Nepalese engineering and scientific communities. The revised CFA was also published and widely circulated via e-mail to its mailing list by NepalHorizons.Com on April 29, 2009. (Thanks to Dr. Ramesh B. Malla, Dr. Binod Tiwari and Mr. Pradeep Khanal).
- Bylaws Amendments – The first amendment included revising the Society’s Objectives and purposes and was effective May 15, 2009. Other amendments are forth coming.
- IRS Tax Exempt Application [Section 501 (c)(3) of the Internal Revenue Code] - form completion and gathering of relevant documentation began September 2008. The application has been mailed to IRS on May 22, 2009. (Thanks to the Society’s Officers: Dr. Ramesh B. Malla, Dr. Rajendra Shrestha, Ms. Pratibha Phuyal, and Mr. Jagannath Ghimire. Thanks also to Mr. Laxman Pradhan, CPA and Attorney Mukesh Singh for their comments and feedback.)
- Participation at the 11th convention of Nepal Engineers’ Association - On May 14, 2009, representing the Society, Dr. Rajendra Shrestha (Vice President of the Society), and Himal Karmacharya (Chair) and Gopal Shah (Vice Chair) of the Society's Nepal Liaison Committee attended the 11th convention of Nepal Engineers’ Association (http://www.neanepal.org.np/) in Kathamandu, Nepal. Dr. Shrestha presented a brief introduction of the Society and outlined the various areas where the two organizations (ASNEngr and NEA) could work together such as , technology transfer, research mentorships, providing grants, and research funding. An open invitation to the convention attendees was extended to submit abstracts and attend the 2009 ASNEngr Annual Conference to be held in Oakland, CA during July 03-04, 2009.
- As of now in 2009, the Board of Directors of the Society held meetings on Jan. 18, March 29, and May 31 via teleconference. This year the Board will also meet in-person at the Society’s Annual Meeting and Conference during July 03-04, at the venue of the Annual Convention of the American Association of Nepalis in Americas (ANA) in Oakland, CA.
- ASNEngr membership drive was initiated by Dr. Laxman Devkota and Pradeep Karna, both members of the ASNEngr Board of Directors, at the Nepalese and Friends of Nepal (NAFA) celebration of Nepalese New Year on April 11, 2009.
- Meeting with Nepali Engineering Community in Denver, CO June 07, 2009 (Thanks to Dr. Rajendra Shrestha, Vice President of ASNEngr for holding meeting with colleagues in Denver/Boulder area).

Major Activities Planned for 2009

The Executive Committee of ASNEngr has been discussing a broad range of items pertaining to the Society. The following major activities have been planned for 2009. The Society hopes to receive your full support for the successful and timely implementation of these activities:

- Establish scholarships to engineering students in colleges/institutions/universities in Nepal.
- Establish research grant awards to faculty members in engineering in Nepal.
- Sponsor senior year design projects in engineering colleges/institutions in Nepal.
- Undertake vigorous membership drive and outreach programs.
• Hold ASNEngr Annual Meeting and Technical Conference in the summer of 2009. This year, the ASNEngr Annual meeting and Conference will be held in Oakland, CA during July 03&04, 2009 at the venue of the ANA Annual Convention.

• Create a Career networking page on the Society’s website for “Job Needed,” “Help Wanted,” and “Resume Assistance” to help the members of the Society.

• Publish Newsletter of the Society. The first ASNEngr Newsletter is expected to be published electronically in February 2009.

The Society’s Annual Conference/Meeting is going to be one of our major events this year. We would like to bring a large group of Nepalese engineers and scientists as possible at the event and have vigorous and constructive technical and other discussions on relevant broader professional and career related issues. We look forward to your active participation.

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ASNEngr STANDING COMMITTEES

To assist the Board of Directors to accomplish specific purpose or activity of the Society, the following Committees are in effect. Members of ASNEngr are highly encouraged to assist and join a standing committee of his/her interest. Please contact the respective chair of the standing committee if you are interested to help.

1) Outreach and Membership Recruitment Committee – To promote and increase visibility of the Society, plan and carry out events to recruit members and raise funds to help carry out various activities of the Society.
Chair: Bishnu Phuyal, Ph.D. (IL)
E-mail: bishnu.phuyal@navteq.com
Vice Chair: "Sukh Gurung, Ph.D. (NY)
E-mail: sukhgurung@walla.com

2) Program Committee - To plan and carry out activities, events, and programs, including the annual meeting/conference, that benefit the members and Society as a whole. The first annual meeting & Conference of the Society took place at the venue of the 2008 ANA Convention, Hunt Valley (greater Baltimore area), MD.
Chair: Binod Tiwari, Ph.D. (CA)
E-Mail: btiwari@exchange.fullerton.edu
Vice Chair: Pradeep Khanal (CA)
Email: pradeepkhanal@gmail.com

3) Publication/Newsletter Committee – To publish newsletter to make the Society’s membership and general communities aware of the Society’s activities and plans.
Chair: Pradhunna Shrestha, P.E. (TX)
E-mail: pradhunna@hotmail.com
Vice Chair: Ms. Samana Ghimire (MI)
E-mail: nepsdg@gmail.com

4) Awards, Grants, and Scholarship Committee – To come up with recommendations to establish an award/scholarship, prepare/revise guidelines and application forms for Society’s awards, grants and scholarship, review applications received, make recommendation on applications, and make strategy plan and activities for growth of number and amount of awards, grants and scholarship of the Society.
Chair: Prahlad Pant, Ph.D. (GA)
E-mail: Everest@PDPassociates.com
Vice Chair: Upendra Joshi, P.E.
E-mail: uljoshi@hotmail.com

5) Bylaws Amendment and Membership Standard Committee – To collect comments, make changes (add or delete) and revise current Society’s Bylaws as needed and submit it for final approval to the Board of Directors. The current bylaws was approved by the Steering Committee and was made effective January 01, 2008.
Chair: Rajendra Shrestha, Ph.D. (TX)
Email: rajshrestha1234@yahoo.com
Vice Chair: Lok Darshan Shrestha (VA)
E-mail: Lokds579@hotmail.com

6) Society Registration/Tax Exempt Committee – To work toward acquiring non-profit tax exempt status of the Society with state and federal government.
Chair: Ms. Pratibha C. Phuyal (IL), Treasurer, ASNEngr
E-mail: pchaulagai@gmail.com
Members: Jagannath Ghimire, General Secretary; Rajendra Shrestha, Ph.D. Vice President; and Ramesh B. Malla, Ph.D. President

7) Website and Database Committee – To upgrade, improve, and maintain the Society’s website.
Chair: Ms. Komal Dutta (IL), Information Secretary, ASNEngr – E-mail: KomalDutta@hotmail.com
Vice Chair: Rajesh Bajracharya (ON, Canada)
E-Mail: Rajesh.Bajracharya@cgi.com

8) Technical Committee – To help in technology transfer and assist membership to keep abreast of new development in various engineering and related scientific fields. These committees will be area/topic specific.
Chair: Ambika Adhikari, Dr Des, AICP
E-mail: ambika@alum.mit.edu
Vice Chair: Kanhaiya Kayastha, P.E., S.E.
E-Mail: kkayastha@aol.com
9) **Membership Review Committee** – To make/revise guidelines and forms for membership application, review application received, make recommended on an application, and make strategy plan and activities for membership growth and for the benefit to the Society’s members.

Chair: Prakash Khanal (MD), Joint Secretary, ASNEgr
E-mail: PrakashKhanal@hotmail.com
Members: Jagannath Ghimire, General Secretary; Rajendra Shrestha, Ph.D.; and Ramesh B. Malla, Ph.D., President.

10) **Nepal Liaison Committee** - To work as a bridge between ASNEgr and various relevant organizations and government agencies in Nepal.

Chair: Himal Karmacharya (MA)
E-mail: hkarmach@gmail.com
Vice Chair: Gopal Shah (Kathmandu, Nepal)
E-mail: shah_g@yaho0.com

11) **Liaison Committee** - To make connection and work with other professional societies and Nepalese associations/organizations in the USA and beyond (other than in Nepal).

Chair: Upendra Karna, D. Eng, P.E. (NJ)
E-mail: ukarna@usengr.com
Vice Chair: Naveen Dutta (CO)
E-mail: ndutta@avaya.com

12) **Nomination and Election Committee** – To prepare a slate of candidates for Board of Directors and Officers of the Society. Members to be determined.

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**ASNEgr MEMBERSHIP DRIVE**

The Society’s membership year begins on the 1st of January and ends on the 31st of December. You are invited to join the Society. The online membership application is available at [http://www.asnengr.org/Membership/MembershipOnline.php](http://www.asnengr.org/Membership/MembershipOnline.php). If you are already a member and have not yet renewed your membership, please do so by visiting [http://www.asnengr.org/Membership/MembershipRenewal.php](http://www.asnengr.org/Membership/MembershipRenewal.php). Please consider encouraging your colleagues and friends to join the Society as a member as well. If you wish to be only on the Society’s mailing list at this time and get update time to time, we welcome you to do so too. To be included in the Society's mailing list, an individual needs to simply submit his/her contact information via the “Contact Us” page on the Society's website (http://www.asnengr.org/contact.html).

**Nepali Engineers and Scientists of Arizona Gathering at Tempe Library**

On June 21, 2008, Nepali engineers, architects and scientists residing in Tucson and Phoenix of Arizona had a first meeting at the Tempe Library in Tempe to discuss the activities of the newly created American Society of Nepalese Engineers (ASNEgr). About 30 engineers and scientists including professionals and students participated in the meeting.

Nepalese and Friends Association (NAFA) vice president (current president) Pradeep Karna played vital role in bringing the area engineers and professionals together to this forum. Senior engineers and scientists of the community, Dr. Ambika Adhikari, Dr. Laxman Devkota and Mr. Arun Sharma answered most of the questions put forward by the participants. Dr. Ambika Adhikari and Dr. Laxman Devkota were both members of the Steering Committee of the Society then. Currently, Dr. Devkota and Mr. Karna are serving as members of the Board of Directors and Dr. Adhikari as the Chair of the Technical Committee of ASNEgr.

Dr. Ramesh Malla, current president (then chair of the Steering Committee) of ASNEgr, was the chief guest who joined the meeting via teleconference. Dr. Malla explained the objectives of ASNEgr. Most of the students and professionals promised to become a part of ASNEgr and several of them are now formal members of the Society. Dr. Ambika Adhikari and Mr. Pradeep Karna suggested having similar gathering once every year in Arizona and next was planned to be held in June, 2009. The gathering received a warm response to the membership drive. There was much needed interest in ASNEgr from the engineering and scientific community in Arizona. It was expected that the Nepali engineering and scientific professionals from Arizona would be actively involved in the activities of ASNEgr.

**ASNEgr 1st Annual Meeting and Conference (Hunt Valley/Baltimore, Maryland, July 04 & 05, 2008)**

The American Society of Nepalese Engineers (ASNEgr) held its very successful 1st Annual Meeting & Conference during July 4-5, 2008 at the Association of Nepalese in the Americas (ANA) Convention in Hunt Valley (Greater Baltimore area), Maryland.

The meeting started on Friday, July 04 with an introductory presentation on ASNEgr and its many significant activities/achievements during its first year of operation by Ramesh B. Malla, Ph.D., Chair of the Steering Committee (governing body) of the Society. Earlier that day, Prof. Malla also made a presentation about the Society to the General Assembly of ANA. The day ended with technical presentations on a variety of
topics. They included “Petroleum Exploration in Nepal” by Dr. Rajendra Shrestha of ConocoPhillips Company, Houston, TX; “Software Development and Out Sourcing in Nepal – A Case Study” by Himal Karmacharya of D2Hawkeye, Inc., MA.; “Reliability of the High-k Gate Stack in CMOS devices ” by Pradeep Khanal of University of Texas, Austin, TX; and “Engineering & Construction on the Moon – A New Frontier of Exciting Challenges for Engineers to Conquer” by Dr. Ramesh B. Malla of University of Connecticut, Storrs, CT.

The second day, July 5th, started with the general meeting of the society membership followed by the election of the Society’s Officers and the Directors. Following the announcement of the election results by Prof. Prahlad D. Pant, Chair of the Election/Nomination Committee, the meeting of the newly elected Board of Directors (Officers and Society Directors) discussed the Society’s future plan and activities. The members of the Steering and the Nomination/Election Committees were also recognized in the meeting by presenting them with Certificates of Appreciation.

Meeting at the University of British Columbia, Vancouver
Vice President Dr. Rajendra K. Shrestha organized a special meeting with Nepali friends at University of British Columbia on September 9, 2008. Dr. Shrestha introduced the Society’s objectives and activities in a slide presentation to local Nepali engineers and scientists and invited them to join the Society. The meeting was attended by the following individuals: Sanjay Regmi, Bishnu Pandey, Umesh Phuyal, Satish Chadra Jha, Madhav P. Nepal. Dr. Shrestha requested the participants to spread the news about ASNEngr by word of mouth, since many professionals from Vancouver area were unable to attend the meeting in a short notice, as well as extended appreciations to the participants for their time and Umesh Phuyal ji for kindly organizing the meeting.

From left to right: Mr. Bishnu Pandey (PhD student), Mr. Madhav Nepal (PhD student and Secretary, Canadian Society of Civil Engineers), Dr. Rajendra Shrestha (Vice President, ASNEngr), Mr. Umesh Phuyal (PhD student), Mr. Sanjay Regmi (Computer Professional), and Mr. Satish Chandra Jha (PhD student) – September 9, 2008.

Chicago Area Engineers, Scientists and Technologists Picnic Program
On behalf of American Society of Nepalese Engineers (ASNEngr), Chicago Land Area held its very successful first gathering of Engineers, Scientists, and Technologists on Sunday, July 27, 2008 at Prospect Height Park. The purpose of the Picnic was to have a fun summer gathering with family and friends, have interaction with the Engineers, inform the engineers about ASNEngr, and request/encourage them to join the society. There were over 100 attendees including kids.

His Excellency Nepali Ambassador Dr. Suresh Chandra Chalise and Honorary Consul General of Nepal in Chicago Mr. Marvin Brustin and his wife attended the Picnic as well. There were a series of short presentations and introductory programs organized during the Picnic. It started with an introductory presentation by Dr. Bishnu Phuyal (Member of the ASNEngr Board of Directors) followed by presentation from Ms. Komal Dutta (Information Secretary of ASNEngr) on current stage of ASNEngr website and initiative being taken to upgrade it for electronic membership registration and presentation from Ms. Pratibha C. Phuyal (Treasurer of ASNEngr) on how to join the society. HE Ambassador expressed his great satisfaction to see such a great talent of knowledge and skill coming together to establish a society. Honorary Consulate General expressed his happiness to see growing number of Nepalese in Chicago area.
Second Bi-Annual Gathering Summary of Chicago Area Scientists, Engineers and Technologists

On behalf of American Society of Nepalese Engineers (ASNEngr), Chicago Land Area engineers, scientists and technologists held second successful gathering of Scientists, Engineers and Technologists on Saturday, January 31, 2009. The purpose of the gathering was to (1) update the progress made so far by the Society and in particular contributions made by executive members of Chicago area Ms. Komal Dutta and Ms. Pratibha Phuyal and a number of other engineers, (2) request everyone to become member or renew their membership on-line for the year 2009, (3) deliberate on various tasks the society can engage or to implement in North America and in Nepal, (4) enjoy with friends and families together, and (5) take a lead on organizing Society local level bi-annual event.

Over 100 attendees including children were present. Several children presented music, martial arts, computer history and its future, etc. Mr. Rajeev Dahal spoke on behalf of the society and requested everyone to participate in society activities to help it succeed in its objectives. Three engineering technology papers were presented by Kiran Adhikari, Aashish Pathak and Sajana Chitrakar on Water Supply System in Chicago; by Yagna Pant on information on various free applications to enhance home computer experience; and by Ankur Sharma on Web2.0 – the past, present and future and introducing Web2.0 in ASNEngr website. A presentation and interactive discussion to collect preferences on 11 different ideas gathered by the society to undertake was presented by Prabhakant Das.

Over 100 attendees including children were present. Several children presented music, martial arts, computer history and its future, etc. Mr. Rajeev Dahal spoke on behalf of the society and requested everyone to participate in society activities to help it succeed in its objectives. Three engineering technology papers were presented by Kiran Adhikari, Aashish Pathak and Sajana Chitrakar on Water Supply System in Chicago; by Yagna Pant on information on various free applications to enhance home computer experience; and by Ankur Sharma on Web2.0 – the past, present and future and introducing Web2.0 in ASNEngr website. A presentation and interactive discussion to collect preferences on 11 different ideas gathered by the society to undertake was presented by Prabhakant Das.

NRN activities and urged everyone to take interest and contribute for the NRN cause as well as provide input for constitution building. Honorary Consul General of Nepal in Chicago Mr. Marvin Brustin and his wife Ms. Allison Brustin attended the gathering. Mr. Brustin expressed happiness to see everyone active professionally. Mr. Ramakant Kharel, Mr. Kiran Byanjankar and Vivek Kunwar, Mr. Balaram Ghimire and Mr. Jagadish Bhandari sponsored various prizes for all the children who participated. There were raffle and bingo during the program.

Ms. Sangeeta Subedi conducted the program very smoothly. Dr. Bishnu Phuyal, ASNEngr Board of Directors, thanked all the organizer of the gathering and the sponsors for the prizes. Dr. Phuyal expressed the need for all of us to be united professionally and be more active to achieve successes achieved by other larger communities in comparison to our smaller one to help ourselves, to provide opportunity to our younger children and to our country.

Membership Drive in NAFA Gathering in Phoenix, Arizona

The Nepalese and Friends of Nepal (NAFA) from Arizona and New Mexico gathered in Phoenix (Scottsdale), Arizona to celebrate the Nepalese New Year on April 11, 2009. As discussed in the previous Board of Directors (BOD) meeting of the American Society of Nepalese Engineers (ASNEngr), a membership drive was initiated by the family of BOD member Dr. Laxman Devkota, including Bina Devkota and daughter Samjhana. The phone numbers and e-mails of the current and prospective engineers/technocrats from the area were collected during the drive to create a membership database. Dr Ambika Adhikari, Technical Committee Chair of ASNEngr, addressed the gathering encouraging the engineers to join ASNEngr and to actively participate in its activities. The database was later forwarded to ASNEngr Treasurer.

Overall, there was a warm response to the membership drive. Drs. Devkota and Adhikari stressed ASNEngr's stated policy that in addition to engineers, the Society is open also to all scientists and technocrats having expertise and qualifications in areas related to engineering.

Ms. April Lewton from AAI (http://www.aaichicago.org) was invited speaker to inform Asian-American Community Initiatives and Goals sponsored by various social organizations from different Asian Countries in Chicago Area. Mr. Sharda Thapa gave an overview of
Meeting in Denver, Colorado
A lunch meeting at the Wok Uptown restaurant near downtown Denver, Colorado, on June 7, 2009, was participated by Mr. Naveen Dutta, member of the ASNEngr Board of Directors, Mr. Raja P. Upadhyay, Mrs. Prabha Upadhyay, Mr. Kiran Dangi, Mr. Bibek Regmi, and Dr. Rajendra K. Shrestha, Vice President, ASNEngr.

Dr. Rajendra Shrestha distributed copies of preliminary draft of ASNEngr newsletter, briefly discussed the objective and purposes of the Society, explained the online capabilities of the Web site www.ANEngr.org, and extended invitation to the upcoming Second ASNEngr Annual Meeting and Technical Conference in Oakland, California, scheduled on July 3-4, 2009.

Two important issues were raised during the meeting. The first one by Mr. Raja Upadhyay was a suggestion to hold an ASNEngr Conference on a national level - independent of the ANA Convention - in order to create strong interest and active participation by the Nepali Engineering and related Scientific and Technical Communities in the USA and Canada. The second one put forth by Mr. Naveen Dutta was a call to initiate a program by ASNEngr, geared towards reaching out, creating interest and motivating the new generation of Nepali students in Science and Engineering, in order to increase the enrollment in schools, colleges and universities, in light of the dwindling number of Nepali students in these majors in the US.

All the participants expressed strong support for ASNEngr and pledged to become its member in the nearest future.

Finally, Dr. Shrestha extended thanks to everybody for participating and Mr. Dutta for organizing the meeting in a short notice.

BEYOND ENGINEERING

Chicago Land ASNEngr Members Embrace Social Activities
A number of Bhutanese refugees of Nepalese origin camped in Nepal are settling in the US as part of UN initiated resettlement program. America has agreed to resettle 60,000 of them. Over 60 families have already arrived in Chicago and many more are expected to come. A number of ASNEngr members and volunteers from Chicago land have been pro-actively involved in helping to some of the newly arrived Bhutanese-Nepalese, socializing and understanding where they need help. On Mar 7th 2008, group of volunteers (Prabhakant Das, Ankur Sharma, Prasanna/Sangita Subedi) got together and visited few of the families. They were there to support the families with the followings.

- Distribution of computers (computers donated by Kumar Mainali, Yagna Pant and Ankur Sharma)
- Setup up and provide basic training on how to protect the computers against virus, spyware, etc.
- Distribution of tv/vcr (donated by Shreya/Pruthvish Shah)
- Collected and repaired some old computers from them (Prabhakant Das has been actively involved in repairing computers)
- Socialize and understanding their needs/difficulties and providing them moral support as well as valuable tips to cope with cultural change.
Dr. Bishnu Phuyal is actively working with some of them to get drivers license. In addition, Ms. Sangita Subedi is also coordinating to prepare an inventory of computer parts, accessories that was donated, and reaching out to the Nepalese in Chicago land area asking for their support to donate any such items. She is also coordinating other efforts to bring more Nepalese and friends to continue and increase the voluntary help.

AWARDS AND RECOGNITIONS

Dr. Bishnu Phuyal receives Illinois Secretary of State Humanitarian Award 2009

Office of the Illinois Secretary of State selected Dr. Bishnu Phuyal as one of the recipients of the Illinois Secretary of State Humanitarian Award 2009. This award is presented to those who have made significant contribution to the community services. One person is recommended by the representative of each community to the Asian American Advisory Council of the Illinois Secretary of State. The award is presented by the Illinois State Secretary.

The Award ceremony took place on May 19, 2009. Dr. Phuyal is a very active member of the Board of Directors of ASNEngr and also serving as the Chair of the Outreach and Membership Recruitment Committee.

Born in Nepal, Dr. Bishnu Phuyal is an engineer by profession and works at NAVTEQ in Chicago since 1998. He is married to Ms. Sharmila Phuyal and has two sons Biswa, 25 and Dibya, 24.

Dr. Phuyal spends time to support and advance the cause of the American Society of Nepalese Engineers. He is one of the board of directors and chairperson of outreach and member recruitment committee of the society.

For several years Dr. Phuyal has been involved in various community social and spiritual activities. Notable one is a very successful congregation of Nepalese in Chicago land area in a temple once every month for worshipping and spiritual discourses. He advocates to fellow Nepalese and friends for charitable works. His recent involvement includes coordinating with a number of fellow Nepalese to reach to newly resettled Bhutanese refugees of Nepalese origin in Chicago area to support them with social, cultural and religious needs that they missed dearly since they were forced out from their homeland in the early 1990.

Dr. Ramesh B. Malla to serve as the Technical Chair of the 2010 AIAA/ASME/ASCE/AHS/ASC Structures, Structural Dynamics and Materials (SDM) Conference.

ASNEngr Founding President and Fellow (Life), Ramesh B. Malla, Ph.D. has been selected to serve as the Technical Chair of a very prestigious and premier international conference – 51st AIAA/ASME/ASCE/AHS/ASC Structures, Structural Dynamics and Materials (SDM) conference to be held in Orlando, FL during April 12-15, 2010 (For conference information, please visit http://www.aiaa.org/events/sdm). This conference is usually attended by more than 700 individuals and attracts more than 650 technical presentations/papers from experts in the related fields worldwide.

Dr. Malla has a long history of service to three of the professional societies, AIAA, ASCE and ASME that are sponsors of this conference. He has been a member of American Society of Civil Engineers (ASCE), American Society of Mechanics Engineers (ASME), and American Institute of Aeronautics and Astronautics (AIAA), continuously for the last 28, 22 and 21, respectively.

Dr. Malla is currently an Associate Professor in the Department of Civil & Environmental Engineering at the University of Connecticut, Storrs, CT. His research experiences are in the areas of applied and structural mechanics, finite element analysis, dynamics, and vibration of structures. Some of his current and recent past research topics include finite element modeling of percussive dynamic devices for Lunar applications, mechanics of small-scale innovative hydropower system, bridge expansion joint sealant, subgrade soil resilient modulus, monitoring of infrastructures and weigh-in-motion of highway vehicles using fiber optic sensors, experimental and analytical studies of granular materials, dynamic response of truss-like structures during progressive failure, and analysis of structures in orbit and on the Moon. His research work has been supported by several federal and state agencies and industry, including the National Science Foundation (NSF), the National Aeronautics and Space Administration (NASA), NCHRP-IDEA program of the FHWA/National Academy of Sciences, New England Transportation Consortium, Connecticut Department of Economic Development, Connecticut Space Grant Consortium, Honeybee Robotics Spacecraft Mechanism Corporation, and Hamilton Sundstrand Space Systems International, Inc. Dr. Malla has been active in national and international professional activities. He is an active member of ASCE, ASME, AIAA, and AAM. He has actively
served/is serving on several ASCE and AIAA technical Committees, several on the capacity of Committee chairs in the Aerospace Division. He has served in the organizing/steering committees of more than 20 national and international conferences, served as the General Chair and Technical Chair for 2 international conferences (Earth & Space 2004 and 2006 conferences) and organized/chaired/co-chaired more than 40 technical sessions. He has also reviewed several national and international journals, and books. He has more than 80 technical journal, conference, and other publications. He served as the Editor of an ASCE special volume entitled “Dynamics and Progressive Failure of Special Structures” and 2 international conference proceedings titled “Engineering, Construction and Operations in Challenging Environments.” He was the Guest Editor for the April 1998 Special Issue of the Journal of Aerospace Engineering and an Associate Editor of the AIAA Journal of Spacecraft and Rockets during 1996-2001. He has served on the Editorial Boards of the ASCE Journal of Aerospace Engineering, the International Journal of Space Structures, and 8 conference proceedings.

**Dr. Upendra L. Karna to serve as the President of New Jersey State Section of ASCE**

Dr. Upendra L. Karna, P.E., a life fellow member and Executive board member of ASNEngr and the President of U&S Engineers, a Civil Engineering Consulting firm in New Jersey, has been elected on the position of the President of New Jersey State Section of American Society of Civil Engineers (ASCE). New Jersey State has three branch sections and more than 4000 ASCE members. ASCE is one of the largest and oldest professional organizations in the U.S. with membership base throughout the world. He will serve his term as the President of the ASCE NJ State Section from October 2009 to September 2010. He is the first individual of Asian origin elected to lead this prestigious organization. The ASENgr family is proud for his achievement and wishes him good luck for his presidency.

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**technical paper presentations at the first annual meeting July 2008**

The following technical papers were presented at the First Annual Meeting and Conference of ASNEngr held on July 04 & 5, 2008 in Hunt Valley/Baltimore, Maryland.

1) “Petroleum Exploration in Nepal” by Dr. Rajendra Shrestha,* ConocoPhillips Company, Houston, Texas. (*Dr. Shrestha is the current Vice President of ASNEngr)

**Abstract:**
Discovery of commercial quantities of hydrocarbons (petroleum) has the ability to transform a nation from an impoverished state to one of prosperity, wealth, and political power by tremendously contributing to its economy in an instant. The petroleum exploration process is very time-consuming and requires a great deal of highly advanced technological work, supported by heavy financial investment. Cairn Energy - which is aggressively pursuing petroleum exploration, development, and production activities in India and Bangladesh - has acquired concessions from Government of Nepal with a 100 percent operating interest. The concession includes five blocks (Block 1, 2, 4, 6 and 7) in the Terai and foothill regions of western and central Nepal. Cairn Energy has already completed the study of satellite geology of the area and is planning to conduct airborne gravity and magnetic survey and acquire seismic survey in 2008 and 2009. Petroleum exploration in Nepal was launched in 1979 under Petroleum Exploration Promotion Project of Department of Mines and Geology by initiating the Airborne Magnetic Survey of 2,400 line kilometers over the Siwalik and Terai area, made possible by the World Bank financial assistance. The goal was to perform preliminary assessment of the oil and natural gas potential in the country. The successful completion of this survey led to an additional financial support for acquiring over 5,000 kilometers of seismic data on a regional scale, between 1982 and 1992. Nepal is considered a frontier province, or a lightly-explored area, for petroleum exploration. Thus far, the country has seen only one exploration well (Shell Biratnagar #1) drilled in...
Radhanagar, close to Biratnagar, in 1989 by Royal Dutch Shell and Triton Energy, which turned out to be a dry hole. The Nepali diaspora/Non-Resident Nepalis (NRNs) can play a significant role in petroleum exploration in Nepal by:
1) Providing financial investments in collaboration with international oil/gas firms,
2) Providing consulting services;
3) Sharing their hands-on experience; and
4) Training the national engineers and geoscientists in the State-of-the-Art technologies in various aspects of petroleum exploration, development and production.

2) “Software Development and Out Sourcing in Nepal – A Case Study” by Himal Karmacharya*, D2Hawkeye, Inc., Massachusetts. (*Mr. Karmacharya is currently a member of the Board of Directors of ASNEng. He also serves as the Chair of the Nepal Liaison Committee of the Society.)

Abstract:
Software Development is an emerging business sector in Nepal. Because software development is suitable for remote collaboration and development it offers real opportunity for our country. We are making real strides in this area. Already there are more than 100 software companies in Nepal that have more than 10 employees. There are about 30-35 colleges and universities which offer a degree in computer science. They churn out an average of 40 graduates every year. There are many challenges in outsourcing. Some include: perception of the political climate in Nepal, ability to recruit qualified people, infrastructure, project management, and resource fatigue due to different time zones. Our experience in software outsourcing has taught us the importance of implementing software development process. It helps set realistic expectation on the part of our development process. It helps set realistic expectation on the part of our development team as well as our customers and helps establish reliable and repeatable system for success.

Opportunities for Nepalese diasporas include entrepreneurship due to obvious cost competitiveness. Recently there are also opportunities for employment as there are some multinational companies that are setting shop in Nepal. With these come sophisticated projects as well as attractive compensation and benefits. There are many opportunities available for students and researchers to collaborate with their peers in Nepal. Other areas for involvements include mentorship of university projects and young engineers who are just entering the job market. One could also participate in and encourage adoption of open source initiatives such as Nepali Linux and D2Labs.

3) “Reliability of the High-k Gate Stack in CMOS devices” by Pradeep Khanal*. The University of Texas, Austin, Texas (Presently at Intel, Santa Clara, California) (*Mr. Khanal currently serves as the Vice Chair of the Newsletter Committee of ASNEng. He is also serving as the Co-Technical Chair of the 2009 ASNEng Conference.)

Abstract: Metal-oxide-semiconductor field-effect-transistor (MOSFET) has been the backbone of integrated circuits (IC) for decades now. Some IC chips, especially computer microprocessors these days comprise of billions of MOSFET devices. In order to enhance circuit performance, reduce power consumption and costs, MOSFETs have been shrinking in size to the order of few nanometers (a human hair’s diameter measures about 100,000 nanometers). This unprecedented shrinking in size has led to some reliability concerns, like increased leakage currents.

To cope up with these concerns, there has been works to replace silicon dioxide, the gate oxide material since its inception with higher dielectric, k, materials thereby increasing gate capacitance without any significant leakage effects. Hafnium oxide, HfO₂ has been the high-k material of choice because of its electrical characteristics. As we move on to these new materials, we need to take a look at new reliability issues. My research project looks into the reliability of the devices with these high-k materials by identifying the “weak” link in the stack.

4) “Engineering & Construction on the Moon – A New Frontier of Exciting Challenges for Engineers to Conquer” by Dr. Ramesh B. Malla*, University of Connecticut, Storrs, Connecticut. (*Dr. Ramesh B. Malla is the current President of ASNEng)

Abstract: The National Aeronautics and Space Administration (NASA) of the United States of America had gathered valuable information on the moon from the human Apollo program in the 1960’s and 1970’s (first Apollo landing on the Moon, July 20, 1969; last Apollo landing on the Moon December 19, 1972 ).
During the Apollo program and a decade or so following the last Apollo flight, there were increased research and development activities on various scientific and engineering aspects related to the Moon. However, the excitement had waned considerably since mid 1990’s until President George Bush’s announcement in January 2004 the United States’ commitment to return to the moon by 2020 for permanent human presence and settlement and go to Mars after 2030. This has once again invigorated the interest for substantial exploration and development of lunar and Martian bases. The scientific, engineering, and commercial sectors with interest in space exploration worldwide have begun to increase activities to explore and develop the Moon for human habitation.

This presentation gives an in-depth overview of many challenges that engineers have to face in designing and constructing lunar habitats/structures for human habitation and other engineering activities on the Moon as the Moon has extreme and harsh environment. First, the harsh lunar environment is described. The lunar environment includes complete lack of atmosphere (hard vacuum), absence of moisture, micrometeorite bombardments, reduced gravity, moonquakes, severe temperature extremes, and drastic solar radiation exposure. There are several benefits from the human exploration of the Moon, including: Natural Resources – minerals; Energy (solar) and He3; Stepping stone to other planetary and space voyages; Medical research; Scientific and engineering innovation; Astronomy – better understand our universe; and Long term benefit – Save Earth Resources and human race. For a long term human settlement on the moon, there are many facilities that need to be in place on the Moon, such as Pressurized Habitats, Power, Launch/Landing Facilities, Roads, Radiation Protection, Food Growing Facilities, and Mining/Manufacturing Facilities.

Finally, the design and analysis of a possible human habitat made of a composite structural assembly consisting of pressurized three-dimensional frame and membrane is presented. Some of the structural and functional requirements of a lunar habitat include: (1) containing internal pressure without leakage; (2) supporting shielding mass and support systems; (3) limiting/withstanding local damage and loss of internal pressure; (4) being inspectable and repairable; (5) allowing heat dissipation; (6) being durable in harsh lunar environment; (7) using in situ material for construction (thus reducing the payload to be carried from the earth); (8) being easily deployed/assembled/constructed; (9) being feasible to be built entirely under or over the ground, as well as partly under and partly over the ground. Furthermore, the structure system should be designed such that its construction can expanded easily to accommodate increase needs in the future.

The lunar structure should provide protection from Cosmic/Solar radiation, meteoroid impact and temperature extremes. It has been suggested that this shielding can be provided by a layer of regolith (lunar soil) placed atop the base roof. The advantages of using regolith are numerous. Vacuum is a superb insulator, and the presence of hard vacuum between grains of lunar regolith (soil) makes the layer a very poor thermal conductor. This insulates the base from the extreme temperature changes that occur during the diurnal cycle.

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Press Release
July 08, 2008

American Society of Nepalese Engineers (ASNEngr) elects the First Slate of Executive Officers and Society Directors at its Historic First Annual Meeting

The American Society of Nepalese Engineers (ASNEngr) held its very successful First Annual Meeting & Conference during July 4-5, 2008 at the Association of Nepalis in the Americas (ANA) Convention in Hunt Valley (greater Baltimore area), Maryland. The meeting started on Friday, July 04 with an introductory presentation on ASNEngr and its many significant activities/achievements during its first year of operation by Ramesh B. Malla, Ph.D., Chair of the Steering Committee (governing body) of the Society. Earlier that day, Prof. Malla also made a presentation about the Society to the General Assembly of ANA. The day ended with technical presentations on a variety of topics. They included “Petroleum Exploration in Nepal” by Dr. Rajendra Shrestha of ConocoPhillips Company, Houston, TX; “Software Development and Outsourcing in Nepal – A Case Study” by Himal Karmacharya of D2Hawkeye, Inc., MA; “Reliability of the High-K Gate Stack in CMOS devices” by Pradeep Khanal of University of Texas, Austin, TX; and “Engineering & Construction on the Moon – A New Frontier of Exciting Challenges for Engineers to Conquer” by Dr. Ramesh B. Malla of University of Connecticut, Storrs, CT.

The second day, July 5th, started with the general meeting of the society membership followed by the election of the Society’s Officers and the Directors. Following the announcement of the election results by Prof. Prahlad D. Pant, Chair of the Election/Nomination Committee, the meeting of the newly elected Board of Directors (Officers and Society Directors) discussed the Society’s future plan and activities. The members of the Steering and the Nomination/Election Committees were also recognized in the meeting by presenting them with Certificates of Appreciation.

According to the election results, Ramesh B. Malla, Ph.D. (CT) was elected as President; Rajendra Shrestha, Ph.D. (TX) as Vice President; Jagannath Ghimire (MD) as General Secretary; Prakash Karmacharya (SC) as Joint-Secretary; Pratibha Chaudhary (IL) as Treasurer; and Komal Dutta (IL) as Information Secretary. The following individuals have been elected as member-at-large to serve on the Board of Directors of the Society: Devendra M. Amaty, Ph.D., P.E. (SC); Rajendra Bajracharya, Ph.D., P.L.S. (ID); Rajesh Bajracharya (ON, Canada); Subodh Bhandari, Ph.D. (CA); Rishi Bhattacharjee, P.E. (TX); Yubaraj Budhathoki, P.E. (VA); Naveen Dutta (CO); Bimal Devkota, P.E. (MD); Laxman Devkota, Ph.D., P.E. (AZ); Bishnu Prayal, Ph.D. (IL); Sukh Gurung, Ph.D. (NY); Upen德拉 Lal Joshi, P.E. (CA); Bimal Karri, P.E. (SC); Himal Karmacharya (MA); Pradeep Karmacharya (AZ); Upen德拉 Karma, D.Eng., P.E. (NY); Raju Kharel (GA); Prakash B. Malla, Ph.D. (GA); Usha Neupane (WI); Sushil Poudyal (ON, Canada); Jambula Ruit, P.E. (PA); Gopal Shah (Nepal); Manish Shukla (SC); Shyam Sharma, Ph.D. (OR); Pradhumna Shrestha, P.E. (TX); Pranen Shrestha, Ph.D., P.E. (NV); Rajendra Shrestha, Ph.D. (FL); Khagendra Thapa, Ph.D. (MI); Binod Tiwari, Ph.D. (CA); and Upen德拉 Wagle, Ph.D. (NY).

All members and friends of Nepalese engineering and scientific communities are invited and encouraged to become members and support the activities of the Society. Since the first call for official membership in the Society was issued in February, 2008, there has been an extremely enthusiastic response. The Membership application form and detailed information on the Society and updates on its recent activities can be found on the Society’s website at http://www.ASNEngr.org.

American Society of Nepalese Engineers (ASNEngr) - a non-profit organization – 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 also strives at promoting engineering and technological advancement in Nepal. The Society was formally launched at the first general organizational meeting held on September 02, 2007 at the 2007 NASA-AMSA Joint Convention in Atlanta, Georgia. It was registered (incorporated) in the State of South Carolina on September 24, 2007. More information on ASNEngr can be found on the Society’s website at http://www.ASNEngr.org.
ANNOUNCEMENT & CALL FOR ABSTRACTS

American Society of Nepalese Engineers (ASNEngr) cordially invites you to participate in its Second Annual Conference 2009
“Engineering and Science for Sustainable Development of the Society”

Date: July 03-04, 2009
Venue: Oakland Convention Center (Oakland Marriott Hotel City Center), Oakland, CA

Abstracts Due date: May 21, 2009

Engineers, scientists and others from closely related disciplines will gather to discuss on the recent developments in engineering, science and practice and its impact in social and economic growth. The conference will be held at the venue of the 2009 Annual Convention of the Association of Nepalis in Americas (ANA) which is being held in Oakland, CA during July 01-05, 2009.

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

- Research & Development in Engineering and Technology
- Engineering Problems and Solutions in Developing Countries like Nepal
- Application of scientific/engineering technologies into practice (Technology transfer)
- Information Technology and Its Role in the Society
- Need and challenges for Research/Technical Collaborations
- Design and Construction Practices
- Engineering and Scientific education

Abstracts - All who wish to present their work at the Conference are invited to submit an abstract of about 300 words by May 21, 2009 to ASNEngr website at http://www.asnengr.org/Activity/CollectAbstractDetails.php. Submitted abstracts will be reviewed by the members of the Conference Technical Committee to determine their suitability for presentation at the Conference, and authors will be notified by May 30, 2009. If you have any problem submitting abstract via the ASNEngr website, please contact us at (or e-mail the abstract to) Info@ASNEngr.Org.

Abstract Submission Format: (1) Provide 1” margin on all sides. (2) 1st line: Type the title of presentation/ paper (Arial, 14 point font, bold and centered). (3) Leave one blank line below paper title and provide authors’ information - name, affiliation, city, state, country, and email address for each (use Times New Roman, 12 point font and centered). (4) Leave a blank line below the last author’s information and type heading ABSTRACT (use Times New Roman, 12 point font, bold, underlined and centered). (5) Leave a blank line below the abstract heading and provide abstract text of approximately 300 words rest of the page (use single space, Times New Roman, not less than 10 point font, align text to left and right margins). Please limit abstract to 1 page.

Conference Organizing Committee contacts:
General Chair: Ramesh B. Malla, Ph.D., University of Connecticut, Storrs, CT, U.S.A
E-mail: MallaR@engr.uconn.edu/ Tel.: 860-486-3683)

Technical Chair: Binod Tiwari, Ph.D., California State University, Fullerton, CA, U.S.A.
(E-mail: btiwari@Exchange.Fullerton.edu/Tel. 714-278-3968)

Technical Co-Chair: Pradeep Khanal, INTEL, Santa Clara, CA, U.S.A.
(E-mail: PradeepKhanal@gmail.com/Tel: 408-771-6762)

OPEN INVITATION TO ATTEND ANNUAL MEETING AND CONFERENCE

American Society of Nepalese Engineers (ASNEngr) cordially invites you to attend its

2009 Annual Meeting and Conference

Date: Friday, July 03 and Saturday, July 04, 2009

Venue: Oakland Convention Center (Oakland Marriott Hotel City Center) Oakland, CA
[with the 2009 Annual Convention of the Association of Nepalis in Americas (ANA)]
1001 Broadway
Oakland, California 94607 USA
Phone: 1-510-451-4000

Program-At-A-Glance

Friday, July 03, 2009:
10:00 AM - 10:30 AM – Opening Program
10:30 AM - 12:00 Noon --- Technical Presentation
12:00 Noon - 1:00 PM -- Lunch Break
3:30 PM - 5:00 PM – Panel Discussion on Knowledge Sharing for Career Advancement

Saturday, July 04, 2009:
9:00 AM - 12:00 Noon -- Technical Presentations
12:00 Noon - 1:00 PM -- Lunch Break
1:00 PM - 2:30 PM -- Annual General Body membership and Board of Directors (BOD) meeting

Visit: http://www.ana-convention.org/2009/ for more detail on ANA convention and registration