

Welcome To

ASNEngr

American Society of Nepalese Engineers

The 3rd ANNUAL CONFERENCE AND GENERAL MEMBERSHIP MEETING

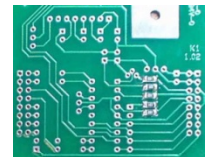
of

**American Society of Nepalese
Engineers (ASNEngr)**

July 03-04, 2010/Boston, MA

<http://www.ASNEngr.org>

PO Box 39524
Baltimore, MD



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Welcome & Opening Remarks

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American Society of Nepalese Engineers

<http://www.ASNEngr.org>

2010 Joint ASNEngr/CAN-USA Annual Conference and a Brief Introduction of American Society of Nepalese Engineers (ASNEngr)

**by Ramesh Malla, Ph.D.
President and Conference General Chair
American Society of Nepalese Engineers (ASNEngr)**

www.ASNEngr.org

Boston, MA, U.S.A.

July 03, 2010

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BRIEF HISTORY

- ASNEngr Website Launched/Draft By-Laws published for comments - July 2007
- Society formed/Steering Committee officers elected – Sept 02, 2007 (NASeA-ANMA Convention, Atlanta, GA)
- Registered non-profit in South Carolina, Sept 24, 2007
- Bylaws approved by Steering Committee – 01 Jan 2008
- 1st Annual Conference and meeting: July 4-5, 2008 at ANA Convention, Hunt valley/Baltimore, MD
- Election of the 1st Slate of Officers and Board of Directors in July 5, 2008
- Currently -- 36 BOD members, including 11 Executive Committee members (6 Officers)

BRIEF HISTORY CONTD.

- 2nd Annual Conference and Meeting, Oakland, CA; July 03-04, 2009
- Total members = 154 (14 Life, 23 Students))
- Currently ASNEnggr members from most of the States in the U.S. and some provinces in Canada
- National organization
- Has applied for Federal IRS Tax Exempt status 501 c(3)
- Published Society's First Newsletter (June 2009) – Visit www.ASNEnggr.org
- 2nd Newsletter soon to be published (July 2nd week)

ASNEnggr

Objectives and Purposes

Objectives:

- To provide a common platform for people of Nepalese background and interest in Nepal, who have expertise and training in any engineering, scientific and technical areas to come together and share knowledge
- To facilitate for their increased contribution to the research, training, practice, and technology transfer for the benefit of humanity
- The Society shall operate for scientific and engineering research and educational purposes .

Objectives and Purposes

- **Purposes**
- 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.

Objectives and Purposes (Cont'd...)

- 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.

(cont'd..)

Objectives and Purposes (Cont'd...)

- 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. .

(cont'd...)

Objectives and Purposes (Cont'd...)

- 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 agencies.

Membership Grades

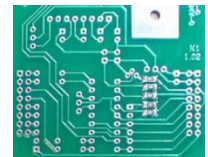
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Membership Grades:

- Student Member (no dues)
- Member (\$20 per year)
- Senior Member (\$25/year)
- Fellow (\$30/year)



Life membership:

Member (\$500); Senior Member (\$400), and Fellow (\$300)

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Executive Committee (ExCom)

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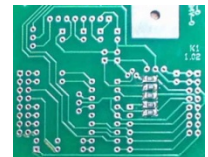
Executive Committee Members (11)

Officers (6):

President: *Ramesh B. Malla, Ph.D. (CT)*
Vice President: *Rajendra K. Shrestha, Ph.D. (TX)*
General Secretary: *Jagannath Ghimire (MD)*
Joint Secretary: *Prakash Khanal (SC)*
Information Secretary: *Komal Dutta (IL)*
Treasurer: *Pratibha Chaulagai Phuyal (IL)*

Members-at-Large (5):

Rajesh Bajracharya (ON, Canada)
Himal Karmacharya (MA)
Upendra Karna, D. Eng., P.E. (NJ)
Pradhumna Shrestha, P.E. (TX)
Binod Tiwari, Ph.D. (CA)/Pradeep Khanal (CA)



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Board of Directors (BOD)

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BOD Members (36)

Ramesh B. Malla, Ph.D. (CT) -- Chair
Devendra M. Amatya, Ph.D., P.E. (SC)
Rajendra Bajracharya, Ph.D., P.L.S. (ID)
Rajesh Bajracharya (ON, Canada)
Subodh Bhandari, Ph.D. (CA)
Rishi Bhattarai , P.E. (TX)
Yubaraj Budhathoki, P.E. (VA)
Komal Dutta (IL)
Naveen Dutta (CO)
Bimal Devkota, P.E. (MD)
Laxman M. Devkota, Ph.D., P.E. (AZ)
Jagannath Ghimire (MD)
Sukh Gurung, Ph.D. (NY)

Upendra L. Joshi, P.E. (CA)
Bimal Karki, P.E. (SC)
Himal Karmacharya (MA)
Pradeep Karna (AZ)
Upendra Karna, D. Eng., P.E. (NJ)
Prakash Khanal (SC)
Raju Kharel (GA)
Prakash B. Malla, Ph.D. (GA)
Usha Neupane (WI)
Sushil Poudyal (ON, Canada)
Bishnu Phuyal, Ph.D. (IL)
Pratibha Phuyal (IL)

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Board of Directors (Cont'd..)

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BOD Members (36), Cont'd...

Jambala Ruit, P.E. (PA)

Gopal Shah (Kathmandu, Nepal)

Manish Shakya (SC)

Shyam L. Sharma, Ph.D. (OR)

Pradhumna Shrestha, P.E. (TX)

Pramen Shrestha, Ph.D, P.E. (NV)

Rajendra Shrestha, P.E. (FL)

Rajendra Shrestha, Ph.D. (TX)

Khagendra Thapa, Ph.D. (MI)

Binod Tiwari, Ph.D. (CA)/Pradeep Khanal (CA)

Upendra Wagley, P.E. (NY)

<http://www.ASNEngr.org>

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Standing Committees

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- **Outreach and Membership Recruitment Committee**

Chair: Bishnu Phuyal, Ph.D. (IL)/ E-mail: bishnu.phuyal@navteq.com)

Vice Chair: Sukh Gurung, Ph.D. (NY)/ E-mail: sukhgurung@walla.com>

- **Program Committee**

Chair: Binod Tiwari, Ph.D.(TX) (E-mail: btiwari@fullerton.edu)

Vice Chair: Pradeep Khanal (E-mail: pradeepkhanal@gmail.com)

- **Publication/Newsletter Committee**

Chair: Pradhumna Shrestha, P.E. (TX) (E-mail: Pradhumna@hotmail.com)

Vice Chairs: Samana D. Gimire (E-mail: nepsdg@gmail.com) and Pradeep Khanal (E-Mail: PradeepKhanal@gmail.com)

- **Awards, Grants, and Scholarships Committee**

Chair: Prahlad Pant, Ph.D. (GA)/ E-mail: Everest@PDPassociates.com

Vice Chair: Upendra Joshi (CA)/ E-mail : uljoshi@hotmail.com

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Standing Committees

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•Bylaws Amendment and Membership Standard Committee

Chair: Rejendra K. Shrestha, Ph.D. (TX) / E-mail: RShrestha1234@yahoo.com

Vice Chair: Lok Darshan Shrestha (VA)/ E-mail: Lokds579@hotmail.com

•Society Tax Exempt Committee

Officers/ (Ms. Pratibha Phuyal (IL), Treasurer, ASNEngr (E-mail : pchaulagai@gmail.com)

•Website/Database Committee

Chair: Ms. Komal Dutta, Information Secretary, ASNEngr (E-mail: komaldutta@hotmail.com)

Vice Chair: Rajesh Bajracharya (E-mail: Rajesh.Bajracharya@cgi.com)

• Technical Committees

Chair: Ambika Adhikari, Dr. Des., AICP (AZ)/E-mail : Ambika@alum.mit.edu

Vice Chair: Kanhaiya Kayastha, P.E.,S.E., SECB., F.ASCE. (CA)/E-Mail : kkayastha@aol.com

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Standing Committees

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- **Membership Review and Standard Committee:**

- Chair: Prakash Khanal, Joint Secretary/E-mail: pckhanal@hotmail.com

- **Nepal Liaison Committee**

- Chair: Himal Karmacharya (MA)/E-mail: HKarmach@gmail.com;
hkarmacharya@veriskhealth.com

- Vice Chair: Gopal Shah (Nepal)/E-mail: shah_gap@yahoo.com

- **Liaison Committee**

- Chair: Upendra Karna, D. Eng., P.E. (NJ)/E-mail : upendra.rekha@gmail.com,
ukarna@usengr.com

- Vice Chair: Naveen Dutta (CO)/ E-mail: ndutta@avaya.com

- **Nomination and Election Committee: TBD**

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3ND ANNUAL CONFERENCE

Joint ASNEng/CAN-USA ANNUAL CONFERENCE 2010

**Park Plaza Hotel
50 Park Plaza, Boston, MA
(with 2010 ANA Convention)**

**Saturday, July 03
&
Sunday, July 05, 2010**

ASNEng

Organizing Committee

Conference Organizing Committee:

- ***General Chairs:***

Ramesh B. Malla, Ph.D., President, ASNEng
University of Connecticut, Storrs, CT

University of Connecticut, Storrs, CT

Bineet Sharma, President, CAN-USA

OnTick, LLC, Pleasanton, CA

- ***Technical Chairs:***

Pradeep Khanal, Chair Program Committee and

Member, Board of Directors, ASNEng
INTEL, Santa Clara, CA

INTEL, Santa Clara, CA

Amod Pokhrel, Ph.D., Member, CAN-USA Executive Board

University of California, Berkeley, CA

The logo for ASNEng, featuring the text "ASNEng" in a blue and green font, enclosed in a blue rounded rectangular border.

Organizing Committee

Organizing Committee Members:

Komal Dutta (IL)

Pramod Dhakal, Ph.D. (ON,
Canada)

Mandeep Guragain (CA)
Jagannath Ghimire (MD)

Pujan Joshi (CT)

Upendra Karna, D. Eng., P.E.
(NJ)

Prakash Khanal (MD)

Pukar Malla, Ph.D. (MA)

Rajan Pant (Nepal)

Kishor Panth (Nepal)

Bishnu Phuyal, Ph.D. (IL)

Pratibha C. Phuyal (IL)

Ananta Risal (NJ)

Rajendra Shrestha, PhD. (TX)

PROGRAM SCHEDULE

Program at-a-Glance

Saturday, July 3rd, 2010

12:30 PM – 1:30 PM: Conference Opening

Gandaki (Terrace Room/Basement)

1:45 PM – 3:30 PM: Technical Session I - *Joint ANMF/ASNEngr/
CAN-USA Panel Discussion on Earthquake Disaster
Preparedness in Nepal*

Gandaki (Terrace Room/Basement)

4:30 PM - 6:00 PM: Technical Session II - *(Open Forum)*

Koshi (Whittier Rm, 4th FL)

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PROGRAM SCHEDULE

Program at-a-Glance (Cont'd..)

Sunday, July 04th, 2010

10:30 AM – 12:00 PM: Technical Session III - *Clean Technology*
Karnali (Georgian Rm, Mezzanine Level)

12:00 PM – 1:30 PM: Joint Professional Networking (TBA)
(Jointly hosted by ASNEng, CAN-USA, ANMF, and NKY)

1:30 PM – 3:00 PM: Technical Session IV - *General Engineering & Scientific Topics*
Karnali (Georgian Rm, Mezzanine Level)

3:00 PM - 5:00 PM: ASNEng Annual General Membership/BOD Meeting
Rapti (Gems Rm, 4th FL)

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DETAIL PROGRAM SCHEDULE

- **Saturday, July 03, 2010**

-

Conference Opening 12:30 PM – 1:30 PM
Gandaki (Terrace Room/Basement)

**Conference Opening Remarks, Introduction and
Volunteer of the Year Award**

- **Ramesh B. Malla, Ph.D**, President, ASNEng and Conference General Chair, and
- **Pukar Malla, Ph.D.**, Vice- President, CAN-USA

TECHNICAL SESSION I

Technical Session I –Panel Discussion

1:45 PM – 3:30 PM

Gandaki (Terrace Room/Basement)

Session Title: *Panel Discussion on Earthquake Disaster Preparedness in Nepal*

Session Chairs: **Pramod Dhakal, Ph.D.**, Executive Director, Canada Foundation for Nepal, Ottawa, Ontario, CANADA and **Jagannath Ghimire, P.E.**, Engineer, RK&K, LLC, Baltimore, MD

Panelists:

- **Ramesh Malla, Ph.D.**, University of Connecticut, Storrs, CT and **Kanhaiya Kayastha, P.E., S.E.**, La. Habra, CA (ASNEng) -- ***"On Preparing Nepal's Infrastructures for Earthquake Event"***
- **Prabudhda Dahal**, Luftin, TX (CAN-USA) -- ***"Communications in Disaster Preparedness" (Webinar)***
- **Rajan R. Pant**, Office of Controller of Certification, Ministry of Science & Technology, Nepal -- ***"Cooperation for Disaster Preparedness: A case for Nepal"***

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TECHNICAL SESSION II

Technical Session II

4:30 PM – 6:00 PM

Koshi (Whittier Rm, 4th FL)

Session Title: Open Forum

Session Chair: Ramesh B. Malla, Ph.D., Associate Professor, Civil & Environmental Engineering, University of Connecticut, Storrs, CT

*(** All who have education, training, experience and interest in engineering, scientific and technology areas are welcome to attend, introduce themselves, and share their experience and knowledge with others in attendance in the session. Students are particularly invited and most welcome to this Open Forum session! **)*

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TECHNICAL SESSION III

Sunday, July 04th, 2010

Technical Session III -- *Clean Technology* 10:30 AM – 12:00 PM

Karnali (Georgian Rm, Mezzanine Level)

Session Chairs: Upendra Karna, D. Eng., P.E., President, U&S Engineers, P.C., Lambertville, NJ and **Rajan R. Pant**, Controller, Office of Controller of Certification, Ministry of Science & Technology, Nepal

10:30 AM – 10:52 AM: ***“Energy Generation using Reciprocating Small Scale Hydropower System”*** by ***Ramesh B. Malla, Ph.D.***; ***Binu Shrestha***; and ***Amvrossios C. Bagtzoglou, Ph.D.***, University of Connecticut, Storrs, CT

10:52 AM – 11:14 AM: ***“Stoves, Health and Technologies” (Webinar)*** by ***Amod Pokhrel, Ph.D.***, University of California, Berkeley, CA

11:14 AM – 11:37 AM --***“High altitude Wireless networks in Himalayan Region”*** by ***Kishor Panth***, Computer Association of Nepal, Kathmandu, Nepal

11:37 AM – 12:00 PM --***“Got Sun? Get Electricity!- Gham Power’s Solar PV Systems End Load-Shedding for Homes and Businesses Alike”(Webinar)*** by ***Sandeep Giri***, Gham Power (Solar Company), Kathmandu, Nepal

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TECHNICAL SESSION IV

Sunday, July 04th, 2010 (Cont'd..)

Joint Professional Networking Event 12:00 PM – 01:30 PM (TBA)

- (Jointly hosted by ASNEngr, CAN-USA, ANMF and NKY)

Technical Session IV 01:30 PM – 3:00 PM Karnali (Georgian Rm,
Mezzanine Level)

Session Title: *General Engineering & Scientific Topics*

Session Chairs: **Ramesh B. Malla, Ph.D.**, Associate Professor, Civil & Environmental Engineering, University of Connecticut, Storrs, CT and President, American Society of Nepalese Engineers; and **Kishor Panth**, 2nd Vice President, Computer Association of Nepal, Kathmandu, Nepal

1:30 PM – 1:52 PM – ***Science and Education for a Sustainable World***
by ***Pramod Dhakal***, Ph.D., Canada Foundation for Nepal, Ottawa,
Canada

1:52 PM – 2:14 PM -- ***“Meta Analysis on Gene Expression Micro-array data”*** by ***Pujan Joshi***, University of Connecticut, Storrs, CT

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TECHNICAL SESSION IV

Sunday, July 04th, 2010 (Cont'd..)

Technical Session IV 01:30 PM – 3:00 PM
(Georgian Rm, Mezzanine Level)

Karnali

Session Title: *General Engineering & Scientific Topics*

2:14 PM – 2:37 PM- **“Search and Rescue using Cell Phones and Mobile Base Station”** by **Bishal Thapa**, Northeastern University, Boston, MA

2:37 PM – 3:00 PM – **Bridge Foundation Design in Tidal Waterway”** by **Upendra Karna**, D. Eng, P.E., U&S Engineers, P.C., Lambertville, NJ

Annual ASNEngr General Membership Meeting and Closing
Rapti (Gems Rm, 4th FL)

3:00 PM – 5:00 PM: ASNEngr Annual General Membership/BOD Meeting and Closing

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GENERAL MEETING

Annual ASNEngr General Membership Meeting and Closing

Room - Rapti (Gems Room, 4th Fl)

3:00 PM – 5:00 PM

- *Election of a New slate of officers and Board members.*
- *Discuss on the Society's achievement and lesson learned this past year and brain storm and make decisions on various activities for the coming year(s)*

Our Sincere Thanks

- To all our fellow Nepalese and Friends who helped us with their valuable comments and suggestions
- To All Members of the Society for their participation
- To ANA and ANA Convention Organizers for their Generosity providing meeting venue

DHANYABAD!

THANK YOU !

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