



**Fourth International Conference:**  
***Global Expertise & Commitment for a Prosperous Nepal***  
Nepalese Student Association-New Mexico State University  
(NeSA-NMSU) Las Cruces, NM, USA  
**(Saturday, March 17, 2012)**

<b>8:00 – 8:40</b>	<b>Registration</b>
<b>8:40 – 9:10</b>	<b>Opening Session</b>
8:40 – 8:50	Preparation and Proceeding to Conference Hall
8:50 – 9:00	Welcome Speech by NeSA Advisor <b>Dr. Ram N. Acharya</b>
9:00 – 9:10	Welcome Speech by NeSA President <b>Bishnu H. Dhakal</b>
<b>9:10 – 11:50</b>	<b>Morning Session (Interdisciplinary Session)</b>
9:10 – 9:30	<b>Eshan Dahal</b> (NMSU) Excited-State Lifetime of Quantum Dots by Flow Cytometry
9:30 – 9:50	<b>Dhan Rana</b> (NMSU) An Observation of a Body in the Formalism of Aristotle, Newton and Einstein
9:50 – 10:10	<b>Disoj Neupane</b> (NMSU) Morphological Dependence in the Spatial Orientation of Nearby Local Super-Cluster Galaxies
10:10 – 10:30	<b>Anil KC</b> (NMSU) Design of a Governor and a Voltage Regulator for Laboratory Generator
10:30 – 10:50	<b>Malati Chaudhary</b> (NMSU) Short Circuit Analysis of Type II Induction Generator and Wind Farm

- 10:50 – 11:10      **Om P. Dahal** (NMSU) Preliminary Work to Classify the Disturbance Events Recorded by Phasor Measurement Units
- 11:10 – 11:30      **Jesus A. Cuaron** (NMSU) Mechanisms Involved in the Response and Resistance of *Staphylococcus aureus* to Antiseptic Biocides
- 11:30 – 11:50      **Anita Thapalia** (UTEP) Assessment of Corrosion Potential of Coarse Backfill Aggregates for Mechanically Stabilized Earth Walls
- 12:00 – 1:00      Poster Session/Lunch Hours**

**Dr. Sanjay Shrestha** (NMSU) PRC1 Controls Spindle Polarization and Recruitment of Cytokinetic Factors during Monopolar Cytokinesis

**Manjita Shrestha** (NMSU) Cross Property Connection between Thermal Conductivity and Fluid Permeability of the Porous Ceramics

**Pradip Adhikari** (NMSU) Spatial Variability of Hydraulic Conductivity and Sodium Content of Desert Soils: Implications or Management of Irrigation Using Treated Wastewater

**Santosh Dulal & Jesus A. Cuaron** (NMSU) Relationship between *apt* Mutation and Altered Cell Wall-Active Antimicrobial Susceptibility in *Staphylococcus aureus*

**Tapaswy Muppaneni** (NMSU) Non-Catalytic Transesterification of Camelina Sativa Oil under Super Critical Ethanol Conditions with Hexane as Co-Solvent

**1:00 – 5:50      Afternoon Session** (Nepalese Diaspora Knowledge Network)

1:00 – 1:50      Special Guest Speaker: **Lujendra Ojha** (UA) Recurring Slope Lineae on Mars: Seasonal Flow on Warm Martian Slopes

1:50 – 2:10      **Menuka Karki** (NMSU) Reproductive Cancers in Women: High Burden but Low Priority in Nepal

- 2:10 – 2:30      **Krishana Gyanwali** (TTU) Broken Foundation: Urgent Need for Improvement
- 2:30 – 2:50      **Dadhi Adhikari** (UNM) Extension Service and Farm Productivity in Nepalese Agriculture
- 2:50 – 3:10      **Santosh Dulal** (NMSU) Biotechnology, a Stairway for the Revitalization of Nepal
- 3:10 – 3:30      **Ramesh Pokharel** (UTEP) Rhetorical Construction of Indigenuity and its Problem in Nepal
- 3:30 – 3:50      **Desh Raj Sonyok** (NMSU) Diaspora Investment: Opportunities and Challenges in Transport Infrastructure in Nepal
- 3:50 – 4:00      **Dr. Anup Amatya** (NMSU) Graduation and Beyond: A Tale of Four States and Four Universities
- 4:00 – 4:40      Special Guest Speaker: **Kalyan Gurung** (Nepal) Federalism in Nepal: Issues and Challenges
- 4:40 – 5:40      Keynote Speaker: **Dr. Netra Chhetri** (ASU) Clumsy Solutions to a Wicked Problem of Climate Change: Case of Nepal
- 5:40 – 5:50**      **Vote of Thanks & Conference Conclusion by Conference Director**

**Santosh Dulal**, Ph.D. Candidate, Dept. of Biology

Director

Fourth NeSA International Conference & Academic Committee

Nepalese Student Association-New Mexico State University (NeSA-NMSU), Las Cruces, NM, USA

NMSU: New Mexico State University, Las Cruces, NM; UTEP: University of Texas at El Paso, El Paso, TX; UNM: University of New Mexico, Albuquerque, NM; UA: University of Arizona, Tucson, AZ; TTU: Texas Tech University, Lubbock, TX; ASU: Arizona State University, Phoenix, AZ.