**Kathmandu University**  
School of Engineering  
Centre for Excellence in Production and Transportation of Electrical Energy  
(CEPTE/KU)  
KU-HHF Energy Research, Development and Consulting Unit

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<tr>
<th>NAME</th>
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<th>AFFILIATION</th>
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<th>CONTACT PHONE #</th>
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<table>
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<tr>
<th>SESSION</th>
<th>PARTICIPATION (Y/N)</th>
<th>AMOUNT ENCLOSED</th>
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<tr>
<td>PART I: WED 20 JUNE 2012; 3:00 PM – 8:00PM</td>
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<td>PART II: WED 27 JUNE 2012; 3:00 PM – 8:00PM</td>
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<td>PART III: WED 11 JULY 2012; 3:00 PM – 8:00PM</td>
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<td>PART IV: WED 18 JULY 2012; 3:00 PM – 8:00PM</td>
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**“NON-STRUCTURAL SAFETY ASPECTS BASED ON BUILDING & DISABLED ACCESS CODES”**

**TIME:** 3:00 TO 8:00PM WITH 1 hour for DINNER

**VENUE**

Wednesday, 20 June 2012: Inaugural Session at  
KATHMANDU UNIVERSITY SCHOOL OF MANAGEMENT (KUSOM)

Wednesdays, 27 June, 11 July & 18 July at LOCAL DEVELOPMENT TRAINING ACADEMY (LDTA)  
(BEHIND STEEL TOWER BUILDING @ Jawalakhel)

**PLEASE MAKE SELECTION FOR FOOD PREFERENCE IN REGISTRATION FORM**
CEPTE has been organizing the *Kathmandu University-Lecture Series (KULS)* at Kathmandu University with the aim to give practical information on current issues of R&D, policy for their implementation and sustainable management infrastructure development to the students, faculties and invitees. Prominent experts in the field are invited to share their knowledge with KULS participants. The chief guest of this 26th round of KULS interaction is Ananta Ram Baidya, P.E.

Ananta Ram Baidya is a registered Civil Engineer in California and an East-West Center Graduate. He has been practicing Structural Engineering in the United States for well over the last 30 years. His educational portfolio includes a B.Tech. (Hons.) in Civil Engineering from IIT, Kharagpur and M.S. (Civil) from the University of Hawaii. He served in Nepal’s Institute of Engineering, Pulchowk, as a lecturer before leaving for the United States of America. His work has been in both the private and government sectors in the United States. He recently retired from the City of San Diego, California, as an Engineer reviewing and commenting on projects prepared by other licensed architects and engineers for compliance with different rules and regulations that deal with earthquake safety, safety in case of fires in various types of buildings, access compliance for the disabled and other regulatory process that involved land and project developments. His experience also focuses on the restoration and upgrade of old and historical buildings to meet both earthquake safety, fire-life safety and disabled access requirements.

The theme of this round is: “Non-Structural Safety Aspects Based on Codes”

<table>
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<tr>
<th>Lecturer</th>
<th>Presentation</th>
<th>Time</th>
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<tbody>
<tr>
<td>Ananta Ram Baidya, P.E.</td>
<td>“The Non-structural Safety Aspects based on Building and Disabled Access Codes” Part I through Part IV</td>
<td>3:00pm – 8:00pm (With Dinner)</td>
</tr>
</tbody>
</table>

Time: 3:00pm – 8:00pm
Contact: Prof. Dr. R. K. Maskey, rmaskey@ku.edu.np, cell: 9851102669
Er. Aditya Bhakta Joshi, abjoshi.8@gmail.com, cell: 9802023143
Workshop Title:
NON-STRUCTURAL SAFETY ASPECTS BASED ON BUILDING & DISABLED ACCESS CODES
BY
ANANTA R. BAIDYA, P.E.

California licensed Professional Engineer, Ananta R. Baidya, P.E., is a current Visiting Faculty at Kathmandu University. Engineer Baidya has over 35 years of experience and expertise in the structural engineering field and expertise in the land development, building and disabled access codes gained through 27 years of experience at the City of San Diego Municipality. This workshop is designed to share issues related to the non-structural safety aspects of buildings and access for the disabled. This workshop is a condensed version of parts of the 3 credit elective course (Fundamental Concepts of Land Development, Building and Disabled Access Codes) that Baidya is currently teaching at KU to the 3rd year civil engineering students. This 4 part workshop targets all stakeholders in the land development process in Nepal. Stakeholders, including design professionals such as architects, engineers, planners, regulatory authorities from Nepal’s Ministry of Planning and Physically Development (Bhavan Bibhag) and municipalities of Kathmandu, Lalitpur, Bhaktapur, and others real estate and housing developers, construction contractors, historical and cultural conservators, educators and emerging youth, financiers such as bankers and donor agencies will benefit from an understanding of the non-structural safety aspects of buildings and access for the disabled. This workshop will cover very important safety topics that are not covered by the Nepal National Building code (NBC) and also embellish those that are covered by the NBC. The workshop will focus on prevailing situations regarding codes as noticed in Nepal. This workshop addresses improvements based on codes and recommend financially viable solutions to enhance public safety and to provide access for the disabled and the elderly. Stakeholders can then modify, enhancement, and enforce Nepal National Building Code for the safety of the public and the needs of the elderly and disabled community. The topics to be discussed in substance are as outlined below. These issues are important to ensuring safety in the event of fires and other catastrophes (earthquakes, fires) during the life of any building. They have implications for both pre and post disaster mitigation. They ensure public safety and access for the disabled and the elderly in the community. Future workshop dealing with seismic safety aspects of the code will also be available upon request and support from the stakeholders. Stakeholders interested in this opportunity must preregister and make a payment of NRS. 1000/- (Rupees One Thousand only) per session per participant. Stakeholders may choose to attend any one of the four part of the workshop but must make payment for the portion attended prior to attendance. Dinner will be provided at the venue noted.
**Workshop Title:**
NON-STRUCTURAL SAFETY ASPECTS BASED ON BUILDING & DISABLED ACCESS CODES

**By:**
ANANTA R. BAIDYA, P.E.

**SESSION DETAILS**

**SESSION I:**
- Introduction
- Use & Occupancy Classifications & Mixed Occupancy
- Separation Distances
- Existing Structures & Change of Use or Occupancy

**Session II:**
- Special Detailed Requirements Based on Use and Occupancy
- Types of Construction
- General Allowable Building Heights
- General Allowable Building Areas

**SESSION III:**
- Fire Safety Requirements related to fire resistance rated construction
- Fire Safety Requirements related to fire sprinklers

**SESSION IV:**
- Means of Egress or Exiting Systems from Buildings
- Accessibility
- Materials of Construction (Glass and Glazing, Gypsum Board & Plastics)

The California Building Code, including the Nepal National Building Code, and other related codes will be used as a basis for the discussions.

The dates and time for the workshop are as follows:

<table>
<thead>
<tr>
<th>DATE</th>
<th>ARRIVAL</th>
<th>SESSION</th>
<th>DINNER</th>
<th>VENUE</th>
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<tr>
<td>Wed. 20 June 2012</td>
<td>3:00 PM</td>
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<td>KUSOM</td>
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<td>Wed 18 July 2011</td>
<td>3:00 PM</td>
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<td>7:00PM</td>
<td>LDTA</td>
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**KUSOM: KATHMANDU UNIVERSITY SCHOOL OF MANAGEMENT, BALKUMARI, LALITPUR**

**LDTA: Local Development Training Academy, behind Steel Tower, Jawalakhel**
The Kathmandu University Lecture Series KULS – XXVI
ORGANIZED BY
DCGE
(Department of Civil & Geomatics Engineering)
in association with
CEPTE
(Centre for Excellence in Production & Transportation of Electrical Energy)

“NON-STRUCTURAL SAFETY ASPECTS BASED ON BUILDING & DISABLED ACCESS CODES”

PART I
- Introduction
  - Use & Occupancy Classifications
    - Mixed Occupancy
    - Separation Distances
  - Existing Structures & Change of Use or Occupancy

Time:  Wednesday, 20 June 2012; 3:00 pm to 8:00 pm
Venue:  Kathmandu University School of Management, Balkumari, Lalitpur

BY
ANANTA R. BAIDYA, P.E.
AB&H ENGINEERING & CODE CONSULTING SERVICES
SAN DIEGO, CA
E-mail: abaidya@san.rr.com
PART II

• Special Detailed Requirements Based on Use & Occupancy
  • Types of Construction
  • General Allowable Building Heights
  • General Allowable Building Areas

Time: Wednesday, 27 June 2012; 3:00 pm to 8:00 pm
Venue: Local Development Training Academy, Jawalakhel

BY
ANANTA R. BAIDYA, P.E.
AB&H ENGINEERING & CODE CONSULTING SERVICES
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E-mail: abaidya@san.rr.com
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“NON-STRUCTURAL SAFETY ASPECTS BASED ON BUILDING & DISABLED ACCESS CODES”

PART III

• Fire Safety Requirements related to fire resistance rated construction
  • Fire Safety Requirements related to fire sprinklers

Time: Wednesday, 11 July 2012; 3:00 pm to 8:00 pm
Venue: Local Development Training Academy, Jawalakhel

BY
ANANTA R. BAIMYA, P.E.
AB&H ENGINEERING & CODE CONSULTING SERVICES
SAN DIEGO, CA
E-mail: abaidya@san.rr.com
PART IV

• Means of Egress or Exiting from Buildings
  • Accessibility
• Materials of Construction (Glass & Glazing, Gypsum Board & Plastics)

Time: Wednesday, 18 July 2012; 3:00 pm to 8:00 pm
Venue: Local Development Training Academy, Jawalakhel

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