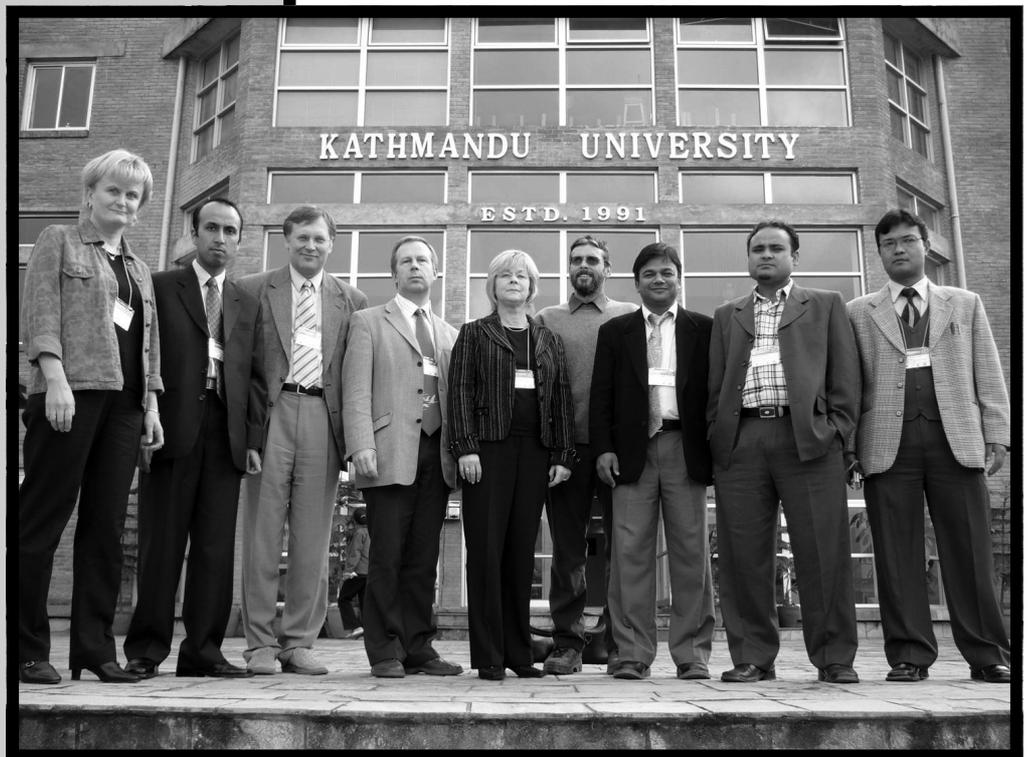


Project Overview: ENLIGHTEN

(KU) from Nepal. The Co-ordinator of the project is HUT Lighting Laboratory. HUT Lighting Laboratory provides higher basic and postgraduate education in illumination engineering. The research areas of the lab include: light sources and energy, traffic lighting and vision, indoor lighting, meas-

Pramod Bhusal



Project members at the kick-off meeting in Kathmandu University,

Introduction

Increased science and technology cross-flows between Asia and Europe are important for strengthening the educational, research, and economic links between the two regions. Networking between universities and industries constitutes an important component of the co-operation. ENLIGHTEN (Europe Nepal LIGHTing and Energy Network) is a co-operation project between universities from Finland, Lithuania and Nepal. The project is established to create a strong network for academic co-operation in the field of lighting and energy technology development. The project partners are Helsinki University of Technology (HUT) from Finland, Vilnius University (VU) from Lithuania, and Kathmandu University

uring and testing, and electrical building services. ENLIGHTEN is funded by the European Commission Asia-Link Programme. The programme aims to promote the creation of new partnerships and new sustainable links between European and Asian higher education institutions.

Objectives and activities

The objective of the project is to foster the creation and development of Asia-Europe networks between higher education institutions in Finland, Lithuania, and Nepal. It also includes



the development of networks between universities and industry for the basis of sustainable co-operation and to open up the window for future co-operation between industrial and academic sector in multilateral level. The target groups are teaching staff, undergraduate and postgraduate students, and researchers. The project aims to exchange information and co-work between partner universities in the areas of education and research related to lighting, energy and electrical engineering technology.

The main activities of the project are academic staff- and student exchange, joint seminars, workshops and teaching sessions. The main activities also include the development of distance learning environments and new courses, as well as development of industrial relations. One of the important goals of the project is to combine the effort of the researchers and students to examine new opportunities provided by LED technology in lighting and energy field.

LEDs are rapidly evolving solid-state light sources, which are expected to become a major contributor to the lighting and electrical technology in the future, and will be a powerful and economic alternative for the conventional lighting in the coming years. They have shown their applicability equally for the developed as well as the underdeveloped countries. This project will include study on the opportunities offered by this new innovative technology, and exchange information on its use. Activities will be targeted on studying prospective LED-based lighting products to be fabricated in Nepal, and to raise awareness of Nepalese authorities and businessmen for emerging production niches in this field.

Experience in Europe/Asia co-operation gained in this project will stimulate new research in LED technology and promote opportunities of European and Nepalese LED industry. The European lighting practices, energy-efficient lighting solutions and sustainable lighting guidelines will be forwarded and integrated into the education system and applications in Nepal.

More information about the project:

<http://lightinglab.fi/enlighten/index.html>

SUOMI-NEPAL SEURA

Suomi-Nepal-seuran keskeinen tehtävä on Nepal-tietouden ja ymmärryksen edistäminen Suomessa lisäämällä korkeatasoisen tiedon määrää Nepalista, sen kehityksestä ja kulttuurista. Näihin tavoitteisiin pyritään luomalla yhteyksiä Nepaliin ja yhdistämällä Nepalista kiinnostuneita ihmisiä Suomessa yhteiseen toimintaan sekä kehittämällä sellaisia kehitys yhteistyön muotoja, jossa avun lisäksi ymmärrys yhteistyön toisesta osapuolesta syvenee.

SEURAN HALLITUS 2006-07:

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