



नेपाल भौतिक विज्ञान समाज

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Eleventh UNESCO Workshop on Active Learning in Optics and Photonics: Training Physics Trainers (ALOP Nepal 2009)

ALOP Nepal 2009 was conducted successfully during July 12-16 2009, at the Kathmandu University International Centre, Dhulikhel, Kavre, Nepal. The UNESCO physics education program is a five-day, hand-on workshop that aims to renew the physics skills and teaching approaches of university academics and high school teachers. The program is designed using low-cost equipment and techniques that are suitable for physics education in many developing countries. The ALOP program has been prepared by an international group of physics education experts and resource persons who also facilitate the workshop.

The team of resource persons was as follows: Alex Mazzolini, Swinburne University of Technology, Australia, Vengu Lakshminarayanan, University of Waterloo, Canada, Souad Chekir Lahmar, Institut Préparatoire aux Etudes, Tunisia, Joseph Niemela, The Abdus Salam ICTP, Italy, Boonchoat Paosawatyanong, Chulalongkorn University, Thailand, Pornrat Wattanakasiwich, Chulalongkorn University,



Thailand. The ALOP Nepal 2009 followed the structure developed in earlier workshops focusing on the teaching and learning of: Fundamentals of light and optics; Scattering, polarization, Atmospheric optics; Interference, Diffraction; Optics of the eye; Photonics and Optical Communication.



The workshop was inaugurated by Prof. Dr. Suresh Raj Sharma, Vice Chancellor, Kathmandu University. Prof. Dr. Panna Thapa, Dean of School of Science delivered

the welcome speech and Dr. Alex Mazzolini introduced the participants about the program. The opening ceremony was conducted by Dr. Raju Khanal from the central department of Physics, TU. There were 31 participants (3 from India, 3 from Pakistan, 1 from Thailand and 24 from Nepal), who were university academics and high school teachers. The workshop was conducted with a major grant from UNESCO, minor grants from EPS-IGPD and Essilor Paris, OSA, and some additional support (financial and in kind) from Kathmandu University and Lekali Trading Concern in Nepal.