

Registration Date & Fee

Registration will be made on first come first serve basis. Five (5) seats are reserved for graduate students with special 20 % discount.

Registration shall be made by the 30th March 2012 by paying **Rs. 20,000 (twenty thousand)** per participant. This covers training materials, tea and high tea during training. A certificate of participation will be provided to all participants.

Venue

Hotel Manaslu, Lazimpat, Kathmandu

Resource persons

Dr. Panos D. Prevedouros is a professor of traffic and transportation engineering at the Department of Civil Engineering, University of Hawaii-Manoa, USA since 1990. He chairs the Freeway Simulation Sub-committee of the Transportation Research Board. He was president of the Hawaii Highway Users Alliance from 2006 to 2008. Panos co-authored a Transportation Engineering textbook and is author of over 100 reports and technical papers. He received the 2005 Van Wagoner Award of the Institute of Transportation Engineers. He co-organized the 1st International Symposium on Freeway Operations (ISFO) in Athens, Greece, and the 2nd ISFO in Honolulu in June 2009. Dr. Prevedouros served in the Transit Advisory Task Force in 2006 and in the Technology Selection Expert Panel in 2008 of the City Council of Honolulu.

Mr. Indu Sharma Dhakal is the Joint Secretary (Technical) of Ministry of Physical Planning and Works, and is former Director General of the Department of Roads (DoR). He has obtained masters degree in Geo-technical engineering. He is also a visiting faculty to Nepal Engineering College. He has more than 25 years experience in transportation planning and design.

Mr. Saroj Pradhan is associated with Department of Roads as Senior Divisional Engineer and has obtained masters degree in transportation. His area

of expertise is transportation and traffic planning and management. He has long experience of implementation of road projects and procurement.

Mr. Hare Ram Shrestha is the President of Society of Consulting Architectural and Engineering Firms (SCAEF) Nepal and is also Managing Director of Sustainable Infrastructure Development and Engineering Firm (SIDEF). He has master's degree in Environment Science and is a leading personality in local roads planning and design.

Mr. Jagat Man Shrestha is Superintendent Police in Nepal Police and has obtained Traffic Safety Training from Lund University, Sweden and South Africa. He has significant years of experience in traffic safety management.

Mr. Laxman K. C. is a young engineer with master's degree in transportation planning from University of Hawaii. He also worked for the University of Hawaii for about two years as a graduate researcher and one year for Wilson Okamoto Corporation as Traffic Engineer and is currently working in roads designing and planning works as freelance consultant.

Organizer

Advanced Research & Training Institute (**ARTist**) is the institute established by the leading academicians and professionals of the country to provide systematic, planned and dedicated training in the field of engineering, construction/erection/implementation or production and management backed up by education and research. Therefore, **ARTist** is in operation with entirely different concept. **ARTist** will provide year round training and also undertakes tailor made training to meet the special requirements of any institutions/organizations independently and or in collaboration with other national international institutions.

For further information and registration contact

Advanced Research & Training Institute (ARTist)

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Training Seminar on Transportation Planning: Practices and Problems

April 18 – 20, 2012
Kathmandu, Nepal



PO Box: 5315
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Background

Transportation planning has been always a challenging task both in developed and in developing countries but with significant different perspectives. It involves knowledge and technology and highly influenced by the attitude and behavior of the people of the particular location or the country as a whole. New municipalities and towns are growing in Nepal but with haphazard growth. Transportation is the most essential factor in both rural and urban lives that have direct impact on people's daily life. Rural road network is increasing randomly, high rise buildings are coming up and number of vehicles are rising contributing to traffic congestion, road accidents and discomfort to peoples. In this context, **ARTIST** intends to organize training cum seminar on **Transportation Planning: Practices and Problems** to share experiences and ideas for better understanding of the transportation planning practices and the problems. This training cum seminar not only provides the current best practices and issues in the transportation sector both at developing and developed countries, but also explores the possibilities to adopt advanced technologies in the local context to tackle the local problems of Nepal. Additionally, the training also provides insights about the application of Intelligent Transportation System (ITS) for Transportation system management with case studies demonstration.

Objectives

This training cum seminar has aimed to:

- Share the current trends in transportation sector both in developing and developed countries scenarios
- Explore the transportation related local issues of Nepal
- Explore the possibilities to adopt the advanced and inexpensive technologies in transportation sector in Nepal
- Establish an informal network among the professional/academicians working in transportation sector

Who should attend?

Participants for this training seminar are expected from:

1. Engineers working in different government institutions such as: Department of Roads (DoR), Department of Local Infrastructure Development and Agriculture Roads (DoLIDAR), Road Boards Nepal, Municipalities, Traffic police etc.
2. Engineers working in consulting firms and construction companies
3. Policy makers and local community leaders
4. NGOs, civil societies
5. Transportation entrepreneurs, and
6. Graduate students studying transportation/material/geo-tech engineering

Training Schedule

Day/Time	10:30 - 12:00	12:00 - 12:15	12:15 - 13:45	13:45 - 14:45	14:45 - 16:15
18 April 2012	Commencement of Training (10:30 - 11:00) Transportation Planning and Issues	Tea Break	Recent Trends in Transportation Practices	High Tea	Traffic Management in Developing Countries
19 April 2012	District Road Planning and Issues (Local Context Local Experts)	Tea Break	Intersection Analysis Using Highway Capacity Manual (HCM) 2010 & Tests of Un-intrusive Sensors	High Tea	Network Modeling and Intelligent Transportation System (ITS) Case Studies Using INTEGRATION: Demonstrations from Hawaii, USA and Nepal
20 April 2012	Urban Traffic Safety: Traffic Police's Perspective	Tea Break	Advanced and Inexpensive Technologies in Transportation Sector in Nepal	High Tea	Method for Combining Operational and Safety Performance for Busy Intersections Closing (16:30 - 17:00)