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Renewable Energy Policy and Planning for Sustainable Development



S. Kumar, Ram M. Shrestha and P.C. Saha
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Programme Objective and Format

• Objective

- To assist energy professionals (policy makers, engineers and energy planners) in their work, and to promote RE and EE in the Asia Pacific

• Themes

- renewable energy policy and planning for sustainable development
- biomass energy

• Format

- renewable energy policy course – 8 lectures
- biomass energy course – 10 lectures
- (each lecture will consist one hour lecture and half an hour questions and answers)
- Discussions/questions also through email
- Reference/reading material



Renewable energy policy and planning for sustainable development: Contents

- ❖ Role of renewable energy and energy efficiency as an important energy resource (SK)
- ❖ Data/information management (SK)
- ❖ Barriers inhibiting RE and EE promotion (SK)
- ❖ Policies promoting renewable energy and energy efficiency (RMS)
- ❖ Modeling aspects (RMS)
- ❖ Positive & Negative Impacts of policies (RMS)
- ❖ Role of Private sector (PCS)
- ❖ Case studies (PCS)

Lecturers:

SK –S. Kumar, AIT; RMS – Ram M. Shrestha, AIT; PCS – P.C. Saha, UN-ESCAP

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Role of renewable energy and energy efficiency as an important energy resource

- **Status/relevance of renewable energy and energy efficiency in the Asia-Pacific countries**
- **Renewable energy and energy efficiency applications in the sectors**
- **Role of RE and EE to promote sustainable development and reduce environmental pollution**

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Data/information management

- **Energy consuming sectors and the trends**
- **Opportunities for improving energy efficiency in the sectors**
- **RE technologies and EE measures and technical options**
- **Using data base for analysis and decision making**

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Barriers inhibiting RE and EE promotion

- **General overview of barriers – technical, policy, institutional, and others**
- **Policy barriers – sectorwise**
- **Measures to overcome barriers**

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Policies promoting renewable energy and energy efficiency

- **Policies towards technical issues**
- **Policies on financial issues**
- **Policies on awareness/capacity building/training**
- **Supply side and demand side policies**

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Case studies and Other issues

- **Success stories and lessons learnt**
- **Role of international institutions**

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Thank you for your attention
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