

**World Bank Aided India:
Environmental Management Capacity Building Technical Assistance Project
sponsored through the
Ministry of Environment and Forests, Govt. of India**

TRAINING PROGRAMME IN ENVIRONMENTAL ECONOMICS

July13-16, 2000

Organized by Indira Gandhi Institute of Development Research (IGIDR)

Mumbai 400 065, INDIA

Programme Coordinators:

Prof.Jyoti K.Parikh,

Dr.Sudhakar Yedla

Preface

Most of the participants could reach IDIDR only at the noontime due to heavy rains. Therefore, the programme could start formally only at 14.45 hours on July 13, 2000. Those few participants who arrived early could attend Dr.M.S.Swaminathan's lecture on "Poverty, Agriculture and Rural Development". A total of 13 students from different parts of India participated in the programme. List of the students and their affiliation is given in Annex 1. A total of seven resource persons were involved in this programme out of which three are international experts.

This programme was organized along with the "International Symposium on Development Policies for the New Millennium in Honour of Prof.Kirit S.Parikh". Therefore, the participants could attend and expose themselves to a much wider range of resource persons from within India and abroad. The list of resource persons and experts is given in Annex 2. Thus this programme consisted of 5 components scheduled as follows.

13 July, 2000 International Symposium, Presentations and 1-1 discussions

14 July, 2000 International Symposium, Presentations and 1-1 discussions

15 July, 2000 Project Development Workshop, Presentations

16 July, 2000 Presentations and Valedictory session

Specially prepared questionnaire was given to each of the participants for their feed back and suggestions for improvement of the programme. The programme has been rated as "Very good" with some suggestions for improvements. The arrangements and programme structure has been appreciated. They have expressed an opinion that inclusion of foreign experts in the list of resource persons benefited them to a great extent. There is a general opinion that participation in the "International Symposium on Development Policies for the New Millennium in Honour of Prof. Kirit S. Parikh" was of great help for them.

Expressing the usefulness of the programme as high they felt that more interaction with students and faculty members of the host institute (IGIDR) would have benefited the participants and their research works to a great extent. Library facilities of IGIDR were highly praised with a request for more time to be allotted for the library visits. Participants were very active and wanted the class schedule to be prolonged. Accordingly the classes continued till 20.00 on almost all days leading to 11 hours or more of contact time everyday.

General Rating

Overall rating of the programme was 3.0 out of 4.0. Among various components of the programme International symposium has received the best rating with 3.64 out of 4.0. Participants have opined that the symposium of great help in furthering their awareness for Environmental Economics and Environmental Policy Development. Overall rating of the other components of the programme are given below:

Excellent = 4.0; Very Good = 3.0; Good = 2.0; Poor = 1.0

Component of the Programme	Rating
Over all quality	3.0/4.0
International Symposium	3.6/4.0
Project Development Workshop	3.1/4.0
Lectures of the Programme	3.3/4.0
Presentations by Co-participants	2.6/4.0
Facilities provided including Library of IGIDR	3.8/4.0
Programme Structure	2.5/4.0
Material Supplied	2.8/4.0

Facilities provided for them, which include IGIDR library, Accommodation, Food and Assistance by the coordinator, received a rating of 3.8 out of 4.0. The lectures of the resource persons were rated among the best with 3.3 on a scale of 4.0. Although individual components of the programme such as lectures, international symposium, project development workshop are well appreciated the overall programme structure got low rating mainly because they wished to extend the programme further and also allocation of more time for library visits were made, which may be considered positively for the future programmes. While presentations of co-participants got low rating, everyone was keen to present his/her own.

Suggestions

It was, in general, opined that the programme should be longer than 4 days.

- Majority of the students took permission to stay on campus for two/three days for further discussions with faculty members and students of IGIDR and also for literature survey at IGIDR library, which they found to be one of the best among the other libraries of Indian Universities.
- The interaction among the participants was extensive. In fact they have formed an email group to continue their interactions and networking which in other words is the realization of the very objective of Capacity Building.

Suggestions by IGIDR:

- Participants should be explicitly told that presentation of their own thesis is one of the important aspects as the programme is supposed to improve their thesis.
- For general lectures on Environmental Economics, they should attend the other training courses under the EMCaB Project
- Also it is suggested that such courses be offered for Ph.D. scholars under EMCaB Project.

Annex 1: List of participants

Name of the participant	Affiliation
1. Mr.Amalendu Jyotishi	ISEC, Bangalore
2. Ms. Mini G	University of Mysore, Mysore
3. Mr.Bhoopathi S.	Bharathidasan University, Tiruchirappalli
4. Mr.Puttaswamaiah S.	ISEC, Bangalore
5. Mr.Sanatan Nayak	University of Hyderabad
6. Mr.Annadurai	Madras School of Economics, Chennai
7. Ms.Hemanti Biswas	IGIDR, Mumbai
8. Mr.Justin Paul	IIT Bombay, Mumbai
9. Ms.Jeena T.S.	ISEC, Bangalore
10.Mr.S.Tholkappian	Madras School of Economics, Chennai
11.Mr.J.Secrettees	Madras University, Chennai
12.Mr.N.Balaraju	Wageningen Agricultural University, Gujarat
13.Mr.Bonoy Pal	IIT Bombay, Mumbai

Annex 2: List of resource persons

Name of the participant	Affiliation
Dr.Jyoti K. Parikh	Indira Gandhi Institute of Development Research, Mumbai (Chairperson, EERC, World Bank Project)
Dr.M.Keyser	Centre for World Food Studies, Amsterdam
Dr.Nakicenovic	International Institute of Applied Systems Analysis, Austria
Dr.Mohan Munasinghe	University of Colombo, Sri Lanka (with the World Bank)
Dr.Paul Appasami	Madras School of Economics, Chennai
Dr.Ramprasad Sengupta	Indian Institute of Management (IIM), Calcutta
Dr.Sudhakar Yedla	Indira Gandhi Institute of Development Research, Mumbai
Dr.M.S.Swaminathan	Chairman, MS Swaminathan Research Foundation, Chennai
Dr.M.G.K.Menon	Former Minister for Science and Technology, Govt. of India
Dr.Dilip Ahuja	Institute of Advanced Studies, Bangalore

Annex 3: Schedule for the Training Programme

13th July 2000

Due to inclined whether, most of the participants arrived late and so the programme was started late in the afternoon.

10.00 to 11.00: Registration

14.00 – 14.45:

Dr.M.S.Swaminathan, Chairman, MS.Swaminathan Research Foundation, Chennai on "Poverty, Agricultural and Rural Development"

14.45 to 15.30: Opening remarks and Introduction to the course – Prof.Jyoti K.Parikh

15.30 – 16.30

Lecture by M.Keyser, Centre for World Food Studies, Amstredam, on "Economic Valuation of environment"

16.30 – 16.45

Tea break

16.45 –17.30

Ms.Haimani on "Exposure to respirable dust: Case studies in Tamilnadu"

Resource persons: Dr.M.Keyser, Dr.Nakicenovic and Prof. Jyoti Parikh

17.30 – 18.30

Small group discussion with Dr.M.Keyser and Dr.Nakicenovic

14th July 2000

9.30 – 13.00

Participation in the "International Symposium on Development Policies for the New Millennium in Honour of Prof. Kirit S.Parikh

9.30 – 10.30

Prof.M.G.K.Menon, Former Minister for Science and Technology, Govt. of India on "Role of Science and Technology in Sustainable Development"

Prof.Jyoti K.Parikh, Senior Professor, IGIDR, on "Energy and Environment"

10.30 –11.45

Dr.Ramprasad Sengupta, IIM, Calcutta on "Economic Redorms and Energy Efficiency"

Dr.Dilip Ahuja, IAS, Bangalore on "Renewable Energies and Subsidies"

11.45 – 12.00

Tea break

12.00 –13.00

Dr.Nakicenovic, IIASA, Austria on "Climate Change and Lan-use in the New Millennium"

13.00 – 14.00

Lunch

14.00 – 14.45

Lecture by Dr.M.Keyser on "The Value of Stocks and Flows in Process-based Models with Renewable Resources"

14.45 – 15.45

Ms.Jeena on "Economics and Institutional Factors in the Use and Management of Wetlands, A Case Study of Cochin Backwaters, Kerala".

Resource persons: Dr.Nakicenovic and Dr.Mohan Munasinghe

15.45 – 16.00 Discussion

16.00 – 18.00

Inaugural Convocation of IGIDR

18.00 – 20.00

Small group interaction with resources persons (Dr.M.Keyser and Dr.Nakicenovic)

15th July 2000

9.30 – 11.15

Participation in the project development workshop (of the World Banks Environmental Management Capacity Building Project) on formulation and project development issues and recommendations emerge out of the expert discussions

11.15 – 11.30 Tea

11.30 – 13.00

Participation in the parallel sessions of the project development workshop and 1-1 interactive session

13.00 – 14.00 Lunch

14.00 – 14.45

Lecture by Dr.Ramprasad Sengupta on "Pollution abatement and policy development"

14.45 – 15.20

Mr.Amalendu Jyotishi on "Ecological, Economic and Institutional Aspects of Shifting Agriculture: A Study in Orissa".

Resource person: Dr.Ramprasad Sengupta

15.20 – 16.00

Mr.Secrettees on "River Pollution in Cauveri River Basin"

Resource person: Dr.Ramprasad Sengupta

16.00 – 16.10 Tea break

16.10 – 17.00

Prof. Paul Appasami, Madras School of Economics, on "Environmental and Ecological Economics"

17.00 – 17.40 Mr.Binoy Paul "Economics of Biodiversity Conservation",
Resource person: Dr.Paul Appasamy

18.00 – 19.00 Lecture by Dr.Mohan Munasinghe, Colombo University, Sri Lanka on "Climate
Change Issues"

19.00 – 20.00

Lecture by Dr.Nakicenovic on "Climate Change and Technology Transfer Issues"

16th July 2000

10.00 – 12.00

Student Presentations

Resource Persons: Resource Persons: Prof.Jyoti Parikh Dr.Sudhakar Yedla

10.00 – 10.30

Mr.S.Tholkappian "Economic Analysis of Water Pollution in Textile Bleaching of Dyeing Industry:
Study of an Industrial zone"

10.30 – 11.00

Mr.Justin Paul "Impact of Globalisation on Industrialisation: An Exploration"

11.00 – 11.30

Mr.Sanatan Naik on "Impact Assessment of Big Dams: A Case Study."