



TRAINING PROGRAMME
on

Optimization Theory and Applications

February 10-14, 2010

sponsored by

Department of Science and Technology, Government of India

(under India Mathematics Year 2009)

The Department of Mathematics, Faculty of Mathematical Sciences, University of Delhi, Delhi is organizing a Training Program on Optimization Theory and Applications, during February 10-14, 2010. This training program is planned for young researchers & teachers (preferably below the age of 35 years) who are currently doing research or are interested in pursuing research in the area of Optimization Theory and Applications. The focus would be to introduce some recent and popular research fields within the broad research area, Optimization. The following topics are likely to be covered:

- **Vector Optimization**
- **Minimax Programming**
- **Duality Theory**
- **Second Order Optimality**
- **Abstract Convex Analysis**
- **Generalized Convexity and Generalized Monotonicity**
- **Optimization in Statistical Estimation Theory**
- **Variational Relation Problems**
- **Fixed Point Theory**
- **Parametric Optimization**
- **Genetic Algorithms in Multiobjective Decision Making**
- **Optimal Control Problem**
- **Financial Optimization**
- **Fuzzy Optimization**
- **Variational Inequalities**
- **Modeling Imprecision in Optimization**

This program will provide a platform through which the participants can benefit from the rich experience of some very prominent experts on the above topics.

The following speakers are scheduled to deliver talks in the training program.

1. **Prof. Fabian Flores-Bazan (Chile)**
2. **Prof. Hang-Chin Lai (Taiwan)**
3. **Prof. Dinh The Luc (Vietnam, France)**
4. **Prof. Juan Enrique Martínez-Legaz (Spain)**
5. **Prof. Lai-Jiu Lin (Taiwan)**
6. **Prof. N. D. Yen (Vietnam)**
7. **Prof. Nicolas Hadjisavvas (Greece)**
8. **Prof. G. M. Lee (Korea)**
9. **Prof. Sat Gupta (USA)**
10. **Prof. Suresh Chandra (IITD, India)**
11. **Prof. Nirupam Chakraborty (IITKgp, India)**
12. **Prof. Q. H. Ansari (AMU, India)**
13. **Prof. S. P. Yadav (IITR, India)**
14. **Dr. S. K. Mishra (BHU, India)**
15. **Dr. Joydeep Dutta (IITK, India)**
16. **Dr. Pankaj Gupta (DU, India)**
17. **Dr. Aparna Mehra (IITD, India)**

All participants would be paid (up to) AC 3 return train fare (wherever applicable) from their place of residence to Delhi and would be provided free boarding and lodging facilities. It may be noted that we have limited registration number. The interested participants should fill in the registration form and send it latest by January 15, 2010 to the following email-id:

tpotadu@gmail.com

The participants are required to send recommendation letter from supervisor/mentor either to the above email id (scanned copy) or by regular post at the following address, latest by January 15, 2010.

Dr. Pankaj Gupta
Department of Operational Research
Faculty of Mathematical Sciences
University of Delhi, North Campus
Delhi-110007.

The selected candidates would be informed of their selection by email. The website of the training programme is <http://www.tpota.du.ac.in>

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REGISTRATION FORM

Training Program on Optimization Theory and Applications

February 10-14, 2010

Name	
Sex	
Qualification	
Designation	
Affiliation with complete address	
Areas of Interest	
Email	

Place

Signature