



Paritantriika

General Systems News



A News letter of the DEI-Dayalbagh Chapter of Systems Society of India
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Joint International Conference on Applied Systems Research and XXXIII National Systems Conference (ASR-NSC 2009) at DEI, Dayalbagh (November 27-29, 2010)

The Joint International Conference on Applied Systems Research and XXXIII National Systems Conference (ASR-NSC 2009) was organized by Dayalbagh Educational Institute (Deemed University), Dayalbagh, Agra in collaboration with Systems Society of India from November 27-29, 2009. ASR-NSC 2009 witnessed three days of buzzing systemic activity in a wide spectrum of system disciplines ranging from literary systems to socio-economic systems, engineering systems to biological and chemical systems and a host of tutorial talks, invited and vision talks on areas from complexity theory to energy systems.

The event was inaugurated by Prof. Jack B. Ellis, Professor Emeritus in Environmental Studies, York University, Toronto, Canada with his talk on "Systems (Paritantra) for Better World Order". The vision talk was delivered by Revered Prof. P.S. Satsangi, Chairman Advisory Committee on Education, Dayalbagh Educational Institutions on the topic "Applied Systems Research for Better Worldliness".

In the Inaugural Function, Lifetime Achievement Awards were conferred by Dayalbagh Educational Institute on stalwarts in systems science and engineering who have brought the systems movement to its present state. The awardees are listed below :

1. Prof. Jack Ellis, Professor Emeritus, York University, Canada
2. Prof. Peter Roe, Director International Programmes, University of Waterloo
3. Prof. George Klir, State University of New York, Binghamton
4. Prof. H.K. Kesavan, University of Waterloo (in absentia)
5. Prof. Herman Koenig, Michigan State University (in absentia)
6. Prof. S.C. Dutta Roy, IIT Delhi
7. Prof. J. Nanda, IIT Delhi

After receiving the awards, the awardees gave a brief acceptance speech and video recorded speech of Prof. Kesavan was played.

Systems Society of India has instituted several awards which include the National Systems Gold Medal, R.K. Varshney Award for Systems Theory, Young Systems Scientist Award and the SSI Vikram Award. The SSI Awards for year 2009 were conferred on the following scientists :



National Systems Gold Medal : Dr. V.K. Aatre, Former Scientific Advisor to Defence Minister

R.K. Varshney Award in Systems Theory : Prof. Prabhat Kumar, Professor, Dept. of Electrical Engg., Aligarh Muslim University

Young Systems Scientist Award :

1. Ms. Bani Dayal, Dayalbagh Educational Institute, Dayalbagh, Agra
2. Dr. Ambalal Vinayak Patel, Aeronautical Development Agency, Bangalore

Vikram Award for real life systems of National importance :

1. Mr. S.R. Vijayamohanakumar, Vikram Sarabhai Space Centre, Thiruvananthapuram
2. Prof. V.I. George, Manipal Institute of Technology, Manipal

The plenary talks were delivered by Prof. P.K. Kalra, Director IIT Rajasthan, Prof. Karmeshu, Jawaharlal Nehru University, Prof. A.L. Agarwal, President, Association for Transport Development in India, Prof. Peter Roe, Director International Programs, University of Waterloo, Prof. George Klir, Professor Emeritus, State University of New York at Binghamton and Dr. Kirsty Kitto, Queensland University of Technology, Australia. The tutorial talks were delivered by Prof. D. Anand Rao, President DEI-Dayalbagh Chapter of SSI and Ms. Mukti Srivastava, Student Member of SSI at Dayalbagh along with Mr. Anoop Srivastava, Research Scholar DEI. There were 126 paper and poster presentations spread over 13 sessions including the poster session. The culmination of the conference was the Panel Discussion on Retrospectives and Prospectives of the Systems Movement with profound ideas expressed by stalwarts in the field which will impart a new impetus to the systems movement.

The Valedictory talk was delivered by Mr. B.P. Rao, Chairman and Managing Director, Bharat Heavy Electricals Ltd., one of the foremost power companies in the world. In the Valedictory Function, the Best Paper Presenters of each session were presented with Young Systems Scientist Awards by ASR-NSC 2009 Organizing Committee. The winners were :

Biological and Chemical Systems	Dr. Pushpa Sahni
Bio-Medical Systems	Dr. S.P. Singh
Computing Systems	Dr. C. Vasanta Lakshmi
Consciousness Systems	Ms. Vineeta Mathur
Electronic and Communication Systems	Mr. Nitin Kumar
Humanities, Literary and Educational Systems	Ms. Bani Dayal, Ms. Mukti Srivastava
Mathematical and Physical Systems	Ms. Antika Thapar
Mechanical and Transport Systems	Mr. Anoop Srivastava
Power Systems	Mr. Sanjeev Singh
Quantum and Nano Information Systems	Ms. Dayal Pyari Srivastava
Socio-Economic, Commerce and Business Systems	Prof. D.S. Mishra
Soft Computing Systems	Prof. Satish Kumar
Poster Session	Dr. Sidhartha Agrawal

PARITANTRA 2010 (March 8, 2010) **Third Indian Students Systems Conference** **and Inauguration of** **QUANTUM-NANO SYSTEMS CENTRE** **DEI RESEARCH AND TECHNOLOGY PARK**

PARITANTRA 2010, Third Indian Students Systems Conference was organized on March 8, 2010 at the newly established Quantum-Nano Systems Centre in the DEI Research and Technology Park, modeled on the lines of Research and Technology Park at University of Waterloo, with a mandate to foster radical innovation. In the words of Prof. David Johnston, President, University of Waterloo, "It takes just one person to have an idea, but the ideas come faster and more frequently when talented people come together to sharpen each other's insights and pool their expertise. This is what the Research and Technology Park provides – a community for innovation." The facility was Inaugurated by Revered Prof. P.S. Satsangi, Chairman, Advisory Committee on Education, Dayalbagh Educational Institutions by unveiling the Inaugural Plaque.

PARITANTRA 2010 featured paper and poster contributions from students at other DEI Chapters of the Society located all over the country in various Distance Education centres. There were 61 oral presentations in 6 sessions and a poster session and the conference witnessed several hours of buzzing activity in all aspects of systems studies with a wide spectrum of topics being discussed.



Glimpses of PARITANTRA 2010

The Valedictory Talk entitled "System theory as an academic discipline: some reminiscences" was delivered by Prof. H.K. Kesavan, Founder Chairman, Dept. of Systems Design Engineering, University of Waterloo.

The best presentations of the day were awarded with Young Systems Scientist Awards. The winners were :

Socio-Economic, Commerce and Business Systems	K Mohit
Educational Systems	Neha Shivhare
Humanities, Literary Systems and Theology	Bani Dayal
Engineering Systems	Arsh Dayal
Electronic and Computing Systems	Dayal Pyari Srivastava
Biological and Chemical Systems	Neeraj Kumar
Poster Presentation	Ratnanjali Srivastava

Qualifications / Professional Experience for becoming a **Life Member of Systems Society of India**

It is a matter of great pleasure for SSI to open its membership to professionals with the following qualifications / experience :

Arts

- a) M.A.
- b) M.Phil.
- c) B.A. with two years relevant professional experience

Commerce

- a) B.Com. with one year relevant professional experience
- b) M.Com.

Education

- a) B.Ed.
- b) M.Ed.

Social Sciences

- a) B.B.M. with one year relevant professional experience
- b) M.B.A.
- c) B.A. (Social Sciences) with two years relevant professional experience

Science

- a) B.Sc. with one year relevant professional experience
- b) M.Sc.
- (c) M.Phil.

Engineering

- a) B.Sc. (Engg.) / B.Tech. / B.E.
- b) M.Tech.

Diploma Holders

- a) Diploma in Engineering with 3 years relevant professional experience"

The application may be submitted through the nearest Chapter:

1. Aligarh
2. Bangalore
3. Calicut
4. Chandigarh
5. Chennai
6. Coimbatore
7. Dayalbagh
8. Delhi
9. Jaipur
10. Kanpur
11. Kharagpur
12. Lucknow
13. Ludhiana
14. Manipal
15. Noida
16. Secunderabad
17. Sikkim
18. Thiruvananthapuram
19. Visakhapatnam