
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:
The plenary talks were delivered by Prof. P.K. Kalra, Director IIT Rajasthan, Prof. Kameshwar, 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 Kito, 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. Vasantha 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 Agraval

### 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.

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

### Socio-Economic, Commerce and Business Systems
K Mohit

### Humanities, Literary Systems and Theology
Bani Dayal

### Engineering Systems
Arsh Dayal

### Biological and Chemical Systems
Dayal Pyari Srivastava

### Poster Presentation
Ratnani Jal Srivastava

### Science
Neeraj Kumar

### Engineering
Kesavan, Founder Chairman, Dept. of Systems Design Engineering, University of Waterloo.

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 application may be submitted through the nearest Chapter:

- a) Diploma in Engineering with 3 years relevant professional experience
- b) M.Tech.
- c) M.Sc.
- d) B.Com.
- e) B.Ed.
- f) M.Ed.
- g) B.Sc. (Engg.) / B.Tech. / B.E.
- h) M.Tech.

**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**

- 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