

PROGRAMME

ELEVENTH NIAS COURSE

ON

**AN INTEGRATED APPROACH TO KNOWLEDGE AND INFORMATION
FOR UNIVERSITY AND COLLEGE TEACHERS**

Co-sponsored By

University Grants Commission, New Delhi

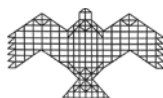
and

Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore

16 January to 5 February 2008

Course Theme

**FRONTIER AREAS OF RESEARCH AND EDUCATION:
THE ROLE OF UNIVERSITIES**



National Institute of Advanced Studies
Indian Institute of Science Campus
Bangalore 560 012

DAILY SCHEDULE

06.00 AM	-	07.00 AM	Yoga
08.00 AM	-	09.00 AM	Breakfast
09.30 AM	-	11.00 AM	First Lecture
11.00 AM	-	11.30 AM	Tea / Coffee
11.30 AM	-	01.00 PM	Second Lecture
01.00 PM	-	02.00 PM	Lunch
02.00 PM	-	03.30 PM	Third lecture
03.30 PM	-	04.00 PM	Tea / Coffee
04.00 PM	-	05.30 PM	Project Presentations by Participants
06.00 PM	-	08.00 PM	Evening Programme
08.30 PM	-	09.30 PM	Dinner

INAUGURATION

16 January 2008 10.00 a.m.

Inaugural Lecture by Prof P. Balaram, Director, Indian Institute of Science, Bangalore
Reforming Indian Universities: Triad of Universities, Research Institutes and Industries

EVENING PROGRAMMES

16 January, Wednesday	Lecture: Growth of Power Sector in India by Dr R.P. Singh, CMD, Power Grid Corporation of Limited, Gurgaon
India	
31 January, Thursday	Play: Putti by R.K. Narayan The Seer Who Couldn't See ... Saw by Students of Oxford English School, Bangalore
4 February, Monday	Farewell Function

VALEDICTORY

5 February, Tuesday, 11.00 a.m.

Valedictory Address by Prof A. Vaidyanathan, Honorary Fellow
Centre for Development Studies, Thiruvananthapuram
Social Science Research in India: Some Emerging Issues

WEEK I

- 16 Jan, Wed m: **Inauguration** (10.00 a.m.)
a: Orientation to the Course and Meeting with the Faculty of NIAS
e: Public Lecture (6.00 p.m.)
- 17 Jan, Thu m: **Space and Security**
Prof Rajaram Nagappa, NIAS
Lilliputian Cups
Prof Giridhar U. Kulkarni, JNCASR, Bangalore
a: Self-Introduction (1 & 2)
- 18 Jan, Fri m: **Living with Large Wildlife: Science and Conservation in India - Workshop**
a: Prof Anindya Sinha, NIAS, Dr Sindhu Radhakrishna, NIAS and Dr M.D. Madhusudan, Nature Conservation Foundation, Mysore
Self-Introduction (3)
- 19 Jan, Sat **Visit to Belur, Halebid and Shravanabelagola**

WEEK II

- 21 Jan, Mon m: **Life Skills Education: Concept, Context, Content - Workshop**
Prof Shekhar P. Seshadri, NIMHANS, Bangalore
a: **Mental Health of Adolescents**
Prof Malavika Kapur, NIAS
Self-Introduction (4)
- 22 Jan, Tue m: **Indian Philosophical Traditions and Contemporary Thought: Workshop**
a: Prof Sundar Sarukkai, NIAS, Dr Sangeetha Menon, NIAS and Dr Rajesh Kasturirangan, NIAS
Self-Introduction (5)
- 23 Jan, Wed m: **When Mathematics Became Technology: The World Turing Made**
Prof Timothy Poston, NIAS
Role of Universities in Building Civil Societies
Dr Gopakumar Thampi, Public Affairs Foundation, Bangalore
a: Self-Introduction (6 & 7)
- 24 Jan, Thu m: **Advances in the Frontiers of Physical Sciences**
Prof B.V. Sreekantan, NIAS
Cultural Studies and New Institutional Spaces
Dr S.V. Srinivas, CSCS, Bangalore
a: Project 1
Research Gaps in Decentralised Governance
Dr S.S. Meenakshisundaram, NIAS

- 25 Jan, Fri m: **Gender, Education and Occupation**
Dr B.K. Anitha, NIAS
- CEDAW: Application for Ensuring State Obligations**
Prof N. Shantha Mohan, NIAS
- a: Project 3
- eResources for Teaching and Research**
Ms Hamsa Kalyani, NIAS
- 26 Jan, Sat m: **Hindustani Classical Music: A Lecture-Demonstration**
Ms Aditi Upadhya, Bangalore
- WEEK III**
- 28 Jan, Mon m: **Do Animals have Minds?**
Dr Howard Sankey, University of Melbourne, Victoria, Australia
- Pakistan's Ballistic Missile Programme**
Prof S. Chandrashekar, NIAS
- a: Project 4 and Project 5
- 29 Jan, Tue m: **Mathematics: Some Research Directions and Teaching**
Prof Mythily Ramaswamy, TIFR, Bangalore
- Teaching and Research: Dichotomy to Synthesis**
Prof V.K. Natraj, Mysore
- a: **Reinventing India in the New Global Economy
and Screening of Film**
Dr Carol Upadhya, NIAS
- Movie**
- 30 Jan, Wed m: **Eclipses Transits and Occultations in Indian Astronomy**
Dr S. Balachandra Rao, NIAS
- Towards a Practice and Theory of Elementary Education**
Prof A.R. Vasavi, NIAS
- a: **Visit to IISc, Bangalore**
- 31 Jan, Thu m: **Cumulative Contexts, Necessary Interventions (2 sessions)**
- Mr S. Raghunandana, Sambandha Theatre Company, Bangalore**
- a: **Advances in Genetics and Disease: Implications for Health and Society**
Prof Sanjeev Jain, NIMHANS, Bangalore
- e: Play (6.00 p.m.)
- 01 Feb, Fri m: **Structural Changes in the Indian Economy**
Prof Narendar Pani, NIAS
- Child Labour: Movie**
Dr V. Gayathri, MAYA, Bangalore
- a: **Visit to ISRO Satellite Centre, Bangalore**

02 Feb, Sat m: **Evaluating Special Economic Zones: Workshop**
Prof P.K. Shetty, NIAS, Dr S.L. Rao, ISEC, Bangalore
Prof Narendar Pani, NIAS

Project 2

WEEK IV

04 Feb, Mon m: **What is Philosophy's Future? Constraints on Humanistic Education**
Dr Cressida J. Heyes, University of Alberta, Alberta, Canada

**The Head and the Hand: On Thought Experiments and Real Experiments
in Sciences**

Dr M.G. Narasimhan, NIAS

a: Free

e: **Farewell Function** (6.00 p.m.)

05 Feb, Tue m: Feedback on the Course
Valedictory