

PROGRAMME

NINTH NIAS COURSE

ON

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

Co-sponsored By

University Grants Commission, New Delhi

Indian Space Research Organization, Bangalore

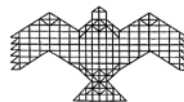
and

Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore

28 December 2005 to 17 January 2006

Course Theme

EDUCATION, RESEARCH AND 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 / Seminar by participants
03.30 PM - 04.00 PM	Tea / Coffee
04.00 PM - 05.30 PM	Seminar by participants
06.30 PM - 08.00 PM	Evening programme
08.30 PM - 09.30 PM	Dinner

INAUGURATION

28 December 2005 10.00 a.m.

Inaugural Lecture by Prof P. Balaram, Director, Indian Institute of Science
Are Research Institutions Islands of Excellence

EVENING PROGRAMME

6 January, Friday	Lecture:	Dancing With The Gods – An Insight Into Creative Writing Anita Nair, Bangalore
7 January, Saturday	Theatre: Group	Not An Ordinary Man A Play on Einstein by Ordinary People Theatre
9 January, Monday	Lecture:	Higher Education and Career Development Tony Watts, National Institute for Careers Education and Counselling, Cambridge, England
10 January, Tuesday	Lecture:	WTO and Trade Issues Abdul Quader Shaikh, U.S. Department of Commerce, Washington
16 January, Monday		Farewell Function

VALEDICTORY

17 January, Tuesday, 11.00 a.m.

Valedictory Address by Prof M.S. Thimmappa, Vice-Chancellor, Bangalore University
The Hope for Indian University Education

A Discussion on the Course: Course Participants and NIAS Faculty

WEEK I

- 28 Dec, Wed m: **Inauguration**
a: Orientation to the Course and Meeting with the Faculty of NIAS
- 29 Dec, Thu m: **Creativity in Indian Science**
R.L. Kapur, NIAS
Of Monkeys, Men and Morals: Studying Primates in India
Anindya Sinha, NIAS
a: **Industry Institute Interaction**
Yogendra Simha, IISC, Bangalore
- 30 Dec, Fri m: **The Future of Healthcare: Medical Pluralism**
Darshan Shankar, FRLHT, Bangalore
An Exciting Journey Through the Nano-Tubes
Ajay K. Sood, IISC, Bangalore
a: **Three Dimensions and Beyond**
Timothy Poston, NIAS
Self-Introduction (1)
- 31 Dec, Sat m: Visit to Belur, Halebid and Shravanabelgola

WEEK II

- 2 Jan, Mon m: **Indian Tradition and Contemporary Thought**
Sundar Sarukkai, NIAS
An Overview of Indian Theatre
S. Raghunandana, Sambandha Theatre Company, Bangalore
a: **Constituents of the Universe**
B.V. Sreekantan, NIAS
Self-Introduction (2)
- 3 Jan, Tue m: **Mental Health of Adolescents**
Malavika Kapur, NIAS
Nanoscale Biology: Paradigm for Tabletop Experimental Science
G.V. Shivashankar, NCBS, Bangalore
a: **Tribal Education: An Insider's Viewpoint**
Jadegowda, Vivekananda Girijana Kalyana Kendra, Yelandur
Self-Introduction (3)
- 4 Jan, Wed m: **Biotechnology in Agriculture: Science and Business**

P.K. Shetty, NIAS

Excellence in Science and Technology Education in India

B.K. Anitha, NIAS

a: **Life Skills Education**
Shekhar P. Seshadri, NIMHANS, Bangalore

Self-Introduction (4)

5 Jan, Thu m: **Applications of Nanotechnology**
Giridhar U. Kulkarni, JNCASR, Bangalore

How Contemporary are the IIMs? Business Curricula in a Globalised World
S. Chandrashekar, NIAS

a: Project (1)

Project (2)

6 Jan, Fri m: **India, Pakistan and China: Looking for Convergence**
Panel Discussion
Chair: S. Chandrashekar, NIAS
Speakers:
S. Settari, NIAS
Lawrence S. Prabhakar, Madras Christian College, Chennai
Sonika Gupta, NIAS

a: **Indo-US Civilian Nuclear Cooperation**
S. Rajagopal and Arvind Kumar, NIAS

Project (3)

7 Jan, Sat m: **The Teacher as Practitioner of Human Relationships**
a: **and Facilitator of Change: Workshop**
Sudhakar S. Nayak, MAHE, Manipal

WEEK III

9 Jan, Mon m: **Scales of Organization in Biology**
Satyajit Mayor, NCBS, Bangalore

Relevance of Gandhian Thought
Narendar Pani, Economic Times, Bangalore

a: **Electricity: Our Breath of Life. How are We Doing in India**
D.P. Sengupta, NIAS

Project (4)

10 Jan, Tue m: **Equality and Quality of Education**
V.K. Natraj, Chennai

Globalisation and Higher Education

Thomas C. Mathew, Christ College, Bangalore

a: **School Curriculum and Inter-linkages with Higher Education**
Panel Discussion

Chair: Padma M. Sarangapani, NIAS

Speakers:

Veda Zachariah, Sanjeevini Trust, Bangalore

Niranjan Aradhya, National Law School of India University, Bangalore

Jyothi Sahi, Bangalore

11 Jan, Wed m: **The Evolution of Myrmecophytism or How to be an Ant-Plant**
Renee Borges, IISC, Bangalore

Right to Information Bill – 2005

Gopakumar Thampi, Public Affairs Foundation, Bangalore

a: **Wings and Whirlpools: The Sciences of Fluid Flow**
Roddam Narasimha, JNCASR, Bangalore

Project (5)

12 Jan, Thu m: **Decentralisation – A Neglected Theme for Research**
S.S. Meenakshisundram, NIAS

CEDAW and Educational Rights of Girls

N. Shantha Mohan, NIAS

a: **Brain and Consciousness: Views and Challenges**
Sangeetha Menon, NIAS

Project (6)

13 Jan, Fri m: **Supernovae and Other Energetic Phenomenon**
G.C. Anupama, IIA, Bangalore

**Equity and Development: A Presentation of the 2006
World Development**

Vijayendra Rao, World Bank

a: Visit to ISRO Satellite Centre

14 Jan, Sat m: **Hindustani Classical Music: A lecture-demonstration**
Aditi Upadhya, Bangalore

WEEK IV

16 Jan, Mon m: **Taking Science to the Masses**
Madhav Gadgil, IISC, Bangalore

Art and Technology

Vijay Naidu, Sri Bhagavan Mahavir Jain College, Bangalore

a: **The Greatest Debate in the History of Modern Physics**
M.G. Narasimhan, NIAS

Can Mathematics be Made Easy?
Prabhakar G. Vaidya, NIAS

17 Jan, Tue m: **Valedictory**

