

Centre for Philosophy

Foundations of Science

and

ENTRE FOR PHILC

quantum theory of scientists and philosophers working on the foundations of realize the vision of the Centre for Philosophy and Foundations of Science (CPFS) which was established at the initiative of a group The World Institute for Advanced Study will serve as a facility to

- Centre of Excellenc Institute for Advance initiative of CPFS, w outstanding success i
- Rationale: The rise of India and Asia as economic powerhouses places an onus on these countries to deploy their rich human resource endowment to contribute in fuller measure to the advancement of knowledge and well-being worldwide, which in turn requires the strengthening of research infrastructure and global linkages. The World Institute for Advanced Study, developed as an international consortium with partners in different countries (India, UK, US and Europe) will serve as a flagship institution in the vanguard of scientific research and also help bridge the divide between the two cultures by promoting public understanding as well as foster dialogue between world civilizations in the interests of perpetual peace.
- trengths: CPFS, registered as a ot-for-profit public trust on August , 1998, is fortunate to have as reource persons, scientists of the highest alibre dedicated to the pursuit of mowledge. The Centre receives grants from the Department of Science and Technology, Government of India and eading corporate houses with philanhropic traditions. The World Institute for Advanced Study project was concernalized and adopted in 2001 under

- a global knowledge economy that is fundamentally inclusive in nature and significantly impact the sustenance and well-being of millions.

 Future vision: As a model 21st century institution, the Institute will focus on the generation of knowledge and technique and will be expected to catalyze major scientific advances within a decade, by focusing effort on carefully chosen frontier problems.

 Past record: Exceptionally for institutions of this kind, a stellar record of activities precedes major fund mobilization
- International importance: As a global facility, the institute will impart specialized skills as well as incubate appropriate technologies, working with multilateral institutions.

- ey foundational problems of contemorary science and philosophy, evelop concepts, tools and methods required for emerging areas that anscend disciplinary boundaries and
- nurture new technological spin-offs resulting from fundamental enquiry, draw on the resources of the philosophical traditions of both East and West in exploring questions at the boundaries

- Mathematics and Natural Sciences Philosophy Social Sciences

FRONTIER AREAS RESEARCH EX-CELLENCE PROGRAMMES

STRUCTIONAL PROGRAMMES

- esearch: An M. Phil. level pro-ramme resulting in a postgraduate ploma, a Certificate of Advanced tudy will involve two trimesters of ourses taught by the Institute Fac-lty, at the end of which there will be ritten examinations followed by one immester of research on a chosen topic,
- trimester of research on a chosen topic, culminating in a dissertation.

 Extramural studies: The 'India of Ideas', an initial offering of 12 lectures.

 Applications can be made online by logging on to the URL http://www.

Distinguished Lectures Four lectures honouring Jagadis Chandra Bose, Rabindranath Tagore, Albert Einstein and Erwin Schrödinger.

- Publications
 Imprints Scientia, Principia and Prama and a series published by Oxford University Press entitled 'Foundations of Philosophy in India'. Titles for which CPFS has international rights may be ordered online through http://www.
- search Colloquia ngress of Philosophy and Founda ns of Science
- A premier international forum that has egularly served as a nodal point for liscussions in the frontiers, foundations and philosophy of the sciences, his Congress is unique in conception and has been held without break for 12

• Board of Advisers CPFS

Prof. Girish S. Agarwal (Director, Phys. Res. Lab Ahmedabad) • Prof. Sibajiban Bhattacharyya (Retd. Professor of Philosophy, Calcutta) • Prof. Robert S. Cohen (Ctr for Phil. & Hist. of Science, Boston University) • Prof. Anil Gupta (Department of Philosophy, University of Pittsburgh) • Prof. Dipankar Home (Bose Institute, Calcutta) • Prof. J. N. Mohanty (Department of Philosophy, Temple University, Philadelphia) • Prof. Ranjit Nair (Director CPFS) ex officio Member Secretary • Prof. T. Padmanabhan (Dean, Core Academic Programs, IUCAA, Pune) § Prof. G. C. Pande (former Chairman, Governing Body, IIAS, Shimla) • Prof. Roger Penrose (Rouse Ball Professor Emeritus, Mathematical Institute, Oxford) • *Prof. Raja Ramanna (M.P., Rajya Sabha) • Prof. V.S. Ramachandran (Director, Ctr for Brain and Cognition, University of California San Diego, La Jolla) • Prof. S.M. Roy (TIFR, Mumbai) • *Prof. P.K. Sen (Professor of Philosophy, Jadavpur University, Kolkata • Prof. Virendra Singh (Former Director, TIFR, Mumbai) • Prof. E.C.G. Sudarshan (Dept. of Physics, Univ. of Texas, Austin) President • Prof. N.S.R. Tatacharya (retd. V-C, Rashtriya Skt Vidyapith – Tirupati)





























