

**Department of Science and Technology, Government of India  
Indian–Israeli Scientific Research Cooperation  
Call for Project Proposals (2004–2005)**

Within the framework of the Israeli–Indian agreement on scientific cooperation, the governments of the two states provide financial support for joint research projects carried out by Israeli and Indian scientists jointly, Indian–Israeli research teams are hereby invited to submit joint proposals on the topics details below:

**A. Areas:**

**1. Agricultural and Medical Biotechnology**

- a. Genomic and proteomics for human diseases treatment
- b. Genomics, proteomics and metabolomics for crop improvement (including resistance to biotic and abiotic stress)

**2. Nanotechnology**

- a. Optical interactions, diagnostics and manipulation of nano-particles/structures
- b. Novel nano-structures using biological entities as building blocks
- c. Self-assembly of nano-structures for complex electrical/photonics systems

**3. Advanced Materials**

- a. Micro- and nano-materials
- b. Functional materials
- c. Polymer and composite materials

**B. Mode of cooperation:** Cooperation may take the form of:

- Joint research activities where interdependent subprojects of a single program are conducted in the Indian and the Israeli laboratories;
- Complementary methodological approaches to a joint problem;
- Joint use of research facilities, materials, equipment and/or services by cooperating scientists;
- Joint planning of research and evaluation of results.

**C. Eligibility**

1. Proposals must involve a Principal Investigator from each country.
2. The Principal Investigator on each side must be affiliated to an academic institution or research institute. Researchers from industry may take part in the program as partners in teams headed by Principal Investigators from an academic institution or research institute.
3. The Principal Investigators are expected to take responsibility for the experience of the research work throughout duration of the project.

**D. Evaluation Criteria and Procedures:** Proposals for support under this programme will be evaluated through peer review/expert Committee mechanism and the joint Israeli–Indian scientific committee. Evaluation will be based on: (a) Scientific merit and (b) Extent of genuine collaboration between the Indian and Israeli research teams.

**E. Function and Project Duration**

1. It is expected that the participating Indian institutions have the basic facilities and equipments to carry out the project work. Incremental costs including international travel of Indian scientists and local hospitality of the Israeli scientists visiting India under the approved projects may be supported by the Department of Science & Technology, Government of India. Support to Israeli scientists would be provided by the Israeli side as per their norms.
2. Projects should be planned for two years; however, they would be approved initially for one year and may be extended by one more year on the basis of its progress. A request for the continuation of funding must be submitted to the responsible agencies on the appropriate forms at least two months prior to the end of the first year of the project, together with the annual scientific report.
3. Upon approval of a particular project, separate sanction orders will be issued in India and Israel as per the respective procedures.
4. The expected starting date for approved projects is May 2005.

*contd...*

## F. Additional Information

Additional information can be obtained from the following:

India: Dr Naveen Vasishta, Senior Scientific Officer, International Division, Department of Science and Technology, New Delhi.

Israel:

On scientific matters:	On administrative and financial matters:
Dr Shimo Sarig	Mrs Yehudith Nathan
Ministry of Science and Technology	Ministry of Science and Technology
P.O. Box 49100	P.O. Box 49100
Jerusalem 91490	Jerusalem 91490
Tel: 02-5411128	Tel: 02-5411145
Fax: 02-5322124	Fax: 02-5825725
e-mail: shlomo@most.gov.il	e-mail: yehudith@most.gov.il

## G. Submission of proposals

Ten copies of the proposals in English should be submitted through proper channel, each to the following addresses in the prescribed form.

Israeli Side	Indian side
Avi Anati	Dr Naveen Vasishta
Division for Planning and Control	Senior Scientific Officer
Ministry of Science and Technology	International Division
P.O. Box. 49100	Department of Science and Technology
Jerusalem 91490	Ministry of Science and Technology
Tel: 02-5411170	Technology Bhavan, New Mehrauli Road
Fax: 02-5823030	New Delhi 110 016
e-mail: avi@most.gov.il	e-mail: nvasishta@mail.nic.in

In India the format may be downloaded from the site: stic-dst.org

All applications must be received not later than 8 February 2005.

## A Three-Day Workshop on Organometallic Chemistry

A three day workshop on organometallic chemistry sponsored by the Department of Science and Technology, New Delhi will be held during 18–20 April 2005 at Bhabha Atomic Research Centre Mumbai. This workshop aims to introduce young project investigators to the emerging themes in the broad area of organometallic chemistry so as to widen research activities in organometallic chemistry. Interested participants working in universities/colleges/R&D institutes/industries on any aspect of organometallic chemistry and below 40 years of age (born on or before 1 January 1964) may write to the following with their bio-data.

Dr V. K. Jain  
Head, S&PM Section and Convener  
Novel Materials and Structural Chemistry Divn.  
Bhabha Atomic Research Centre  
Trombay, Mumbai 400 085  
e-mail: jainv@apsara.barc.ernet.in  
Tel: 2559 5095/2550 5148  
Fax: 255 5150-52

Dr M. Sudersanan  
Head, Analytical Chemistry Division and  
Co-Convener  
Bhabha Atomic Research Centre  
Trombay, Mumbai 400 085  
e-mail: headacd@magnum.barc.ernet.in  
Tel: 2559 3721/2550 5145  
Fax: 2550 5150-52