



**INTERNATIONAL TRAINING WORKSHOP**  
**ON**  
**COMMERCIALISATION OF TECHNOLOGY**  
**TEHRAN, IRAN**  
**22 – 25 MAY 2016**

**ORGANISED BY**

	<p><b>CENTRE FOR SCIENCE AND TECHNOLOGY OF THE NON- ALIGNED AND OTHER DEVELOPING COUNTRIES (NAM S&amp;T CENTRE), NEW DELHI, INDIA</b></p>
	<p><b>PARDIS TECHNOLOGY PARK, TEHRAN, IRAN</b></p>

## INTRODUCTION

Transfer, exploitation and commercialisation of the technology and knowledge generated by the public funded research institutes (PRIs) is a highly complex process and successful accomplishment of the goals may need a variety of mechanisms. These include, among others, the scientific publications, mobility of researchers, affiliation of R&D personnel with the industry and vice-versa, contract research and collaborative R&D with industry and licensing of inventions to industry. Academic institutions and PRIs may value add to their R&D results through outright sale, transfer or licensing of intellectual property to existing or start-up firms and university spin-offs.

Building desired institutional capabilities at academic institutions and PRIs is highly important for the commercialisation of public funded R&D outputs. Introduction of the Bayh-Dole Act in the United States provided several incentives to the PRIs for patenting and licensing the inventions, which later paved the way for several other countries to establish entities such as Industrial Liaison Offices, Technology Transfer Offices or Technology Licensing Offices and also take other initiatives at their universities and PRIs for providing the institutional and legal support for technology transfer, protection of intellectual property rights and commercialisation of their research. Besides these, several other property based initiatives such as Technology Incubators (also known by some other names like Technology Business Incubators, Incubation Centres and Innovation Centres) have also been set up in many countries, which provide tangible and intangible services to new technology-based firms, entrepreneurs and university spin-offs and also sometimes large firms, with the aim of helping them increase their chances of survival in the early phase of their life span and generate wealth. The primary goal of technology incubators is to promote the development of technology-based firms and assist in transfer, diffusion and commercialisation of technologies under development as well as to encourage entrepreneurship among researchers and academics. Such incubators are often located within or in the vicinity of the knowledge generating centres (universities, R&D institutes and S&T parks) and are characterised by institutionalised links to the sources of knowledge available at the academic and R&D institutions and centres, technology transfer agencies and national laboratories. However, proper management of incubators for achieving the desired goals is a crucial issue and the concept needs to be spread across the academic and R&D communities in the developing countries in order to promote technological innovation.

Keeping the above in view, the Centre for Science & Technology of the Non-Aligned and Other Developing Countries (NAM S&T Centre) announces the organisation of an International Training Workshop on '**Commercialisation of Technology**' at Tehran, Iran during 22–25 May 2016 jointly with the Pardis Technology Park, Tehran. Transfer and commercialisation of technology and related policy issues is one of the identified thrust areas of the NAM S&T Centre for capacity building and exchange of information and expertise among the developing countries.

### 1. OBJECTIVES OF THE TRAINING WORKSHOP

The main objectives of this Training Workshop are to impart skills among participants about various mechanisms for the transfer and commercialisation of the latest scientific

and research achievements of the universities and public funded research institutions of the developing countries with focus on the following:

- a. Studying the problems and solutions thereof and showcasing the successful experiences of the management of incubators.
- b. Describing the prominent commercialisation models in the world and familiarising with the local commercialisation experiences.
- c. Intellectual property protection or protection of product's registration to survive in the market

#### **TOPICS TO BE COVERED:**

- Commercialisation of technologies
- Innovation by start-ups
- Product patents and intellectual property
- Study of the indigenous models as well as the prominent global models of commercialisation
- Scrutiny of the local models to maintain and protect the patents

## **2. PROGRAMME OF THE TRAINING WORKSHOP**

A tentative programme of the Training Workshop is given below:

<b>DATE</b>	<b>PROGRAMME</b>	
Saturday, 21 <sup>th</sup> May 2016	Arrival of Delegates in Tehran	
Sunday, 22 <sup>nd</sup> May 2016	Inauguration	Technical Sessions
Monday, 23 <sup>rd</sup> May 2016	Technical Sessions	Technical Sessions
Tuesday, 24 <sup>th</sup> May 2016	Technical Sessions	Field Visits
Wednesday, 25 <sup>th</sup> May 2016	Concluding Session	Field Visits
Thursday, 26 <sup>th</sup> May 2016	Departure of Delegates	

A detailed Session-wise Programme will be made available before the Training Workshop.

## **3. VENUE**

The Training Workshop would be organised at the Pardis Technology Park which is 20 km North East of Tehran.

## **4. RESOURCE PERSONS**

Resource persons for the Training Workshop will comprise experts from Iran, India and other countries.

## **6. ABOUT THE ORGANISERS**

## **6.1 NAM S&T CENTRE**

The Centre for Science and Technology of the Non-Aligned and Other Developing Countries (NAM S&T Centre; [www.namstct.org](http://www.namstct.org)) is an inter-governmental organisation with a membership of 48 countries spread over Asia, Africa, Middle East and Latin America. The Centre was set up in 1989 in New Delhi, India in pursuance of recommendations of various NAM Summit meetings for the promotion of South-South cooperation in science and technology. It undertakes a variety of programmes, including organisation of Training Workshops, symposiums, meetings and training courses and implementation of collaborative projects. It also offers short-term research fellowships to scientists from developing countries in association with the Centres of Excellence in various countries. The Centre also brings out technical books and other scientific publications in different subjects of interest to developing countries. The Centre's activities provide opportunity for scientist-to-scientist contact and interaction; familiarising participants on the latest developments and techniques in the subject areas; identification of the requirements of training and expert assistance; locating technologies for transfer between the members and other developing countries, dissemination of S&T information etc. In addition, the Centre encourages academic-R&D-industry interaction in the developing countries through its NAM S&T-Industry Network.

## **6.2 PARDIS TECHNOLOGY PARK, TEHRAN**

**Pardis Technology Park (PTP)** (Persian: پارک فناوری پردیس) a ( technology park, based in Pardis 20 kilometers (12 mi) outside of the Tehran metropolitan area in Iran, adjacent to a Telecommunication Company of Iran Satellite Earth Station at the foot of the Alborz Mountains. The Park enjoys a panoramic view of the tallest mountain in Iran, Mount Damavand. Land has been allocated here for the establishment of business related to different fields of technology. Pardis Technology Park (PTP) as the region's technology paradise under supervision of the Presidency and a fourteen-entity Board of Trustees from ministries, science centers and academies.

PTP has more than 100 companies located in Multi-Tenant Building and Business Incubator Center. In total, PTP has more than 250 Hi-Tech companies as its members in different establishment categories (Lands, Multi-Tenant Building and Business Incubator). As of 2016, 80% of investments in the Park came from the private sector and more than 250 technologies have been developed and registered there.

## **7. PARTICIPANTS OF TRAINING WORKSHOP**

The Training Workshop is primarily designed for technology transfer professionals, policy makers, incubator managers, academia, researchers and technology based entrepreneurs.

## **8. SUBMISSION OF APPLICATION**

Persons desirous of participating in the Training Workshop, **excepting those from Iran**, should submit their filled-in Nomination Forms (**enclosed**) directly to the NAM S&T Centre as early as possible, but latest by **Friday, 15<sup>th</sup> April 2016**.

Applications from Iran however should be submitted only to the local organisers in Pardis Technology Park (PTP) (contact details given at the end of this Brochure), and NOT to the NAM S&T Centre.

The Nomination Form should be completed in all respects, typewritten or in clear handwriting in capital letters, and no column should be left blank. The following documents must be submitted along with the Nomination Form:

- i) An extended (about 2 pages) abstract (**in MS Word format**) of the paper that would be presented at the Training Workshop
- ii) A short (**maximum two pages**) CV (**in MS Word format**)
- iii) Copy of the relevant pages of the passport (**i.e. pages showing identity, photo and date of expiry of the passport**)

***PLEASE Note that documents referred to under (i) and (ii) above must be in MS Word Format; .Pdf or image files will NOT be accepted.***

Hard copies of the Nomination Form and above attachments are NOT required to be submitted.

## **9. PRESENTATION OF PAPERS**

Each participant will be required to present a country status report or a research / scientific paper on any topic appropriate to the Training Workshop.

## **10. PUBLICATION AS A FOLLOW UP OF THE TRAINING WORKSHOP**

A publication edited by one or more international experts and based on the papers presented during the Training Workshop and also containing papers contributed by other invited experts in the field will be brought out in the form of a book as a follow up of this scientific programme. Therefore all participants are required to submit the manuscripts of their full country reports / scientific or research papers in **MS-word** format well in advance, but at least 15 days before the commencement of the Training Workshop.

## **11. LOCAL HOSPITALITY AND TRAVEL**

The Iranian hosts will provide free local hospitality, including accommodation and meals, to all the foreign participants and invited foreign resource persons from 21<sup>st</sup> May 2016 (Noon) to 26<sup>th</sup> May 2016 (Noon) i.e. for 5 nights. The foreign participants and invited resource persons will have to make their own arrangement of stay beyond these days and therefore they should arrange their flight schedules accordingly. Free transport will also be provided to the participants for their travel from/to the airport to/from the place of their stay and for visits in connection with the Training Workshop programme.

## **12. FINANCIAL ARRANGEMENTS FOR TRAVEL**

This is being conveyed separately to each member country of the NAM S&T Centre and other developing countries.

## **13. ENTRY FORMALITIES AND IMMIGRATION**

Participants of the Training Workshop must be in possession of a current passport for entry into Iran. The embassies / diplomatic mission of Iran located in the country of the participants should be approached for obtaining an entry visa. If required, PTP, Iran will facilitate the issuance of a visa by providing the participants with an official letter of invitation.

Participants of the workshop from yellow fever endemic countries must ensure that they obtain a Vaccination Certificate before arrival in Iran.

#### **14. OTHER USEFUL INFORMATION:**

**Climate:** In the months of May, Tehran's weather is dry, ranging from 17°C (63°F) to 28 °C (82 °F). The humidity is about 55% during this month.

Standard Time: 3:30 hours ahead of GMT

Voltage: 220 volts 50 Hz

International Dialing Code: +98

Internet Domain: ir

#### **NOTE**

- ***The governments / institutions of all foreign participants will be required to bear the following costs:***
  - *All expenses in the home country incidental to travel abroad, including expenditure for passports, required medical examinations, vaccinations and miscellaneous expenses such as internal travel to the airport of departure in the home country.*
  - *Salary and other related allowances for the participants during the period of the Training Workshop.*
  - *Cost of medical insurance to cover the period of participation in the Training Workshop.*
- ***The organisers will not assume responsibility for the following expenditure in connection with the participant's attendance in the Training Workshop:***
  - *Expenses incurred with respect to any insurance, medical bills or hospitalisation fees.*
  - *Compensation in the event of death, disability or illness of participants.*
  - *Loss of personal belongings or compensation for damage caused to them by climatic or other conditions.*
  - *Other costs, including airport tax and excess baggage.*

### **Contact Details**

#### **NAM S&T CENTRE**

***Prof. Dr. Arun P. Kulshreshtha,***

*Director General,*

*Centre for Science & Technology of the Non-Aligned and other Developing Countries (NAM S&T Centre),*

*Zone-6A, 2<sup>nd</sup> Floor, India Habitat Centre, Lodi Road,*

*New Delhi – 110003, INDIA*

***Tel: +91-11-24645134, 24644974; Fax: +91-11-24644973***

***E-mail: [namstcentre@gmail.com](mailto:namstcentre@gmail.com), [namstct@gmail.com](mailto:namstct@gmail.com), [namstct@bol.net.in](mailto:namstct@bol.net.in)***

***Website: [www.namstct.org](http://www.namstct.org)***

***Mr. M. Bandyopadhyay,***

*Senior Expert & Administrative Officer*

*Address, Tel. and E-mail: (O) as above.*

#### **FOR IRANIAN APPLICANTS**

***Mr. Amir Mehmanchi***

*Public Relations & International expert,*

*Pardis Technology Park,*

*Address: 20th Km Damavand Road, Tehran, Iran*

***POST BOX: 1657163871***

***Tel: (+98 21) 76 250 250***

***Fax: (+98 21) 76 250 100***

***Website: [www.techpark.ir](http://www.techpark.ir)***

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**22 – 25 MAY 2016**

**NOMINATION FORM**

*PLEASE TYPE OR USE BLOCK CAPITALS;  
NO COLUMN SHOULD BE LEFT BLANK*

Please affix your  
scanned  
photograph

**SECTION –A**

(To be filled in by the nominee)

- 1 Name (Prof/Dr/Mr/Mrs/Ms): .....  
(As in Passport)
- 2 Father's/Spouse Name: .....
- 3 Designation (Position held): .....
- 4 Nationality: .....
- 5 Date of Birth: ..... Place of Birth (City) ..... (Country).....
- 6 Passport No: .....Place of issue: .....  
Date of Issue: ..... Valid up to: .....  
(Please attach copies of the relevant pages of your Passport)
- 7 Name of the Parent Institution (Employer):  
Full Address (Office): .....  
.....  
Phone: ..... Mobile: .....  
Fax: ..... E-mail: .....
- 8 Full Address (Home): .....  
.....



Phone: ..... Mobile: .....

Fax: ..... E-mail: .....

9 Educational Qualifications: Highest Degree. ....

Year of Award: ..... University: .....

Field of Study: .....

10 Brief Bio data: .....  
(**Maximum two pages, in MSWord**; to be attached on separate sheet)

11 What in your opinion qualifies you for the participation in this Training Workshop?  
(To be attached on separate sheet)

12 Abstract of your paper proposed to be presented in the Training Workshop.  
(**About 1-2 pages, in MSWord**; to be attached on separate sheet)

Date: ..... Signature: .....

## **SECTION -B**

### **ENDORSEMENT BY NOMINATING AUTHORITY**

(The Applicant in a member country of the NAM S&T Centre may get the following endorsement signed by the Focal Point of the Centre in his/her country, *if he/she wishes to take advantages accrued to the official nominee of the country*. For the list of member countries and names/addresses of the Focal Points please visit Centre's website [www.namstct.org](http://www.namstct.org))

Signature: .....

Name (in full): .....

Designation: .....

Date: .....

**SEAL**