United Nations
Educational, Scientific and
Cultural Organization

I S T I C
INTERNATIONAL SCIENCE, TECHNOLOGY AND
INNOVATION CENTRE FOR SOUTH-SOUTH
COOPERATION UNDER THE AUSPICES OF UNESCO

KEMENTERIAN SAINS,
TEKNOLOGI DAN INOVASI

MTDC
MALAYSIAN TECHNOLOGY
DEVELOPMENT CORPORATION

Online Workshop on
Technopreneurship
for Developing Countries

"Challenges and Opportunities
in Technology Transfer & Commercialisation
for Developing Countries"

24 & 25 November 2020
Online | Malaysia (GMT+08:00)

INTRODUCTION

In a society based on knowledge; science, technology and innovation are important factors that will spur national development and corporate competitiveness. As a result, governments of various countries around the world are becoming involved in technological innovation with a keen interest and active involvement in technology commercialisation.

They have also recognised the need to increase not just the commercialisation activity but also the commercialisation success rate in order to strengthen its national science and technology competitiveness. However, transitioning technology out of an academic laboratory requires different skill sets and knowledge than undertaking research does, and that these skills and expertise are much more common in a start-up environment than an academic one.

Considering the need for capacity building in this area, the *International Science, Technology and Innovation Centre for South-South Cooperation under the auspices of UNESCO (ISTIC)* and the *Centre for Science & Technology of the Non-Aligned and Other Developing Countries (NAM S&T Centre)* in collaboration with the *Malaysian Technology Development Corporation (MTDC)* announce the organisation of an Online International Workshop on **"Technopreneurship for Developing Countries** : **Challenges and Opportunities in Technology Transfer and Commercialization for Developing Countries**" on 24 & 25 November 2020 to provide opportunities to interested people active in technology management and also researchers of universities and institutes of developing countries to develop their skills and knowledge in **"Technopreneurship"**.

WORKSHOP OBJECTIVES

Upon the completion of the workshop; participants will be able to:

1. Obtain a broad understanding on technology transfer & commercialisation
2. Appreciate the journey of R&D from laboratory to market
3. Comprehend the mind setting of a market-driven researcher
4. Recognize the importance of science communication to the public particularly investors and entrepreneurs

WHO SHOULD ATTEND

This is an excellent program for:

(i) *Potential entrepreneurs, business unit leaders, and innovation officers looking to develop a business plan, product or service in technology related fields.*

(ii) Scientists, Engineers, Inventors seeking ways to develop an invention into a viable business.

(iii) Government officials and policy makers engaged in the promotion and implementation of technopreneurship development programmes.

PARTICIPANTS

About 30 participants from developing countries are expected to participate in this online workshop. The varied background of the participants will allow for exchange of knowledge, ideas and experiences as well as opportunities for networking and collaboration.

SUBMISSION OF APPLICATIONS

a) Applicants from the NAM S&T Centre's Member Countries except those from Malaysia should submit their applications using the prescribed form (enclosed) directly to the NAM S&T Centre through Email: namstcentre@gmail.com.

b) Applicants from other Developing Countries (Non NAM S&T Member Countries) and Malaysia are urged to use online application. The link of online application form can be accessed from the website www.istic-unesco.org.

CLOSING DATE OF APPLICATIONS

All applications from NAM S&T Centre Member Countries along with relevant documents should be submitted to the NAM S&T Centre Secretariat **before 7 November 2020 (Saturday)**.

Successful applicants will be informed about their selection by **13 November 2020**.

SECRETARIAT & ENQUIRIES

International Science, Technology and Innovation Centre for South-South Cooperation under the auspices of UNESCO (ISTIC) 902-4, Jalan Tun Ismail 50480 Kuala Lumpur, Malaysia Tel: +603-2694 9898 ext. 112 Fax: +603-2698 4549 Email: adzim@istic-unesco.org Website: http://www.istic-unesco.org	*Centre for Science & Technology of the Non Aligned and Other Developing Countries (NAM S&T Centre)* Core – 6A, 2nd Floor, India Habitat Centre, Lodi Road, New Delhi – 110003, India Tel: +91-11-24645134; 24644974 Fax: +91-11-24644973 Email: namstcentre@gmail.com Website: www.namstct.org

PROGRAMME

Day 1 : 24 November 2020 (Tuesday)	Malaysia (GMT+08:00)	
11:55 – 12:00	Programme Registration & Welcome by the Coordinator
12:00 – 12:10	Opening Remarks ● **Address by ISTIC** ● **Address by NAM S&T Centre**
12:10 – 13:10	**Lab to Market – The Journey**
13:10 – 13:30	Programme Break
13:30 – 14:10	**Lab to Market – Challenges, Tips and Tricks**
14:10 – 15:10	**Researchers are from Mars, Entrepreneurs from Venus: How to Find Common Ground for Successful Commercialisation**
15:10 – 15:20	Programme Break
15:20 – 16:20	**Lab to Market – Mind Mapping R&D Journey**
16:20 – 16:30	**Wrap-up by the Coordinator**
End Day 1	

Day 2 : 25 November 2020 (Wednesday)	Malaysia (GMT+08:00)	
11:55 – 12:00	Welcome by the Coordinator
12:00 – 13:00	**IP Strategy for New Market**
13:00 – 13:20	Programme Break
13:20 – 14:15	**Science Communication for Commercialisation**
14:15 – 15:15	**How Corona Virus Became the Innovation Catalyst for Entrepreneurship?**
15:15 – 16:15	**A Case Study: How Technology Products Became Hero during the Pandemic (Sharing from MTDC Companies)**
16:15 – 16:30	**Wrap-up by the Coordinator & Conclusion**
End of Programme	

INTERNATIONAL SCIENCE, TECHNOLOGY AND INNOVATION, CENTRE FOR SOUTH-SOUTH COOPERATION UNDER THE AUSPICES OF UNESCO (ISTIC)

ISTIC is an international organisation under the auspices of UNESCO and was established by agreement between the Government of Malaysia and UNESCO and by resolutions of the UNESCO General Conference at its session. As a UNESCO category 2 Science Centre, ISTIC's activities are global and regional in scope and contributes to UNESCO's strategic objectives, global and sectoral priorities.

ISTIC's main objective is to increase the capacities for the management of science, technology and innovation throughout the developing countries by among others, fostering cooperation among governments, academia and industry in order to facilitate the transfer of knowledge between the public and private sectors and the development of well – planned and relevant knowledge based programmes and institutions in participating counties, developing networks and collaborative training programmes at international level, supporting the exchange of researchers, scientists and technologists among developing countries and facilitating the exchange and dissemination of information. ISTIC acts as international platform for south-south cooperation in science, technology and innovation and makes use of the network of the G77 countries plus China and the Organisation of the Islamic Conference (OIC). Technoprenurship is one of ISTIC's priority agenda and since its establishment ISTIC has organised 15 training workshops benefitting 427 participants from 52 countries.

Details on ISTIC is available at http://www.istic-unesco.org

United Nations
Educational, Scientific and
Cultural Organization

UNITED NATIONS EDUCATION, SCIENCE AND CULTURAL ORGANIZATION (UNESCO)

UNESCO was founded on 16 November 1945. UNESCO functions as a laboratory of ideas and a standard-setter to forge universal agreements on emerging ethical issues. The Organization also serves as a clearinghouse – for the dissemination and sharing of information and knowledge – while helping Member States to build their human and institutional capacities in diverse fields. In short, UNESCO promotes international co-operation among its 193 Member States and six Associate Members in the fields of education, science, culture and communication. UNESCO is working to create the conditions for genuine dialogue based upon respect for shared values and the dignity of each civilization and culture.

This role is critical, particularly in the face of terrorism, which constitutes an attack against humanity. The world urgently requires global visions of sustainable development based upon observance of human rights, mutual respect and the alleviation of poverty, all of which lie at the heart of UNESCO's mission and activities.

Details on UNESCO is available at https://en.unesco.org

MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION (MOSTI)

- 1973 – The Ministry of Technology, Research and Local Government.
- 1976 – In 1976, in line with its new functions and responsibilities related to environmental issues, the Ministry's name was changed to the Ministry of Science, Technology and Environment (MOSTE).
- 2004 – The Cabinet on March 27, 2004 has agreed to the restructuring of MOSTE and the Ministry's name was changed to Ministry of Science, Technology and Innovation (MOSTI) in order to spearhead the development of National ICT, Multimedia and Innovation.
- 2007 – In 2007, the functions of Science and Technology were broken up according to the clusters of Biotechnology, ICT, Industrial, Sea to Space and Core Cluster of Science & Technology.
- 2016 – On October 3, 2016, MOSTI has been restructured to give more focus on promoting R&D and commercialization programs.
- 2018 – After the general election to 14 (PRU-14), the entire component of the Ministry of Science, Technology and Innovation (MOSTI), Green Technology and Energy Components from the Ministry of Energy, Green Technology and Water (KeTTHA) and related components of Climate Change and Environment from the Ministry of Natural resources and Environment (NRE) has been restructured and formed the Ministry of Energy, Science, Technology, Environment & Climate Change (MESTECC).
- 2020 – MESTECC has been restructured and its name has been changed to the Ministry of Science, Technology and Innovation (MOSTI) following the formation of the New Government Cabinet announced on March 9, 2020

Details on MOSTI is available at https://www.mosti.gov.my

THE CENTRE FOR SCIENCE AND TECHNOLOGY OF THE NON-ALIGNED AND OTHER DEVELOPING COUNTRIES (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) is an Inter-governmental Organisation with a Membership of 47 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*. The Centre undertakes a variety of programmes, including organisation of 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 produces technical books and other scientific publications in different subjects. These 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.*

Details on NAM S&T Centre is available at http://www.namstct.org

MALAYSIAN TECHNOLOGY DEVELOPMENT CORPORATION (MTDC)

The Malaysian Technology Development Corporation (MTDC), a company wholly-owned by Khazanah Nasional Malaysia, is in the business of Grant Management, Incubation, Advisory, and Nurturing Services. The company was established in 1992 to promote the commercialisation activities of research of local universities and research institutes.

MTDC has been the key player in technopreneurship, commercialisation and managing of Government funds since the 7th Malaysia Plan and it also has a well-established reputation as the key player in Malaysia in the promotion of technology-based companies and technopreneurs.

Throughout the years of operations, MTDC today has grown to a unique strength and has carved out its own niche as an integrated solution provider for technology transfer and commercialisation in Malaysia. Its complete ecosystem includes funding and investment initiatives; technology sourcing, validation and consultation on IP transfer; technology incubation and operational centres; nurturing and value added services; business, marketing and technical advisories; training and capacity building; entrepreneurship development programmes; and continuous internal and external networking.

Details of MTDC is available at https://www.mtdc.com.my

CENTRE FOR SCIENCE AND TECHNOLOGY
OF THE NON-ALIGNED AND OTHER DEVELOPING COUNTRIES
(NAM S&T CENTRE)
Online Workshop on

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24 & 25 November 2020

Online | Malaysia (GMT+08:00)

APPLICATION FORM

Please affix your scanned photograph

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

SECTION –A

(To be filled in by the nominee)

1   First Name (Prof/Dr/Mr/Mrs/Ms): .... Last Name......................
     (As in Passport)

2.   Father's/Spouse Name: ....

3   Designation (Position held): ....

4.   Nationality: ....

5   Date of Birth: .... Place of Birth (City) .... (Country)..........

6   Name of the Parent Institution (Employer): ....
     Full Address (Office): ....………
     ....
     Phone: .... Fax: ....
     E-mail: ....…

7   Full Address (Home): ....
     ....
     Phone: .... Mobile: ....
     Fax: .... E-mail: ....

8   Educational Qualifications: Highest Degree. ....

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

Field of Study: ....

9   Brief Bio data (CV): ....

(**Maximum two pages, in MSWord**; to be attached on separate sheets per attached format)

10   What in your opinion qualifies you for participation in this virtual workshop?

(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 must get the Nomination Form endorsed by the Focal Point of the Centre in his/her country, *if he/she wishes to take advantages extended to the official nominee of the country*. For the list of member countries and names/addresses of the Focal Points please visit the Centre's website www.namstct.org.)

Signature: ....

Name (in full): ....

Designation: ....

Date: ....

SEAL

Enclosures;

1. Brief CV (maximum two pages, as per **attached** format; **in MSWord**)
2. A statement on what qualifies you for participation in this virtual workshop.

CENTRE FOR SCIENCE AND TECHNOLOGY
OF THE NON-ALIGNED AND OTHER DEVELOPING COUNTRIES
(NAM S&T CENTRE)
INDIA HABITAT CENTRE, LODHI ROAD
NEW DELHI, INDIA

CURRICULUM VITAE

1. **Personal Details:**

   Name:(Prof./Dr./Mr./Mrs./Ms.)

   Designation: Position Title

Font Name: Times New Roman   **Font Size :**12

   Present Employer: Full Address (Office)

   City/State/Province:

   Country:

   Nationality:

   Date of Birth: DD/MM/YYYY

   Proficiency in English Language:

   Permanent Address: Full Address (Home)

   Gender:

   Marital Status:

   Contact: Mobile:

   Telephone Office: **Fax:**

    E-mail: **Alternative e-mail:**

2. **Academic Qualifications:** In chronological order

Qualification Awarded Degree/Diploma/Certificate	Major Subject	University/Institution	Year (From-To)
1.			
2.			
3.			
4.			
5.			

3. **Professional Experience:** In chronological order

Organisation/Institution	Position Title	Year (From-To)	Nature of duties
1.			
2.			
3.			
4.			
5.			

Total number of years of relevant experience –

4. **Research Experience:** In chronological order

Research Title	Duration	Status
1.		
2.		
3.		
4.		
5.		

5. **Administrative Experience:** Not more than 100 words

6. **Experience with respect to the title of the conference:**

7. **Details of Awards/Recognitions (if any) :**

8. **Any other information:** Not more than 50 words

9. **Recent Publications:** Only five recent publications to be mentioned

10. **Recent Photograph**: A recent passport size colour photo to be **attached**