

**INTERNATIONAL ADVANCED TRAINING COURSE
ON INTELLECTUAL PROPERTY RIGHTS (IPR)
FOR NAM AND OTHER DEVELOPING COUNTRIES,
NEW DELHI / MANESAR, INDIA
12 - 17 JULY 2010**

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| <i>PARTICIPATING COUNTRIES:</i> | 28 Developing Countries (Including 20 Member Countries, 6 Non-Member Countries and 2 S&T-Industry Network Members of the NAM S&T Centre |
| <i>NUMBER OF PARTICIPANTS:</i> | The Programme was attended by 49 trainee Participants from 28 countries and 11 resource persons / trainers from India. |

IPR has virtually touched all the spheres of human lives, including social, cultural, economic and technical arenas and is fast becoming a tool for the national development in the context of internationalisation of trade and commerce and emerging knowledge world. Developing countries have many challenges to overcome while evolving their own IP systems in order to satisfy their public policy needs and developmental goals. These countries have responded to the new order in different ways and have tried to handle global IPR issues with a sense of commonalty especially in the matters related to protection of genetic resources and traditional knowledge. There is a sense of urgency in developing IP systems in each country to derive maximum advantage from the IPR system to address efficient utilisation of innovations and creativity.

Considering the increasing significance of IPR related issues and assessing the need of direct participation of scientific community of the developing globe in legal management of science, the Centre for Science and Technology of the Non-aligned and Other Developing Countries (NAM S&T Centre) in association with the Patent Facilitating Centre (PFC) of the Technology Information, Forecasting and Assessment Council (TIFAC), Government of India organized a six days 'International Advanced Training Course on Intellectual Property Rights (IPR) for NAM and Other Developing Countries' during 12-17 July 2010 in New Delhi / Manesar, India. The theme of the training course was 'Development of IPR Systems

for National Growth’ and its objective was to create awareness among scientific community about the legal framework of scientific inventions and practices in developing countries. The programme was supported by the Department of Science and Technology (DST), Ministry of Science and Technology, Government of India.

In the Inaugural Session of the training course, Prof. Arun P. Kulshreshtha, Director, NAM S&T Centre welcomed the delegates and presented the genesis of the training course and a brief description of the NAM S&T Centre aimed at the promotion of South-South cooperation, which was followed by an introduction to the training course by Mr. R. Saha, Director, PFC-TIFAC. Dr. Rajiv Sharma, Adviser, DST presented a summary of the bilateral, multilateral and regional cooperation activities of the Government of India in the fields of Science & Technology. Complimenting the NAM S&T Centre and PFC-TIFAC the Chief Guest, Dr. T. Ramasami, Secretary to the Government of India, Department of Science & Technology and Vice-President, NAM S&T Centre expressed satisfaction that such a large number of similarly placed developing countries were attending this event for sharing experience on knowledge management, and assured all possible support from his Department towards holding similar events in the future to benefit the society. The representatives of the Diplomatic Missions of several countries, including Cuba, Ethiopia, Ghana, Peru, Russian Federation and Zambia in India marked their valuable presence in the Inaugural Function.

The training course was attended by 49 trainee participants from 28 countries, including Botswana, Brazil, Cambodia, Colombia, Egypt, Ghana, India, Indonesia, Iran, Iraq, Jamaica, Kenya, Malawi, Malaysia, Mexico, Myanmar, Nepal, Nigeria, Pakistan, Panama, Peru, South Africa, Sri Lanka, Sudan, Tanzania, Turkey, Uganda and Zambia, of which 18 delegates were from the host country India and the remaining 31 represented other developing countries. There were 11 resource persons / trainers from India, who delivered 17 lectures on various themes related to IPR.

The overseas trainee participants were from Botswana [Mr. Botshelo Maedza, Acting Principal Civil Engineer, Botswana Technology Centre (BOTECH), Gaborone and Mr. Letsomo la Tshipa, Ass. Performing Arts Officer (AAW – Copyright), Department of Arts and Culture, Ministry of Youth, Sports and Culture, Gaborone]; Brazil [Dr. Marilyn Peixoto da Silva Nogueira, Director, ICT Policies and Sectoral Programmes, Ministry of Science and

Technology, Brasilia]; Cambodia [Mr. Chhean Piseth, Chief Officer, Department of Industrial Property, Ministry of Industry, Mines and Energy, Phnom Penh]; Colombia [Ms. Maria Consuelo Velásquez, Intellectual Property Advisor, Administrative Department of Science, Technology and Innovation, Columbian Institute for the Development of Science & Technology (COLCIENCIAS), Bogotá]; Egypt [Ms. Handra Mohamed Mohamed Nagy, Access To Knowledge Project Officer, Alexandria]; Ghana [Ms. Nana Ama Akyiaa Prempeh, Principal State Attorney, Registrar General's Department, Ministry of Justice, Kumasi]; Indonesia [Dr. Anny Sulaswatty, Head of Legal and Public Relation Affair, Ministry of Research and Technology, Jakarta]; Iran [Dr. M. Reza Bakhtiari, Director and Head of Intellectual Property Office, Iranian Research Organization for Science and Technology (IROST), Tehran]; Iraq [Miss Teriza Jasim Ridha, Director of IPO, Central Organization for Standardization and Quality Control (COSQC), Baghdad]; Jamaica [Mrs. Yvette Sutherland-Reid, Senior Legal Officer / Attorney-at-law, Ministry of Industry, Investment & Commerce, Kingston]; Kenya [Mr. Kioko Nzuki Mwanja, Principal Research Officer, Directorate of Research Management and Development (DRMD), Ministry of Higher Education, Science and Technology, Nairobi]; Malawi [Mr. Kudonda Fexter Nseula, Technology Transfer Officer (Development) and Mr. Petros Orton Shiyombo Musukwa, Technology Transfer Officer (Dissemination), National Commission for Science and Technology (NCST), Lilongwe]; Malaysia [Mr. Ahmad Fareed bin Abdul Rahman, Assistant Secretary, Ministry of Science, Technology and Innovation, Putrajaya]; Mexico [Ms. Ana Paula Ramírez Ramírez, International Affairs Coordinator, Tequila Regulatory Council, Jalisco]; Myanmar [Dr. Phyto Mon Win, Assistant Director, Intellectual Property Section, Ministry of Science and Technology, Nay Pyi Taw]; Nepal [Dr. Chiranjivi Regmi, Chief, Faculty of Technology, Nepal Academy of Science & Technology (NAST), Kathmandu]; Nigeria [Dr. Martins Ochubiojo Emeje, Research Fellow and IP & Technology Transfer Coordinator, Biophysical Drug Delivery Unit, National Institute for Pharmaceutical Research & Development (NIPRD), Abuja]; Pakistan [Ms. Syeda Rumla Naqvi, Industrial Liaison Officer, Pakistan Council of Scientific and Industrial Research (PCSIR) Labs, Karachi]; Panama [Dr. Catherina Caballero-George, Staff Scientist, Unit of Molecular Pharmacology and Pharmacognosy, Institute for Scientific Research and High Technology Services (INDICASAT), Clayton]; Peru [Mr. Carlos A. Irigoyen, Deputy Chief of Mission, Embassy

of Peru in New Delhi]; South Africa [Mrs. Sheila Mavis Nyatlo, Deputy Director, Department of Science and Technology, Pretoria]; Sri Lanka [Mr. Merengnege Antony Mervyn Fernando, Senior Mechanical Engineer, National Engineering Research and Development Centre (NERDC), Ekala, Ja Ela]; Sudan [Mr. Ghazafi Abdalla Mohamed Ali, Counsellor, Sudanese Ministry of Foreign Affairs, Khartoum]; Tanzania [Ms. Judith Francis Kadege, Research Officer (IP Law), Tanzania Commission for Science and Technology, Dar-Es-Salaam]; Turkey [Dr. Burcu Dikmen, Chief Researcher, Scientific and Technical Research Council of Turkey (TÜBİTAK) and Ms. Özge Eşan, Attorney at Law, Patent and Trademark Attorney, Legal Department/IPR Office, TÜBİTAK, Ankara]; Uganda [Mr. Stephen Rwagweri, Executive Director, Engubu Za Tooro, Fort Portal and Mr. Frederick Okumu, Network Officer, Uganda Industrial Research Institute (UIRI), Kampala]; and Zambia [Mr. Lloyd Samson Thole, Assistant Registrar (IP), Patents and Companies Registration Office, Lusaka].

The Indian trainee participants were Ms. Debanjana Dey, Technical Assistant, National Institute of Science, Technology and Development Studies (NISTADS), New Delhi; Ms. Anshul Fuloria, Ms. Aruna, Ms. Dipti, Dr. Deepika Singh, Mrs Deepika Chaturvedi, Mrs. Geeta, Ms. Shikha Tejswi, Ms Shashank, Ms. Shivani Shrivastava, Dr Rollie Verma, Ms Raunak Dubey, Mrs Neeti Sahu and Ms Divya Pandey from PFC-TIFAC; and Mr. Gaurav Gaur, Ms. Chitra Prasad, Ms. Priyanka Rana and Ms. Isha Parmar, Research Assistants from NAM S&T Centre.

During the Training course, lectures were delivered by eminent Indian experts and professional Mr. R. Saha, Director, PFC-TIFAC, New Delhi [on 'Basics of IPR Management', 'International Treaties', 'IPR Audit', 'IPR in International R&D Collaborations', 'IPR Policy Development in Institutions', 'TRIPS and Emerging Issues, and 'Valuation of IPR']; Mr. A. K. Garg, Director, Department of Information Technology (DIT), Government of India [on 'Protecting Software Inventions']; Prof. V C Vivekanandan, NALSAR University of Law, Hyderabad [on 'International Disputes in IPR-DSB Approach']; Mr. S. Majumdar, Patent Attorney, S Majumdar & Co., Kolkata [on 'IPR Portfolio Management']; Mr. Rajendra Kumar, Attorney, K&S Partners, Gurgaon, India [on 'Protection and Management of Geographical Indications']; Dr. S. Mauria, ADG (IPR & Policy), Indian Council of Agricultural Research (ICAR) [on 'Practices in Protection of New

Plant Varieties’]; Mr. V. K. Gupta, Director TKDL, Council of Scientific and Industrial Research (CSIR), New Delhi, India [on ‘IPR and Traditional Knowledge’]; Dr. K Satyanarayana, Sr. DDG, Indian Council of Medical Research (ICMR), Government of India [on ‘IPR Issues in Medicines – Case of Drugs Protection from Developing Countries’]; Mr. Yashawant D. Panwar, Scientist-D, PFC-TIFAC, New Delhi [on ‘Patentability Analysis including Patent Search’]; Prof. Madhukar Sinha, WTO Study Centre, Indian Institute of Foreign Trade, New Delhi [on ‘Digital Rights Management’]; and Mr. V. Lakshmikumar, Sr. Attorney, Lakshmikumar and Sridharan Associates, New Delhi [on ‘Principles and Practices of IPR Licensing’].

The overseas participants presented their country / institutional status reports in two sessions respectively chaired by Dr. A. K. Sood, Head, International Division and Adviser, DST, Government of India and Dr. Balram Sharma, Indian Agricultural Research Institute (IARI), New Delhi.

Field visits were undertaken by the participants to PFC-TIFAC office at Vishwakarama Bhawan, New Delhi; Intellectual Property Office at Dwarka, New Delhi and other places. During the field visit to PFC-TIFAC, Mr. R. Saha, Director, introduced the participants with the functions of the PFC and its increasing popularity in the recent years and a lecture was delivered by Ms. Sangeeta Nagar, Principal Scientific Officer on the ‘Women Scientist Programme’ being executed by PFC-TIFAC followed by questions and answers session. The visitors were specifically interested in knowing how they may initiate similar programmes in their own countries.

In the field visit to the Indian Patent Office (IPO), New Delhi, Dr. K.S. Kardam, Deputy Controller of Patents & Designs and Mr. S. K. Swarup, Assistant Controller of Patents & Designs presented an overview of the operations and services being executed by the IPO including its digitised information system and easy-to-access website.

At the Concluding Session Dr. Rajiv Sharma, Adviser, International Division, DST, Government of India was the Chief Guest. Mr. R. Saha, Director, PFC-TIFAC presented a summary of the Training Course followed by a Feedback Session chaired by Prof. Arun Kulshreshtha, Director, NAM S&T Centre in which participants gave their valuable and critical comments on the course content and made suggestions for designing similar

programmes in future. Some participants even mentioned that the training course organised in Manesar was very different and more beneficial to the developing countries than the ones being organised by the agencies such as WIPO and ARIPO.

The brainstorming discussion among the participants and the trainers was finally concluded with significant outcome, and to ensure the sustainability the participants, trainers and organisers unanimously adopted the ‘Manesar Resolutions’, a copy of which is appended.

The ‘Certificate of Participation’ was handed over to the participants of the Training Course by the Chief Guest. The Valedictory Function was concluded with the Concluding Remarks by Dr. Rajiv Sharma and Vote of Thanks by Mr. Yashawant Dev Panwar, Principal Scientific Officer, PFC-TIFAC. The participants thanked and greatly applauded the efforts made by the NAM S&T Centre and PFC-TIFAC in organising such a wonderful and useful Training Course.

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**MANESAR RESOLUTIONS
ON
INTELLECTUAL PROPERTY RIGHTS**

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WE, THE SCIENTISTS, TECHNOLOGISTS, PROFESSIONALS, ADMINISTRATORS AND POLICY MAKERS FROM Botswana, Brazil, Cambodia, Colombia, Egypt, Ghana, India, Indonesia, Iran, Iraq, Jamaica, Kenya, Malaysia, Malawi, Mexico, Myanmar, Nepal, Nigeria, Pakistan, Panama, Peru, South Africa, Sri Lanka, Sudan, Tanzania, Turkey, Uganda, and Zambia;

PARTICIPATING IN the International Advanced Training Course on Intellectual Property Rights (IPR) for NAM and Other Developing Countries, jointly organised by the Centre for Science and Technology of the Non-Aligned and Other Developing Countries (NAM S&T Centre) and the Patent Facilitating Centre (PFC) of the Technology Information, Forecasting and Assessment Council (TIFAC), Government of India during 12-17 July 2010 at New Delhi / Manesar (Gurgaon), India;

HAVING EXTENSIVELY DELIBERATED ON various issues related to knowledge, approaches and experiences concerning the management of IPR in NAM and Other Developing Countries with particular reference to the development of IPR systems for national growth;

UNANIMOUSLY EXPRESSING that the International Advanced Training Course has been a resounding success and extremely useful to the participants; and

CONVEYING GRATITUDE TO the Department of Science and Technology, Ministry of Science and Technology, Government of India for its generous support for such a programme,

UNANIMOUSLY resolve and propose the following actions by the concerned authorities in the participating countries:

- Developing countries should take steps towards capacity building on the management of IPR integrated in their respective S&T systems and develop a robust mechanism for the creation, protection, utilisation, promotion and management of IPR.
- Developing countries should initiate programmes to create awareness about IPR and enhance theoretical, technical and practical knowledge as well as skills on IPR among their professionals.
- The countries should evolve suitable systems for identifying inventions and carrying out patentability analysis to provide sound protection to the inventive work of their scientists.
- Each country should evolve a comprehensive database of Intellectual Property (IP) and Traditional Knowledge (TK) that need to be protected in the country.
- Protection of traditional knowledge and biological resources is an important need to be fulfilled to avoid piracy of resources. Each country should evolve suitable mechanisms in this direction which may include documentation of

resources, designing suitable laws and exploring existing laws to provide protection to traditional knowledge and biological resources.

- More attention should be paid by the developing countries to IPR related aspects and anti-competitive practices in all cases of technology transfers.
- Considering the expertise of India in the field, and the need for such advanced training in the developing world, the Department of Science & Technology, Government of India is kindly requested to provide liberal financial support to the NAM S&T Centre for the organization of similar training course and interactive workshops on IPR in India with participation from developing countries, on a yearly basis, under its programme on international cooperation in science and technology.
- In view of the growing demand from the middle level professionals of developing countries to learn the management of IPR for the benefit of their countries, the Department of Science and Technology, Ministry of Science and Technology, Government of India are solicited to institute a fellowship programme on IPR management with the facilitation of the NAM S&T Centre.
- The Department of Science & Technology, Ministry of Science and Technology, Government of India may consider requests from other developing countries for deputation of the concerned Indian experts to provide technical advice on Human Resources Development (HRD) and creation of infrastructure on IPR management in those countries.
- The NAM S&T Centre will strive to organise similar annual or biennial training courses on IPR with technical support from the Patent Facilitating Centre (PFC) of the Technology Information, Forecasting and Assessment Council (TIFAC), Government of India and financial support of the Department of Science & Technology, Ministry of Science and Technology, Government of India

- Other developing countries should come forward to host programmes on IPR in collaboration with the NAM S&T Centre with facilitation by the Centre on international travel of resource persons and participants from other countries and liability on the host organisation limited to arrange funds to meet the costs on local hospitality including accommodation, meals and local transport for the resource persons and participants, and other organizational expenses of the programme.
- Participants were very appreciative of the activities undertaken by PFC and were keen to have collaboration with PFC to develop similar systems in their countries. In this context, they urged the NAM S&T Centre to take appropriate steps for engaging PFC in the collaborative effort.
- Participants greatly appreciated the Women Scientists Scheme of PFC under which women scientists are being trained in IPR for one year. PFC may consider the participation of some women scientists from various developing countries as trainees under this ongoing scheme. Developing countries may also consider initiating similar programmes and would very much appreciate the sharing of information from PFC to facilitate the implementation of such projects nationally.

Done this day, the 17th July 2010, at Hotel Heritage Village, Manesar, Haryana, India.