

NIPER - an introduction

National Institute of Pharmaceutical Education and Research (NIPER) is the first national level institute in pharmaceutical sciences with a proclaimed objective of becoming a centre of excellence for advanced studies and research in pharmaceutical sciences. The Government of India has declared NIPER as an 'Institute of National Importance'. It is an autonomous body set up under the aegis of Department of Pharmaceuticals, Ministry of Chemicals and Fertilizers, Government of India. The Institute is conceived to provide leadership in pharmaceutical sciences and related areas not only within the country, but also to the countries in South East Asia, South Asia and Africa. NIPER is a member of Association of Indian Universities and Association of Commonwealth Universities.

The objectives of NIPER are:

- Toning up the level of pharmaceutical education and research by training the future teachers, research scientists and managers for the industry and profession.
- Continuing education programmes
- Creation of National Centres to cater to the needs of pharmaceutical industries and other research and teaching institutes
- Collaboration with Indian industries to meet the global challenges
- National/International collaborative research
- Curriculum and media development
- Study of sociological aspects of drug 'use and abuse', and rural pharmacy, etc
- Conducting programmes on drug surveillance, community pharmacy and pharmaceutical management

NRDC- an introduction

National Research Development Corporation, an enterprise of Department of Scientific and Industrial Research, Ministry of Science & Technology, Government of India was established in 1953, with the mandate of development, promotion and transfer of technologies emanating from various national academic and R&D institutions. The Corporation has been offering comprehensive services in improving the manufacturing base in India with innovative technologies and acts as an effective catalyst for translating innovative research into marketable industrial products. During its operation for nearly six decades, the Corporation has forged strong links with various R&D organisations in the country as well as from abroad and pursued the worthy cause of bringing inventions to fruitions. The Corporation is now recognised as a large repository of wide range of technologies spread over almost all areas of industries, viz., Agriculture, Horticulture, Sericulture, Chemicals and Pesticides, Drugs and Pharmaceuticals, Bio-technology, Metallurgy, Electronics and Instrumentation, Building Materials, Mechanical, etc. It has licensed indigenous technologies to over 4800 entrepreneurs and helped to establish over 2500 small and medium scale industries.

The Corporation being a Section 25 company has responsibilities of carrying out both promotional and commercial activities. The two major promotional programmes being carried out by NRDC are :

Programme for Inspiring Inventors & Innovators (PIII) of NRDC endeavors to stimulate the spirit of invention and innovation among scientific and R&D personnel from academia and industries and also craftsmen, artisans and the emerging budding scientific community. In order to harness their creative talent for the benefit of the nation, NRDC gives Cash Awards and Certificates of Merit.

Programme for Development of Technology Commercialization (PDTC) of NRDC is promoting technologies with critical value additions for successful commercialization, facilitating export of Indian technologies by executing turnkey projects abroad. It is further dedicated to undertake technology development programme on the basis of market potential, technology supply considerations and export potential.

INNOVATE!
INDIA



Conference on Innovation for Equitable Growth

February 21-22, 2013
at NIPER, Mohali, Punjab

Organised by



National Research Development Corporation

(An Enterprise of DSIR, Ministry of Science & Technology, Govt. of India)



Supported by

Department of Scientific & Industrial Research
Ministry of Science & Technology

In association with
National Institute of Pharmaceutical
Education and Research



National Institute of Pharmaceutical Education and Research
Sector 67, S.A.S. Nagar, Mohali 160 062, Punjab
Phone: +91-172-2292000, 2214682-87
Website: www.niper.gov.in



National Research Development Corporation

(An Enterprise of DSIR, Ministry of Science & Technology, Govt. of India)
20-22, Zamroodpur Community Centre,
Kailash Colony Extension, New Delhi-110048
Tel: +91-11- 29240401-08, Fax: +91-11-29240409-10,
E-mail: write2@nrdc.in, Website : www.nrdcindia.com





Innovate India 2013

The Innovate India 2013 is NRDC's annual event which comprises of a Conference and a Prize Award Ceremony. The conference aims to provide a platform to entrepreneurs, corporates, academicians, researchers and students for an exchange of ideas on latest technological innovations and developments addressing the multidimensional challenges and interrelated characteristics of science and innovation for sustainable development.

NRDC is inviting you to this Conference for deliberating the issues and ways for driving the economy through innovation for equitable growth.

Objective

This two-day summit will deliberate on areas of innovation that drive equitable growth. The Conference will cover a range of issues pertaining to innovation, providing concrete examples of technology transfer relating to green technologies, food, healthcare and education and will also address questions relating to the culture of innovation for MSMEs, strategic product design and skill development for technology diffusion.

The Conference will also address on issues that stimulate innovation which can be integrated into coherent strategies spanning across R&D, production capabilities, access to markets and effective regulations. The conference will also discuss the role of intellectual property, which is one of the principal tools for providing incentives for innovation, for investment in R&D and for structuring collaborations and licenses aimed at transfer of technologies.

The pan India success of Innovate India Conferences organized by NRDC over the years has been very well received and appreciated by the scientific communities and industrial bodies. This year the Innovate India Conference has the following eight interactive sessions designed for deliberations on the various aspects of innovation for equitable growth:

- Product Design and Technological Innovation
- Innovation in Knowledge Delivery System
- Culture of Innovation for MSMEs
- Skill Development
- Innovations in Food Sector
- Green Technologies
- Affordable Healthcare
- Intellectual Property Rights Vs Open Source

Fostering innovation is an important nation building exercise. Innovative steps taken towards skill development and technical training leads to development of new processes and products that further leads to strengthening of services and manufacturing sectors.

Delegates' Profile

The two-day Conference is targeted at Entrepreneurs, Corporates, Academicians, Researchers, Professionals and Students.

Conference Venue

The Conference will open on February 21, 2013 at **Convention Centre, National Institute of Pharmaceutical Education and Research (NIPER), Sector 67, S.A.S. Nagar, Mohali 160 062, Punjab.**

Registration

There is no Delegate/Registration Fee. However, the Registration/Participation is subject to confirmation by NRDC.

For participation, delegates may register online on our website, <http://www.innovate-india.com> or may kindly contact:

Mr Govind Sharma
Senior Manager, NRDC, New Delhi
Tel: +91-11-29240401-08 (Ext. 104)
Direct: +91-11-41634562
Fax: +91-11-29240409-10
E-mail: gsharma@nrdc.in
Mobile: +91-9910496549

Dr Naresh Kumar
NIPER, Mohali, Punjab
Tel: +91-172-2214683-87 Ext. 2241
Fax: +91-172-2214692
E-mail: naresh@niper.ac.in
Mobile: +91-9779616899

Procedure for Submission of Abstract/Papers for Souvenir

Participants/Authors are invited to send their abstract/papers based on the theme of the conference. Authors may kindly follow the guideline given below while submission of papers/ abstracts:

- The abstracts/papers should be in English
- Use Times New Roman Font with 12 Pitch size
- Abstracts may be restricted to 250 words and papers may not exceed 1000 words
- Submit in editable format, preferably in MS Word document to LNARAYAN@NRDC.IN
- Give title, name of authors with affiliation, organization, full address, email and contact phone and mobile numbers
- Please submit on or before **February 13, 2013** in electronic form only.

The information about the acceptance of abstract/paper for publication in souvenir will be mailed to the presenting author by **February 14, 2013.**

Programme

21st February, 2013 DAY 1

08.30-09.30 Hrs.	Registration
09.30-11.00 Hrs.	Inauguration & Prize Awards Distribution Ceremony
11.00-11.30 Hrs.	TEA/COFFEE
11.30-12.15 Hrs.	Presentation by Awardees on NRDC Meritorious Invention Awards
Plenary Session	
12.15-13.15 Hrs.	Innovation for Equitable Growth
13.15-14.15 Hrs.	LUNCH
Technical Session-I	
14.15-15.30 Hrs.	Proven Strategies and Novel Approaches to Innovations in Food Sector
Technical Session-II	
15.30-16.30 Hrs.	Enhancing Innovation in Knowledge Delivery System
16.30-16.45 Hrs.	Tea/Coffee
Technical Session-III	
16.45-17.45 Hrs.	Innovative Ideas in National Skill Development

22nd February, 2013 DAY 2

Technical Session-IV	
09.30-11.00 Hrs.	Innovation Culture for SME's: Low Cost Automation & Incremental Innovation
11.00-11.15 Hrs.	TEA/COFFEE
Technical Session-V	
11.15-12.15 Hrs.	Strategic Product Design & Technological Innovation
Technical Session-VI	
12.15 -13.15 Hrs.	Affordable Innovation in Health Care
13.15-14.00 Hrs.	LUNCH
Technical Session-VII	
14.00 -14.45 Hrs.	Intellectual Property Rights Vs Open Source
Technical Session-VIII	
14.45 -15.30 Hrs.	Green Technologies
15.30 -16.00 Hrs.	Valedictory Session
16.00 -16.30 Hrs.	TEA/COFFEE

Inventions Promotion Board (IPB) was established in 1960 by the Government of India. with a view to inculcate the spirit of inventivity in the country. The objectives were achieved by assisting and encouraging individual inventors by giving them awards for meritorious inventions and providing financial assistance for developing promising ideas into practical shape, publishing S&T magazines and providing patent assistance. IPB was merged with the National Research Development Corporation in 1973. The Corporation, since then, has been carrying out these promotional activities and meeting the objectives laid down by IPB. These activities are reviewed, improved and modified from time to time by Technical Advisory Committee set up by Administrative Ministry.

The prize awards were announced twice a year, on Republic Day and Independence Day till January 1999. Thereafter from the May 1999 till May 2005, the awards were announced annually and distributed on Technology Day (11th May) every year. The tax-free awards, from last few years, are distributed in functions organised by NRDC.

From the year 2008, the Prize Awards were categorised into the following three categories:

- 1. NRDC Innovation Award of the Year**
 - IP Driven Innovation
 - Premium Innovation
 - Innovation in high tech area

Number of Awards: 2 (max.)
Amount of Award (₹5 lakhs each)
- 2. NRDC Societal Innovation Award of the Year**
 - Agriculture
 - Environment
 - Rural
 - Energy

Number of Awards: 3 (max.)
Amount of Award (₹3 lakhs each)
- 3. NRDC Budding Innovators Award of the Year**
 - Student registered for Bachelors, Masters or Doctoral Degree Program
 - Maximum age limit is 28 Years
 - The application should be forwarded through Head of the Institution

Number of Awards: 5 (max.)
Amount of Award (₹1 lakh each)

As the Indian elephant of a billion mouths has ambled slowly and steadily to become a roaring lion of 1.2 billion minds, we have emerged as the model of growth for the developing regions of Africa, Asia and Latin America. The Indian success story that coined the term 'Jugad' innovation in support of accessible, affordable and adaptable solutions is yearning to join the league of developed nations, but rooted in the Gandhian notion of equitable growth, to solve complex problems driven by innovations in science and technology.

"Innovation is the engine that is driving the world around us: it finds solution where they do not exist, it challenges and pushes conventional norms, it unlocks growth and development, and it enables individuals and communities to aspire and achieve more"





**Conference
on
“Innovation for Equitable Growth”**

21st – 22nd, February 2013

Venue

**Convention Centre, National Institute of Pharmaceutical Education and Research
Mohali, Punjab**

Non- Residential Conference

REGISTRATION / RESPONSE FORM

**Please register the following participants
(Indicate correct & full mailing address in capital letter)**

Name: _____

Designation: _____

Address: _____

_____ **Pin:** _____

Telephone No.: (O) _____ (R) _____

Mobile No.: _____ **Fax:** _____

Email: _____

Signature: _____

For further information the program, you may contact:

Mr. Govind Sharma

Senior Manager

National Research Development Corporation

20-22, Zamroodpur Community Centre, Kailash Colony Extension

New Delhi 110048

Tel: +91-11-41634562, Fax: +91-11-29240409/10

Mobile:+91-9910496549, Email: gsharma@nrdc.in, innovateindia@nrdc.in

****Please note that the registration is subject to Confirmation by NRDC.**