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राष्ट्रीय नवप्रवर्तन प्रतिष्ठान - भारत  
(विज्ञान एवं प्रौद्योगिकी विभाग, भारत सरकार)

**National Innovation Foundation - India**  
(Department of Science and Technology, Govt of India)





# **National Innovation Foundation - India**

Department of Science & Technology, Govt of India





R. A. Mashelkar, F.R.S.  
Chairperson, NIF  
National Research Professor  
President, Global Research Alliance  
Bhatnagar Fellow, National Chemical Laboratory  
Former Director General, CSIR

## *Preface*

It is a proud moment for National Innovation Foundation (NIF) that after a decade of struggle, Department of Science and Technology has decided to make NIF a grant-in-aid institute of the department. This means, relatively speaking, much more resources so as to serve the community of innovators and traditional knowledge holders better. During the last decade, the frozen budget had implied decline in financial resources with much steeper increase in the database of ideas, innovations and traditional knowledge practices. I am acutely aware of the continuing mismatch between even the enhanced budgetary resources of NIF and the tasks ahead of it.

Unless NIF pursues at least two to three thousand projects in validation and value addition a year, we will not have, say two to three hundred marketable projects of which 20 or 30 may achieve success. Current resources will not permit even 100 projects a year. The journey from the proof

of concept or herbal claim to development of a product is a long one. We hope that in the 12th Five Year Plan, NIF will be able to mobilize much larger resources to do justice to the expectation of tens of thousands of grassroots innovators and traditional knowledge holders. There were two major innovative initiatives taken during the year. NIF could file about 200 patents in the last ten years. During the year, it filed more than 200 patents by mobilizing pro bono help of IP firms. Likewise, in the case of IGNITE competition, many more entries from school children were received.

The signing of Memorandum of Understanding with Future Group was an important landmark in the history of NIF. Future Group, owning the largest retail space in India, joined hands with NIF to set up Khoj Lab essentially to develop products from NIF's database and take them to market under the brand name of 'India ka Idea'. The benefits will of course,

be shared with all the stakeholders, particularly the innovators in a fair and just manner.

I hope that many more industry partners will join NIF in fulfilling the expectations of innovators and also the consumers who are looking for extremely affordable solutions. Many new research partners have supported NIF in its mission to add value to green grassroots innovations to make India innovative.

I convey my best wishes to the young team of NIF and invite various individuals and institutions to come forward and support the grassroots innovation movement triggered by the Honey Bee Network and NIF in the country.

R. A. Mashelkar



Anil K Gupta  
Executive Vice Chairperson, NIF, Ahmedabad  
Professor, Indian Institute of Management,  
Ahmedabad

## *Introduction*

A journey begun eleven years ago has reached a very important milestone this year. We did not have any benchmark or roadmap to create an inclusive innovation system for common people at grassroots. Slowly and slowly, we created systems, generated results, brought in new stakeholders and the road started getting paved. Are we satisfied with what we have accomplished? How could we be, when our resources were declining every year with our database of ideas, innovation and traditional knowledge practices increasing at the same time! A crisis of confidence was brewing. The ratio of ideas incubated to the ideas received was becoming more and more adverse. But our desire to surpass our own performance record every year has grown despite dissatisfaction we have had with our accomplishments.

The NIF acquired the status of becoming a grant-in-aid institution of Department of Science and Technology moving from

corpus based to annual grant based autonomous institution. This has enhanced our budgetary resources but only a bit. We still are very far away from a point when we could at least support ten percent of the ideas, innovations and traditional knowledge practices received every year besides bridging the historical gap. But given this transition, we hope that the next five-year plan might prove to be watershed in this regard.

Colleagues experimented with many ideas revealing new potential of collaborative approaches for achieving results in enriching the innovation ecosystem in the country. For instance, while it took almost a decade to file 200 patents on behalf of innovators, NIF filed almost 200 patents in a month. This year it might go up to a few hundred more. Idea was to invite the pro bono representatives of various IP firms to NIF office, sit here and with the help of our colleagues draft applications right here saving time and

energy in correspondence and collation of information.

We have been conscious of the limitation of our efforts to reach mass market in areas where we might have ideas having potential to do so. A memorandum of agreement was signed with Future Group to create Khoj Lab. This lab will select potentially viable ideas, get them designed, productionised and take them to market ensuring sharing of benefits with idea and knowledge providers in a fair and just manner. Each product coming out of the lab will be branded as 'India ka idea'.

Honourable Bharat Ratna, Dr A P J Abdul Kalam, former President of India did the honours at Ignite function to reward creative children at IIMA campus this year too. Noticeably, the youngest child to get creativity award was from just class one. Our children are proving to be extremely impatient, imaginative and innovative addressing many problems with which

our society had learned to live with indefinitely some how, for so long. The Inverted Model of Innovation is emerging in which our children innovate, engineers and designers fabricate these and companies commercialize it or other institutions diffuse it as a public good.

Honourable President Pratibha Devi Singh Patil ji hosted the grassroots innovators at Rashtrapati Bhavan for the second year creating a new global benchmark of recognizing creativity and innovation at grassroots. There is not another head of the state which pays such a close attention to the creative potential of common people. Undoubtedly, it also spreads this concern and consciousness among all those who come from all over the country to visit the exhibition. We hope that the sixth biennial award function will be held in the coming year where The President will once again remind the nation and the world about how Indian Decade of innovation will unfold ideas and innovations for not just local or national good but also global good.

I take this opportunity to thank and put on record our deep appreciation and gratitude for all the outgoing members of NIF's Governing Board. Without their unstinted support, NIF could not have

achieved what it did so far. I also welcome the new members of the Board who I am sure will engage with our mission passionately, inspire our team and help us contribute even more than what we have to make India implement an inclusive innovation model.

NIF has continued to receive unstinted support and advice from the Honey Bee Network volunteers who sustain its values and the spirit of service. There is no doubt that an institution like NIF can be sustained just as an ordinary public organization. It has to keep reinventing itself to realign its directions and practices with the rising expectations of thousands of creative, knowledge rich-economically poor people of our country. It might commit some mistakes, miss a few milestones, and fail some times to meet the expectation of a few. But despite that, the faith of society in NIF's earnestness to learn from those missed milestones to create new benchmarks of service must continue to rise. And to this hope, we all re-dedicate ourselves. It is obvious that with extremely limited resources, this hope will not be easy to sustain. But try we must. The increasing gap between our ability to deliver and meet the rising expectations does pose a challenge to which national leaders have

to pay a close attention, sooner or later lest crisis of expectations is deepened. NIF is committed to keep trying its best to use available resources most frugally, judiciously and fairly to get what Dr. Mashelkar often says, More out of Less for Many.



Anil K Gupta



## Governing Board

Dr. R A Mashelkar - Chairperson  
CSIR Bhatnagar Fellow, National Chemical Laboratory  
Dr. Homi Bhabha Road, Pune - 411 008

Prof Anil K Gupta - Executive Vice Chair  
Indian Institute of Management, Vastrapur,  
Ahmedabad - 380015

Ms. Elaben Bhatt - Member  
Founder, Self-Employed Women Association,  
SEWA Reception Centre, Opp: Victoria Garden,  
Bhadra, Ahmedabad 380001

Dr. V L Kelkar - DST Nominee- Member  
C 1/31, Pandhara Park  
New Delhi 110003

Shri H K Mittal - Member  
Scientist G, Adviser & Head, NSTEDB, Technology Bhawan,  
New Mehrauli Road, New Delhi -110 016

Dr Samir Brahmchari - Member  
DG, CSIR, Anusandhan Bhawan,  
2, Rafi Marg, New Delhi - 110001  
or Director, CMERI as DG (CSIR)'s Nominee

Dr. V M Katoch - Member  
DG, ICMR, V. Ramalingaswami Bhawan,  
Ansari Nagar, New Delhi-110029

Prof. Devang Khakhar - Member  
Director-Indian Institute of Technology Mumbai,  
Powai, Mumbai - 400076

Shri Pradyumna Vyas - Member  
Director -National Institute of Design  
Paldi, Ahmedabad

Shri Kishore Biyani - Member  
Founder, Future Group, SOBO Central,  
4th Floor, Nr. Haji Ali, Tardeo, Mumbai - 400 034

Prof Pankaj Chandra - Member  
Director - IIM Bangalore, Bannerghatta Road,  
Bangalore-560076

Ms Riya Sinha, Honey Bee Network Nominee  
Satisar Apartments, B 802, Sector - 7, Plot - 6, Dwarka, New Delhi

Secretary, Ayush - Ex-officio Member  
Department of AYUSH,  
Ministry of Health and Family Welfare, Recross Road,  
New Delhi 110001

Chairman, SIDBI - Ex-officio Member  
Tower15 , Ashok Marg, Lucknow 226001

Secretary, MSME - Ex-officio Member  
Udyog Bhawan, New Delhi 110011

Chief Secretary,  
Government of Gujarat - Ex-officio Member  
Sachivalaya, Block no: 1, 3rd floor, Gandhinagar - 382 010

Dr. S. Ayyappan - Member  
DG, ICAR Krishi Bhawan, Dr. Rajendra Prasad Road,  
New Delhi-110001

Ms. Sheila Sangwan - Member  
Financial Advisor, Department of Science & Technology,  
Technology Bhawan, New Mehrauli Road, New Delhi - 110 016

Chief Innovation Officer - Ex-Officio Member  
National Innovation Foundation, Satellite Complex  
Premchandnagar Road, Ahmedabad - 380015



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## 1. Winds of change

The year 2010-11 was a watershed in the journey of National Innovation Foundation (NIF) so far. The Union Cabinet approved the change of pattern of funding from Corpus Fund to Regular Annual Budget for NIF on June 10, 2010. Accordingly, NIF got converted to a grant-in-aid institution under the Department of Science and Technology with the total project outlay of Rs. 26.06 crore during the Eleventh Five Year Plan.

The change of status, with an enhanced budgetary support, is expected to scale up the activities of the organization to only partly match the potential of grassroots innovations. As NIF's funds remained almost frozen during the last decade while the work increased manifold, there is a huge backlog of expectations unmet so far. The quantum of resource allocation at enhanced level is much appreciated, though it is still far too short of what is required to do justice to meet

the expectations of innovators and traditional knowledge holders scouted already. Nevertheless, NIF welcomes the change and hopes to pursue its mission with a renewed vigour, more accountability and increased value for the innovators and the society at large.

This transition would enable NIF to pursue validation of more grassroots technologies, provide protection to them using appropriate intellectual property tools, provide appropriate

level of investments for deepening market worthy innovations and create linkages with the market. Another important activity would be the promotion of innovations at an affordable cost through non-commercial channels as well.

### i. Celebrating children's creativity

In a function organized at the Ravi J Mathai Auditorium, Indian Institute of Management, Ahmedabad on November 8, 2010, NIF felicitated the IGNITE 10 student award winners. IGNITE is the national competition of students (up to class 12) technological ideas and innovations organized by NIF in partnership with Central Board of Secondary Education (CBSE), Navodaya Vidyalaya Samiti, Various State Education Boards, Society for Research and Initiatives in Sustainable Technologies and Institutions (SRISTI), and other partners.

The names of the 22 award winners, coming from eleven states, were announced on October 15th, the birth day of



Bharat Ratna Dr A.P.J. Abdul Kalam, celebrated as the Children's Creativity and Innovation Day. The IGNITE 10 contest, which ran from October 16, 2009 to September 15, 2010, got 2139 entries from school students from 161 districts of 29 States & Union Territories of the country.

In all the cases, NIF filed patents in the names of the students and handed over the patent draft with the application number to them. NIF also helped in prototype development of many ideas as well. The same were displayed in an exhibition at the venue.

The fifth edition of the children's ideas and innovations competition – IGNITE 2011 is presently underway. The last date of receiving entries for the same is August 31, 2011. Till date we have received about 200 entries from the students. The awards will be declared on October 15, 2011 and given on November 11, 2011 at the

hands of Dr APJ Abdul Kalam at IIM Ahmedabad campus.

#### **ii. The walk in search of home grown ingenuity**

NIF joined SRISTI and Honey Bee Network in organizing the 25<sup>th</sup> Shodhyatra from Narayanpur (Brehda) to Mahka in Narayanpur district of Chhattisgarh from May 15 to 21, 2010. The thirty-five participants, who came from Gujarat, Andhra Pradesh, West

Bengal, Delhi, Assam, Tripura, Uttar Pradesh etc, and walked 135 km in the tribal region, could not but appreciate the tremendous cultural abundance, excellence in different fields and the warm hospitality of the people. Their fortitudinous spirit, subtle desire to live, grow, innovate and excel in the difficult circumstances that they happen to be in, was a revelation for most of the shodhyatris.

The 26<sup>th</sup> Shodhyatra was organised from Laitkynsew (Cherrapunji) to Smit (Shillong), January 3 to 9, 2011 with the help of Bethany Society, Shillong. About 125 participants from India and abroad participated in the Shodhyatra to learn from the common people. Meghalaya is widely considered as the broom capital of India and the best quality comes from this place. Another source of income of the people is the tezpatta, which is also abundant here along with areca nut. As the load of survival needs increased, pressure on the





environment also increased, and people started rat coal mining, pursuing extraction of the minerals, limestones and others. Some of them continue with jhum cultivation (shifting agriculture) also. Shodhyatris were surprised to see long queues of water pots at taps, and a serious potable water problem in the region, which receives the maximum rainfall in a year in the world. Several unique practices based on biodiversity resources, a few innovations involving very imaginative and judicious use of energy in the kitchen, and creative ideas of children, were also discovered during the walk.

### iii. The flavor of traditional recipes: Sattvik 2010- The Traditional Food Festival

NIF joined SRISTI in organizing the traditional food festival, Sattvik-2010 at IIM New Campus from December 18 to 20, 2010. NIF and GIAN set up an innovation exhibition at the venue and organised idea competitions for the children. Literature for dissemination was also distributed to the public during festival. One day workshop was also organized on validation of

traditional recipes and inclusion of nutraceutical products in daily diets during the food festival.

### iv. Grassroots innovations on display at the Rashtrapati Bhawan

For the second year in succession, NIF organized the Innovations Exhibition at the President House during March 14-17, 2011, which was inaugurated by President Pratibha Devisingh Patil. Governor of Tripura Dr. D.Y. Patil and Shri Manohar Joshi, former speaker Lok Sabha, guests at President's Office were also present at the inauguration along with many other invited guests.

Hon'ble President had earlier declared the decade 2010-2020 as the decade of innovation and this particular



exhibition conveyed our collective efforts and commitment to support the cause of inclusive innovation. This exhibition also provides an opportunity to industry and trade representatives, investors, entrepreneurs, designers, etc., to contribute towards India's development by adding value to these indigenous innovations and taking them to the market.

This exhibition featured 32 stalls showcasing 45 innovations by students and grassroots innovators from fifteen states. The exhibition featured such innovations as: the hand operated water lifting device, bullock operated sprayer, compost aerator and leaf pruner, manual milking machine,



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bamboo lathe machine, solar mosquito destroyer, etc and different plant varieties.

State Minister of Textile, Smt P Laxmi, also visited the innovation exhibition, with her team, specifically to have a look at the handloom cluster displayed at the venue. The cluster showcased innovative looms from Manipur, Assam, Tamil Nadu in addition to a stencil cutter for making embroidery design from Gujarat. It was a matter of great pride for innovator Deepak Bharali from Assam when Hon'ble President Pratibha Devisingh Patil appreciated and patted him for improving jacquard hand loom by using magnetic bobbins for making designs. NIF launched the magnetic bobbins in her presence so that with her blessings, the benefit of the manifold productivity gains in Jacquard looms could reach the wider weaver community in North east and elsewhere.

The innovation exhibition was also visited by Secretary, DST, Dr T Ramasami, who encouraged individual innovators and listened to their stories.

In addition, Prof P Vyas, Director NID, Dr PB Sharma, VC, DTU, Lt Gen Mahasale, Army Engineering Division, representatives from National Innovation Council office, Senior Government Officials, Scientists, Professors, Designers, Entrepreneurs and a large number of students also visited the exhibition. Thousands of people visiting the Mughal Gardens during the Udyanotsav appreciated the grassroots innovations displayed in the exhibition.

On the sidelines of the exhibition, NIF also organised an Incubation workshop in which marketing faculty from management schools, designers, innovators, engineers and entrepreneurs discussed strategies to improve the market linkages for these innovations.

#### **v. Foundation Day Celebration**

NIF celebrated its 11<sup>th</sup> Foundation Day at SRISTI on February 28, 2011. A brainstorming session with social leaders, entrepreneurs, intellectuals, business men, activists, thought leaders and well-wishers was organised on the

occasion to discuss the strategies to take the grassroots innovations' movement forward.

## **2. Activities**

### **i. Scouting and Documentation:**

#### **a. Short listing of the entries received during the Sixth National Biennial Competition of Green Grassroots Innovations and Outstanding Traditional Knowledge**

For the Sixth National Biennial competition, NIF received 36879 innovations/practices from 366 districts of the country. Ideas, innovations and traditional knowledge practices are being short listed to be presented before the Research Advisory Committee (RAC) for deciding the awards.

#### **b. Seventh & Eighth National Biennial Competition of Green Grassroots Innovations and Outstanding Traditional Knowledge**

In the Seventh Competition, which concluded on March 31, 2011, NIF received over 20,000 creative ideas,

innovations and traditional knowledge practices from 315 districts of the country. As always, the bulk of the contribution was from the volunteers of the Honey Bee Network. NIF is also trying to increase its presence in different parts of the country by building a network of local scouts. The Eighth National Competition has started on April 1, 2011 and would continue till December 31, 2013.

#### **c. Participation in Workshops, Meetings and Consultations**

In an attempt to reach out to new partners and also improve the quality of documentation, NIF organized a national workshop on scouting and documentation during September 22-23, 2010 at Ahmedabad. About eighty scouts and volunteers from twenty one states of the country participated in the two days program. Apart from discussing various scouting techniques, hands on training was provided for documentation activities. Regional workshops were also organised to explore the possibilities of finding new partners as well as for follow-up of scouted entries/ practices in Shri B.D. Todi College, Sikar, Rajasthan on October 23, 2010, The

Madura College, Madurai, Tamil Nadu on October 31, 2010 and SN College Motihari, Bihar on November 13, 2010.

Interactive workshops of innovators and traditional knowledge holders were organized at Motihari (Bihar) on November 14, 2010 and Cherrapunji (Meghalaya) on January 13, 2011 where a number of innovations and traditional knowledge practices were documented.

For finalizing the format of the collection of the information and development of database a collaborative workshop "Development of database of less common medicinal plants and associated traditional knowledge" was conducted at Indian Institute of Management, Ahmedabad on March 4 -5, 2011 by NIF and National Medicinal Plant Board along with Centre for Management in Agriculture, IIM Ahmedabad. The workshop was attended by eminent scientists, senior government officials, professors, civil society representatives and students.





#### **d. S&D Partnerships**

In order to bolster the S&D activities in different parts of the country, NIF has also joined hands with different institutions like Sikkim State Science and Technology, Gangtok (Sikkim), Bethany Society, Shillong (Meghalaya), Sripat Singh College, Murshidabad (West Bengal), M. S. College, Motihari (Bihar), Pancharatna Gramya Bikash Kendra, Nalbari (Assam), MarThoma College, Tiruvalla (Kerala) Periyar University, Salem (Tamil Nadu), and Organisation for Rural Improvement, Nambol (Manipur).

#### **ii. Value Addition, Research and development:**

During the period, many new linkages with R&D institutions were established. The validation of grassroots technologies has been in progress at Indian Council of Medical Research (ICMR) and Council of Scientific and

Industrial Research (CSIR) institutions, State Agricultural Universities (SAUs) like Madhya Pradesh Pashu Chikitsa Vigyan Vishwavidyalaya, Jabalpur; CSK- Himachal Pradesh Krishi Vishwavidyalaya, Palampur; Tamil Nadu Veterinary and Animal Sciences University, Chennai; Sher-e-Kashmir University of Agricultural Science & Technology, Jammu; Maharashtra Animal & Fishery Sciences University, Nagpur; Bangalore University, Bangalore; S. D. Agricultural University, SK Nagar and CCS Haryana Agricultural University, Hisar. Various plantation crop varieties are being

validated at Indian Cardamom Research Institute, Idukki and Indian Institute of Spices Research, Calicut. Institutes like Indian Institute of Horticulture Research, Bangalore, Spice Board Cochin, Rubber Research Institute of India Kottaya, were also involved in scientific validation of green grassroots technology.

Further linkages were established with Indian Institute of Technology (IIT), Gandhinagar, Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT) Gandhinagar, LD College of Engineering, National Institute of Design (NID), Ahmedabad, Indian Institute of Technology (IIT), Mumbai, Indian Institute of Technology (IIT), Kharagpur, Petroleum Conservation Research Association, New Delhi, Earth Care Designs, Nashik, Automotive Research Association of India (ARAI), Pune, SRISHTI School of Design, Bangalore etc. A workshop with Future Group, India's largest retail group, was held on October 26, 2010 to add value to the innovative technologies.

36 projects were sanctioned for promoting value addition and product development to various research institutions/designing firms. Financial assistance was provided to fifteen innovators from seven states for establishing workshop facilities thereby to augment their innovations/ideas. The workshop facilities will also enable prospective innovators in that

region to try and enable their prototype development. During the period direct financial support was provided for promoting prototype development, testing and trials of the innovation, development of proof of concept, repairing existing prototype, etc. Re-Kriti, an event under SYNAPSE, an annual student event, was held at DA-IICT, Gandhinagar where 10 teams

presented their technological plans to add value to grassroots innovations.

Financial support for the project entitled “Herbal formulation to reduce the post harvest loss in fruits and vegetables” and “Identification of alternative animal health delivery system through folkloric claims” was also received from DST.



### iii. Business Development:

**a. Business Development projects:** In FY 2010-11, an amount of Rs. 12,51,367 (Rs. Twelve lakhs fifty one thousand three hundred and sixty seven) was given as support for eighteen projects.

**b. Micro Venture Innovation Fund (MVIF) Investments:** During the period investments amounting to Rs. 43,25,850 (Rs. Forty three lakhs twenty five thousand eight hundred and fifty rupees) were made and fifteen projects sanctioned. First installment was released for most of the projects sanctioned during this period and additional installments were released for projects sanctioned earlier.

**c. Repayment made in financial year 2010 – 2011:** Recoveries of Rs. 15,20,170 (fifteen lakhs twenty thousand one hundred and seventy rupees) were made in MVIF investments during the period under report.

**d. Initiatives with students**

- **‘Disha’ Business plan competition:** With the assistance of Samaritans, the student run social initiatives club of MDI “DISHA 2010 Business Plan Competition” was organized. Six teams from IIM Lucknow, MDI & XLRI Jamshedpur, NSIT Delhi, JBIMS Mumbai, University of Agricultural Sciences (UAS) Dharwad and MDI were chosen for the finals, held at MDI Gurgaon. These business plans might help in approaching prospective entrepreneurs and mentors.

- **Summer Internships:** Students from IIM Shillong, IIM Ahmedabad, EDI Ahmedabad, KIMS Mumbai interned with NIF. The students focussed mainly on benchmarking and ways for taking innovations to users-both commercially and non commercially.

**iv. Intellectual Property Rights: An institutional innovation**

During the period with the help of law firms like Anand & Anand, Surana and Surana, Legasolv, LLS, closer2patents, ilf RSJ, Khurana & Khurana, Y J Trivedi & Co., a total of 230 patents were filed, a very large majority in just one month, March ‘11. In seventy one cases, Requests For Examination (RFE) were also filed. It is worth noting that while NIF could file about 200 patents in 10 years, it could file as many in one month (March, 2011) through a very innovative approach. NIF already has a short list of many technologies which could be protected (some in a defensive manner, some to be covered under Technology Commons, and some for potential licensing).

NIF team realized that it could expect to have many staff in foreseeable future and thus the task of getting protection for grassroots innovators will remain largely incomplete and inadequate. It wrote to various patent firms and asked them to use NIF office as their own for a month. They were requested to send staff to NIF office, look at the files NIF

had, and draft the applications sitting here so that different colleagues could answer their queries right on the spot, rather than having email exchanges back and forth. The experiment worked and delivered unbelievable results. What is even more impressive is that almost all IP companies agreed to minimal remuneration (just about Rs 15,000 per application including the filing fees) so as to contribute their mite in the nation building process. Hats off to their *pro bono* spirit! If NIF has more resources, it can easily file more than five thousand applications a year.

**v. Information Technology**

**a. MIS project**

In 2009, the MIS project of NIF was outsourced to a professional IT company Mindtree Ltd after approval from Governing Council in 19<sup>th</sup> GC meeting. However, considering the escalation in development cost post global financial slump, the revised deal could not be worked out. Later Merit System Pvt ltd., Bangalore was engaged to develop the same using open source solutions and outsourcing some



component delivery. They gave a prototype which will help in working out an economical way of developing final ERP.

NIF has procured commercial software solution "Smartsheet.com" which has following features viz., project Tracking, Project creation, Mile stone Defined, and Permission rights.

IT team is enabling to convert desktop based application National Register (which includes only accepted entries) to web enabled application. This will enable the application to be accessed from a remote location. NIF has also implemented the Google Analytics, so as to improve the hit rate of its website.

#### **vi. Dissemination**

NIF has prepared a series of booklets on innovations for dissemination purposes. The same would be carried by the scouts while touring rural areas for showing different innovations to the villagers. The same is also being gifted to visitors to NIF and distributed in exhibitions, seminars etc.

In order to widen its reach and to seek more entries for the biennial

*In Support of Grassroots Innovations*

competition, NIF aired an advertisement on the All India Radio in March 2011 in three languages- Hindi, Gujarati and English. The response received was positive and NIF wishes to replicate this experiment in the future for both scouting and dissemination purposes. NIF also procured five Information Kiosks for information dissemination of which one kiosk each has been installed at GIAN N office at Jaipur and NIF Cell at IIT Guwahati and the remaining would be used at Ahmedabad. In addition to the dissemination material like booklets, posters, fliers, NIF also supported the publication of different versions of the Honey Bee Newsletter.

Success stories of grassroots innovations from NIF database and news updates were published by leading newspapers and magazines like The Hindu, Yojana, The Times of India, Business Standard, DNA, Indian Express, Hindustan, Hindustan Times etc and online portals like rediff.com. Forbes released the list of seven most powerful rural Indians chosen by Prof Gupta, where the names of Shri Mansukhbhai Jagani, Gujarat; Shri Mansukhbhai Patel, Gujarat; Shri

Mansukhbhai Prajapati, Gujarat and Shri Madanlal Kumawat, Rajasthan, Shri Dadaji Khobragade, Maharashtra and Shri Chintakindi Mallesham, Andhra Pradesh were included in the list. Forbes also broke a journalistic tradition by drawing upon the experience of Honey Bee Network to invite readers to contribute possible content for its January, 2011 issue.

#### **a. Participation of NIF and innovators in Exhibitions**

NIF participated in the Army Innovation Seminar cum Exposition on June 29-30 2010 at Army Headquarters, Delhi where it showcased different grassroots innovations like trench digger, herbal bullet proof jacket, bio mass gasifier and pollution controlling filter among many others. It also participated in 'Exhibition to promote rural innovations' at MPCOST- Bhopal, Madhya Pradesh on Sep. 17-18; 30th India International Trade Fair 2010 at New Delhi on Nov 14-27 and Yaswantrao Chavan Agri Industrial, Animals and Birds exhibition at Karad, Maharashtra on Nov 24-28 to showcase different grassroots innovations.

Pride of India pavilion was set up by DST at the 98th Indian Science Congress held from January 3-7, 2011 at SRM University, Chennai where NIF exhibited various innovative products in the field of engineering, plant varieties, and veterinary and human health products with the help of innovators and collaborators.

NIF participated in the Techfest 2011 organised by IIT Mumbai from January 7-9, 2011 where it showcased twelve exhibits from Maharashtra and Gujarat along with other innovative products in the field of engineering. Three grassroots innovators also participated in this exhibition and displayed their innovations. The participating students were posed two kinds of challenges: one of the unsolved problems we have witnessed in our shodh yatras and second based on innovations, which need to be optimized.

Atlanata Foundation invited NIF/ Honey Bee Network to participate with cycle based innovations for showcasing them on January 26, 2011 in their half yearly cycling event for corporate employees at Hyderabad. About half a

dozen cycle based innovations were displayed at the event. Participants, which included students, investors, entrepreneurs, corporate sector employees, were exhorted to value add and help take these innovations to the market. The event was coordinated by Honey Bee Andhra Pradesh.

### 3. Growing, expanding and reaching out

#### i. The KHOJ lab: *India ka Idea*

On December 14, 2010, NIF entered into a MoU with the Future Group, India's largest retail chain, with the aim of taking promising grassroots innovations to the market. This collaboration resulted in the setting up of an innovation lab called the Khoj Lab whose purpose is to bring out products that are truly 'Indian' and branded as "India ka Idea". The first products to be rolled out soon from the Khoj Lab are a range of Nutritional cookies, based on the

traditional knowledge of the Bhil community.

#### ii. Collaboration with National Medicinal Plant Board

NIF is entrusted with the responsibility of developing a database of less common medicinal plants in collaboration with NMPB, Department of AYUSH. The database will include the information which is not found in classical and codified texts. The database will help not only people to people networking but also help local small scale entrepreneurs and investors



get in touch with innovators and traditional knowledge holders. It will also help in conserving cultural diversity linked as it is with biodiversity.

### **iii. Collaboration with CAPART**

In view of the fact that National Innovation Foundation (NIF) and Honey Bee Network have rich experience in developing and practicing methods to solicit and document grassroots innovations (GRIs) and traditional knowledge (TK), CAPART is partnering with NIF to assist their Technology Resource Centres (TRCs) and other potential NGOs in initiating similar efforts. The aim is to assist selected member TRCs and state bodies to adopt/expand methods and systemic approaches to scout, document and promote grassroots innovation through knowledge sharing and networking. The technologies will be identified for social and commercial diffusion after validating and improvising. This will be in addition to the present system of NIF for scouting, documentation, validation, value addition, IPR and dissemination activities of NIF. *Each selected partner is*

*In Support of Grassroots Innovations*

*expected to work on voluntary basis for some time, prove their credentials in scouting and documentation and only then be eligible for funding on NIF norms, which are very frugal.* The collaboration will be monitored and guided by expert and techno commercial committees, which were setup by CARPART in consultation with NIF under the chairmanship of Prof R. Kumar.

To initiate this effort, a workshop on "Building Capacity for Scouting, Documentation, Database Development and Dissemination of Grassroots Innovations" was organized with the help of Centre for Management in Agriculture, IIM A on June 7-8, 2010 where experts from different fields gave presentations to the participants. The workshop was attended by 53 representatives of NGOs, CAPART TRCs and members of Councils of Science and Technologies of different states.

### **iv. Developing linkages with Malaysia**

A Malaysian delegation, led by Science, Technology and Innovation Minister His Excellency Dr Maximus Ongkili

visited National Innovation Foundation, GIAN and SRISTI on February 23, 2011 to learn and exchange notes on innovations in India and Malaysia. To strengthen cooperation between the two countries, an MoU is also planned to be signed with the Malaysia Innovation Foundation (YIM) under the Malaysian Department of Science, Technology and Innovation. As per the MoU, NIF will help the department in Malaysia for scouting, documenting, dissemination and capacity building of innovations.

## **4. Major decisions of Governing Board**

### **i. Revision of the Award money in biennial competitions for grassroots innovations and outstanding traditional knowledge of NIF**

In view of the award money having remained unchanged for over a decade, the revision in the award money was accepted by the Governing Board. The life time achievement award will be at Rs. 7.5 lakh followed by National first at Rs. 5 Lakh, Second at Rs. 3 lakh and the third at Rs. 1 Lakh. It was proposed





to divide the enhanced amount into two components viz. providing an amount at the time of award function and the remaining amount in terms of 'Innovation Fellowship' over a period of time. The matter of break up of prize money of National awards was discussed in the Executive Committee. It is suggested that 15 per cent of the total prize money in each of the National awards and Life Time Achievement award should be

reserved for community welfare and Nature conservation, of course through the awardees only.

Two separate cheques for a simple award money and community/nature will be given to awardees. The award winner may decide the activity he wishes to undertake for his/her community and conservation of nature. He/she may give a report or may share the relevant information with the NIF

which will help him/her prepare the report for the 15 per cent portion only.

NIF believes that community or the natural resources around one's habitat nurture the creativity and sustain the innovative spirit. It may be useful to impress upon innovators and the holders to reciprocate moral or material support received from the society and environment. Therefore, as a matter of principle, we suggest that the award holders may share their incentives so as to foster creativity and to restore their faith within their community. The cheques for the purpose will be in their name only and it will be up to them to decide how they use these resources. The point will be made by giving a separate cheque to them for community and nature conservation. NIF wants to keep connections among them intact, rather reinforce the same.

## **ii. Constitution of new Governing Board:**

The Governing Board membership was increased from fifteen to twenty. The Secretary DST, Secretary, Finance, and



Finance Advisor will not be members of NIF governing Board. Secretary, AYUSH, Secretary, MSME and Chairman, SIDBI in addition to Chief Secretary, Gujarat Government and CIO/Director of NIF will be ex-officio members in Governing Board membership. Representative of Honey Bee Network will be member in NIF Governing Board, beginning with Ms Riya Sinha Chokkakula, President, SRISTI Innovations. Representative of DST will be in NIF Governing Board, beginning with Dr V L Kelkar, Former Chairperson, 13<sup>th</sup> Finance Commission.

### **iii. Constitution of Finance Committee**

Existing Executive Committee was replaced by Finance Committee (FC). The size of the projects which need to be discussed and approved by FC will be ratified by Governing Board.

### **iv. Revision of Delegation of powers for MVIF as well as other projects at NIF**

The Governing Board took note of the fact the delegation of powers had not been revised for the last ten years. It

*In Support of Grassroots Innovations*

recommended the proposed delegation of financial powers as below

- a) National Coordinator: from Rs 25k per project to Rs 50k
- b) Chief Innovation Officer: from Rs 3 lacs to Rs 4 Lacs.
- c) Executive Vice Chair and Executive Director: from Rs 5 lacs to Rs 10 lacs
- d) Chairperson, NIF from Rs. 15 lacs to Rs. 25 lacs
- e) Finance Committee may consider projects above Rs 25 lacs to Rs. 5 Crores and beyond Rs 5 Crores to be approved by the GB

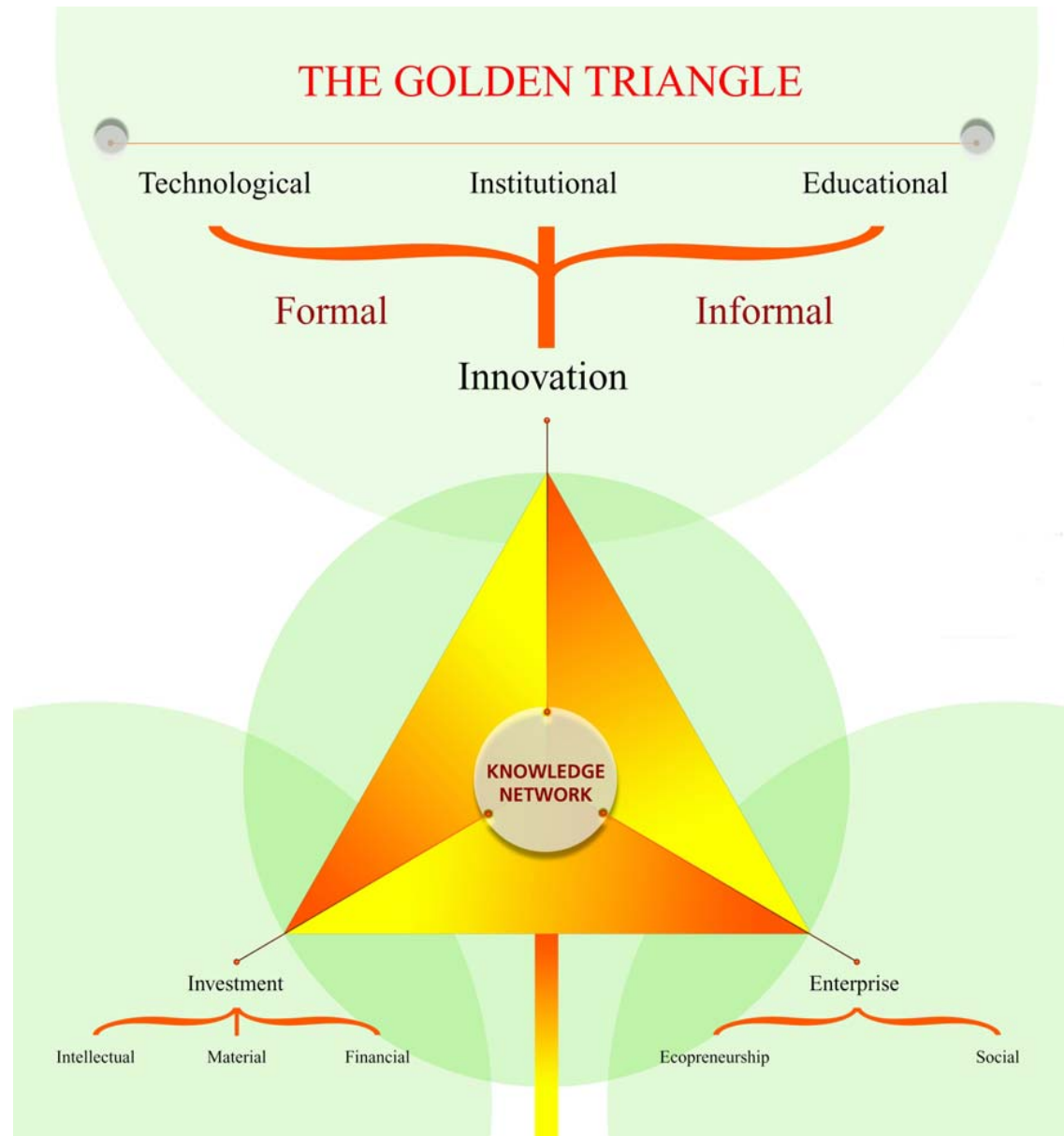
### **v. Recruitment of core positions**

Nine permanent positions have been approved along with change of title: Director will be Chief Innovation Officer cum Director, Scientist F will be redesignated as National Innovation Coordinator (as per functional responsibility), Scientist D will be redesignated as Senior Innovation Officer and Scientist C will be redesignated as Innovation Officer. Advertisement for the post of Director/ Chief Innovation Officer can be placed as per the model recruitment rules of

DST. Advertisement for the post of Scientist F/ National Innovation Coordinator (two), Scientist D/ Senior Innovation Officer (Two) and Scientist C/ Innovation Officer (Four) can be placed by NIF.

## Volunteers invited

It is apparent from the activities under report that despite becoming an integral part of Department of Science and Technology, NIF continues to draw upon volunteers in all fields and functions to achieve its goals. NIF is always looking for volunteers who wish to participate in any aspect of value chain around grassroots innovation and outstanding traditional knowledge. Interested colleagues can write to NIF at [info@nifindia.org](mailto:info@nifindia.org) and offer to join this mammoth effort of making India Innovative by contributing in scouting and documentation, mobilizing ideas and innovations from children in and out of school, informal sector, rural areas or urban informal sector, value addition, validation, business development, dissemination; developing media strategy; designing products; filing patents or trademarks; writing stories; making films, or just walking with Honey Bee network volunteers during shodhyatras every summer and winter.



**Auditor's Report and Balance Sheet  
2010-11**

## Financial Statement

Mukesh M. Shah & Co.,  
Chartered Accountants  
1st Floor, H.K. House, Ashram Road,  
Ahmedabad - 380009

### AUDITOR'S REPORT

NAME OF THE PUBLIC TRUST :-  
NATIONAL INNOVATION FOUNDATION

REGISTRATION NO :  
F/7412 - AHMEDABAD

We have audited the attached Balance Sheet of above named trust as at 31st March, 2011 and also the Income and Expenditure Account for the year ended on that date, annexed thereto. These financial statements are the responsibility of the trust's management. Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audit in accordance with the auditing standards generally

accepted in India. Those standards required that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

Further to our comments in above paragraphs, we report that:

- (a) We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purposes of our audit.
- (b) In our opinion, proper books of accounts as required by law have been kept by the Foundation so far as appears from our examination of accounts;

- (c) The Balance sheet and Income and Expenditure Account dealt with by this report are in agreement with the books of account;
- (d) In our opinion and to the best of our information and according to the explanations given to us, the accounts read with the notes thereon give the information required by the Bombay Public Trust Act, 1950 and the guidelines for accounting for the Central Autonomous Bodies issued by the Ministry of Finance in the manner so required and give a true and fair view -
  - i. In the case of balance sheet, of the state of affairs of the foundation as at 31<sup>st</sup> March, 2011; and
  - ii. In the case of the Income and Expenditure Account, of the Excess of Income over Expenditure for the year ended on 31<sup>st</sup> March, 2011.

As required under section 33(2) of the Bombay Public Trust Act, 1950, we further report that -

- (1) The accounts are maintained regularly and in accordance with

- the provisions of the Act and the Rules.
- (2) The receipts and disbursements are properly and correctly shown in the accounts.
  - (3) The cash balance and vouchers in the custody of the authorised person on the date of audit were in agreement with the accounts.
  - (4) Books, Deed, Accounts vouchers and other documents and records required by us were produced before us.
  - (5) A register of movable and immovable properties is properly maintained and changes therein are communicated from time to time to the regional office of the charity Commissioner.
  - (6) There are no defects and inaccuracies mentioned in the previous audit report which need to be complied with.
  - (7) The manager / trustee required by us to appear before us did show and furnish necessary information required by us.
  - (8) No properties of funds were applied for any object or purpose other than object or purpose of trust.
  - (9) The amount outstanding for more than 1 year and amount written off were NIL.
  - (10) Tenders were invited wherever the repairs or construction involving expenditure exceeding Rs.5000 was taken up.
  - (11) We have not come across any case of alienations of immovable property contrary to the provision of section 36 of the act.
  - (12) We have not come across any case of irregular, illegal or improper application of failure or omission to recover monies or other property belonging to public trust or of loss or waste of money or other property thereof on the part of trustees or any person while in the management of trust.
  - (13) The minimum and maximum number of trustees is maintained.
  - (14) The meetings are held regularly as provided in the trust instrument.
  - (15) The minute's book of the proceedings of the meeting is maintained.
  - (16) None of the trustees has any interest in the investment of the trust.
  - (17) None of the trustees is debtor or creditor of the trust.
  - (18) No irregularities are pointed out by the auditors in the accounts of the previous year which require to be complied with by the trustees during the period of audit.

Place : Ahmedabad

Dated : 18.07.2011

**For Mukesh M. Shah & Co.,**  
Chartered Accountant  
Firm Regi. No. :106625W

Partner  
Chandresh S. Shah  
Membership No. : 42132

<b>NATIONAL INNOVATION FOUNDATION - INDIA</b> <b>Regn.No.F/7412/Ahmedabad</b> <b>BALANCE SHEET AS AT MARCH 31, 2011</b>			
	Schedule No.	INR-Rupees As at March 31, 2011	
<b>CORPUS/ CAPITAL FUND &amp; LIABILITIES</b>			
Corpus/Capital Fund	1		19,512,702
Earmarked Funds	2		76,672,783
Current Liabilities and Provisions	3		518,075
<b>Total</b>			<b>96,703,560</b>
<b>ASSETS</b>			
<b>Fixed Assets</b>	4		
Gross Block		17,919,482	
Less : Depreciation		10,304,131	
Net Block			7,615,351
Investments			0
Current Assets, Loans, Advances and Other Assets	5		89,088,209
<b>Total</b>			<b>96,703,560</b>
<b>Significant Accounting Policies and Notes on Accounts</b>	11		
As per our report of even date For <b>Mukesh M Shah &amp; Co.</b> Chartered Accountants Firm Regn. No. 106625W		The above Balance Sheet to the best of my/our belief contains a true account of the Funds/Liabilities and Assets/Property of the Trust	
Partner Chandresh Shah Membership No. 42132 Place : Ahmedabad Date : 18 July 2011		<b>TRUSTEE</b>	

<b>NATIONAL INNOVATION FOUNDATION - INDIA</b> <b>Regn.No.F/7412/Ahmedabad</b>  <b>INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED ON MARCH 31, 2011</b>			
	Schedule No.	INR-Rupees As at March 31, 2011	
<b>INCOME</b>			
<u>Grant/ subsidies</u>			
Plan Grant from Department of Science and Technology [DST] (Less: Amount Transferred to Balance sheet representing expenditure on non-recurring items)		70,000,000 (5,471,787)	64,528,213
Interest earned	6		2,221,519
Other Income	7		561,348
<b>Total</b>			<b>67,311,080</b>
<b>EXPENDITURE</b>			
Establishment Expenses	8		10,656,743
Recurring Expenses	9		49,595,503
Other Administrative Expenses	10		4,611,161
Depreciation			1,952,505
<b>Total</b>			<b>66,815,912</b>
<b>Excess of Income over Expenditure transferred to Balance Sheet</b>			<b>495,168</b>
<b>Significant Accounting Policies and Notes on Accounts</b>	11		
As per our report of even date For <b>Mukesh M Shah &amp; Co.</b> Chartered Accountants Firm Regn. No. 106625W  Partner Chandresh Shah Membership No. 42132 Place : Ahmedabad Date : 18 July 2011		The above Balance Sheet to the best of my/our belief contains a true account of the Funds/Liabilities and Assets/Property of the Trust  <b>TRUSTEE</b>	



**NATIONAL INNOVATION FOUNDATION - INDIA**

**Regn.No.F/7412/Ahmedabad**

**SCHEDULE FORMING PART OF BALANCE SHEET AS AT MARCH 31, 2011**

	INR-Rupees As at March 31, 2011	
<b>Schedule : 1 - Corpus/Capital Fund :</b>		
<b>1 Corpus Fund</b>		
Balance as per last Balance Sheet	200,000,000	
Less: Return to DST	200,000,000	
		0
<b>2 Capital Fund</b>		
Balance as per last Balance Sheet		433,294
<b>3 GOI DST Grant for Fixed assets</b>		5,471,787
<b>4 Balance in Income and Expenditure Account</b>		
Balance as per last Balance Sheet	13,112,453	
Add /(Less): Excess /(Deficit) of Income transferred from Income and Expenditure Account	495,168	
		13,607,621
<b>Total</b>		<b>19,512,702</b>

<b>Schedule : 2 - Earmarked Funds :</b>		
<b>Earmarked Funds</b>		
<b>1 CAPART Exhibition</b>		
a Balance as per last Balance Sheet	-	
b Grant received	940,500	
c <u>Less: Expenditure/Utilisation towards objectives of fund</u>		
i. Capital Expenditure		
Fixed assets	-	
ii. Revenue Expenditure		
Accommodation, Conference hall, stationery and printing and exhibition expenses	767,512	
Administrative/ Institutional charges	95,000	
Salaries & Wages	122,000	
Travel expenses	61,685	
	<b>Total of Expenditure</b>	<b>1,046,197</b>
Recoverable from CAPART- [a+b-c]		(105,697)
<b>2 DST &amp; KAPL Project</b>		
a Balance as per last Balance Sheet	7,436,000	
b Grant received	-	
c Interest on Grant	258,860	
d <u>Less: Expenditure/Utilisation towards objectives of fund</u>		
i. Capital Expenditure		
Fixed assets	66,500	
ii. Revenue Expenditure		
Consumable & Materials	550,000	
Information & Documentation	58,650	
Overhead	100,000	
Salaries & Wages	248,000	
Travel expenses	103,547	
	<b>Total of Expenditure</b>	<b>1,126,697</b>
Net Balance at the year end [a+b+c-d]		6,568,163
<b>3 DST Seeds Project</b>		
a Balance as per last Balance Sheet	-	
b Grant received	750,000	
c <u>Less: Expenditure/Utilisation towards objectives of fund</u>		
i. Capital Expenditure		
Fixed assets	-	
ii. Revenue Expenditure		
Consumable & Materials	34,038	
Salaries & Wages	180,000	
Travel expenses	62,678	
	<b>Total of Expenditure</b>	<b>276,716</b>
Net Balance at the year end [a+b-c]		473,284

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<b>4 DST Project- Vet</b>		
a Balance as per last Balance Sheet	-	
b Grant received	500,000	
c <u>Less: Expenditure/Utilisation towards objectives of fund</u>		
i. Capital Expenditure	-	
ii. Revenue Expenditure	-	
Total of Expenditure	-	
Net Balance at the year end [a+b-c]		500,000
<b>5 NMPB(Ayush) Project</b>		
a Balance as per last Balance Sheet	-	
b Grant received	4,000,000	
c <u>Less: Expenditure/Utilisation towards objectives of fund</u>		
i. Capital Expenditure		
Fixed assets	136,250	
Others		
ii. Revenue Expenditure		
Manpower- Ayush	32,200	
Travel- Ayush	30,159	
Workshop- Ayush	300,000	
Total of Expenditure	498,609	
Net Balance at the year end [a+b-c]		3,501,391
<b>6 Micro Venture Innovation Fund- A/c SIDBI</b>		
a Balance as per last Balance Sheet	61,309,122	
b Income from advances and investments made on account of funds	4,426,520	
Net Balance at the year end [a+b]		65,735,642
<b>Total</b>		<b>76,672,783</b>

<b>Schedule : 3 - Current Liabilities and Provisions :</b>		
<b>Advances received for</b>		
- Innovator fellowship fund	6,700	
- Innovation Fund	14,000	20,700
<b>Sundry Creditors</b>		
Others		471,150
<b>Statutory Liabilities</b>		
TDS Payable		26,225
<b>Total</b>		<b>518,075</b>

**NATIONAL INNOVATION FOUNDATION - INDIA**

Regn.No.F/7412/Ahmedabad

**SCHEDULE FORMING PART OF BALANCE SHEET AS AT MARCH 31, 2011**
**Schedule : 4 - Fixed Assets :**

Nature of Fixed Assets	INR-Rupees								
	Gross Block			Depreciation					Net Block As at 31/03/2011
	As at 31/03/2010	Additions during the year	Deductions during the year	As at 31/03/2011	Up to 31/03/2010	Deductions during the year	Depreciation for 2010-11	Up to 31/03/2011	
<b>Computers &amp; Ancillary Assets</b>									
Computers	5,416,602	1,316,177		6,732,779	5,028,271		677,353	5,705,624	1,027,155
Networking equipment	413,548	128,640		542,188	170,645		210,806	381,451	160,737
Scanner	49,750	8,090		57,840	16,502		5,864	22,366	35,474
Software	1,492,159	627,602		2,119,761	1,389,055		327,295	1,716,350	403,411
<b>Furniture &amp; Fixtures</b>									
Furniture & Fixtures	1,214,727	113,201		1,327,928	512,596		78,663	591,259	736,669
Electrical Installations	69,610			69,610	20,974		4,864	25,838	43,772
<b>Office Equipments</b>									
Air Cooler	116,780	103,350		220,130	43,396		18,759	62,155	157,975
Balloon	35,438			35,438	11,754		3,553	15,307	20,131
Camera	640,666	95,680		736,346	294,513		66,275	360,788	375,558
EPABX System	66,888	60,900		127,788	42,536		12,788	55,324	72,464
Equipment	200,714	558,918		759,632	87,909		60,428	148,337	611,295
Fab Lab Equipment	1,614,676			1,614,676	121,100		224,036	345,136	1,269,540
Fax Machine	29,232			29,232	21,864		1,105	22,969	6,263
Fire Extinguisher	13,405			13,405	9,102		645	9,747	3,658
Photo Copying Machine	505,202			505,202	341,231		24,596	365,827	139,375
Public Address System	60,111			60,111	19,937		6,026	25,963	34,148
Refrigerator	24,510			24,510	11,672		1,926	13,598	10,912
Sony LCD	91,000			91,000	30,183		9,123	39,306	51,694
Tape recorder	33,125	8,602		41,727	19,482		3,336	22,818	18,909
Telephone/mobile Instrument	247,095	101,709		348,804	110,330		29,312	139,642	209,162
<b>Vehicles</b>									
Activa Honda	44,168			44,168	19,078		3,764	22,842	21,326
Bajaj Pulsar	68,289			68,289	29,496		5,819	35,315	32,974
Honda city		1,037,399		1,037,399			77,805	77,805	959,594
Tata safari		1,311,519		1,311,519			98,364	98,364	1,213,155
<b>Total</b>	<b>12,447,695</b>	<b>5,471,787</b>	<b>0</b>	<b>17,919,482</b>	<b>8,351,626</b>	<b>0</b>	<b>1,952,505</b>	<b>10,304,131</b>	<b>7,615,351</b>

**NATIONAL INNOVATION FOUNDATION - INDIA**  
**Regn.No.F/7412/Ahmedabad**

**SCHEDULE FORMING PART OF BALANCE SHEET AS AT MARCH 31, 2011**

		INR-Rupees As at March 31, 2011
<b>Schedule : 5 - Current Assets, Loans, Advances and Other Assets :</b>		
<b>1 Cash and Bank Balances</b>		
Cash Balance on hand		-
Balance with Banks		
In Saving Accounts		
- Kotak Mahindra, Vastrapur - SB A/c. No.762		3,189,368
In Current Accounts		
- Axis Bank, Vastrapur - A/c. No.1548	13,837,852	
- Axis Bank, Vastrapur - A/c. No. 8099	508,223	
- SBI, IIM - A/c. No.30379920229	290,921	
In Fixed Deposit Accounts		14,636,996
- From NIF funds	3,695,303	
- From MVIF funds	47,026,028	
		50,721,331
Total		68,547,695
<b>2 Loans, Advances and Other Assets</b>		
Advance recoverable in cash or in kind or for value to be received		1,997,061
Advances to Innovators from MVIF Funds [SIDBI]		17,706,127
Advance payment of Income Tax		837,326
Total		20,540,514
<b>Total</b>		<b>89,088,209</b>



**NATIONAL INNOVATION FOUNDATION - INDIA**  
**Regn.No.F/7412/Ahmedabad**

**SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT**  
**FOR THE YEAR ENDED ON MARCH 31, 2011**

INR-Rupees  
As at March 31, 2011

**Schedule : 6 - Interest earned :**

Interest earned on 8% Govt. of India saving bond		1,027,766
Interest on fixed deposits with banks		969,424
Interest earned on others		224,329
<b>Total</b>		<b>2,221,519</b>

**Schedule : 7 -Other Income :**

Administrative overhead recovery from CAPART Project		95,000
Miscellaneous Income		466,348
<b>Total</b>		<b>561,348</b>

<b>NATIONAL INNOVATION FOUNDATION - INDIA</b> <b>Regn.No.F/7412/Ahmedabad</b>		
<b>SCHEDULE FORMING PART OF INCOME AND EXPENDITURE ACCOUNT</b> <b>FOR THE YEAR ENDED ON MARCH 31, 2011</b>		
		INR-Rupees As at March 31, 2011
<b>Schedule : 8 - Establishment Expenses :</b>		
Consultancy Charges		873,226
Contractual Payment		2,391,044
Fellowship		4,430,547
Fellowship (NIF Cell- NE)		935,926
Salary and Wages		2,026,000
<b>Total</b>		<b>10,656,743</b>
<b>Schedule : 9 - Recurring Expenses :</b>		
<b>1 Business Development</b>		
Advertisement for Licensing	886,049	
Benchmarking and Market Research	1,469,329	
Clearing House / Workshops with Entrepreneurs	629,946	
Data Management /MIS (BD)	87,079	
Demonstrations (BD)	802,521	
Incubation Committee / Mentor Meetings	468,946	
Online Catalogues	58,612	
Student Involvement for Business Plans	352,881	
		<b>4,755,363</b>
<b>2 Dissemination &amp; Social Diffusion</b>		
Data Management /MIS (Dnsd)	87,079	
Demonstrations (Dnsd)	436,518	
Diffusion of Practices Through Farmers /media /KVK	863,893	
Exhibitions & Innovation exhibition	2,983,549	
Innovation Diffusion Centre	669,894	
		<b>5,040,933</b>
<b>3 IPR and Law</b>		
Data Management/ MIS (IPR & Law)	139,326	
Experts / Mentors Committee Meeting (IPR)	117,037	
Filing National Patent Applications	4,650,072	
Filling Trade Mark and Geographical Applications	442	
		<b>4,906,877</b>
Continue to next page...		

Continue from previous page...		
<b>4 IT &amp; Database</b>		
Computer Maintenance & Upgradation	121,771	
Database & Software Dev , Proof Reading	1,626,385	
Internet	367,409	
Online Applications(Incubation ,MIS, Travk Status)	34,815	
Website	274,486	
		<b>2,424,866</b>
<b>5 Scouting &amp; Documentation</b>		
Advertisement- Regional and National	2,017,357	
Collaborators	2,389,901	
Data Management / MIS (S&D)	201,990	
Experts / Mentors Meetings (S&D)	278,804	
Ignite (S&D)	689,376	
Sample / Prototype Collection & Identification	325,671	
Verification / Detailed Documentation	2,669,728	
Workshops and Publications	1,011,288	
		<b>9,584,115</b>
<b>6 Value Addition and Research &amp; Development</b>		
Administrative Exps- VARD	10,601	
Data Management /MIS (Vard)	190,653	
Experts /mentors Meetings (Vard)	885,910	
Prior Art Search, Validation of Innovations	6,255,490	
Testing of Prototypes / Products	6,193,628	
Value Addition and Product Development	9,300,636	
		<b>22,836,918</b>
<b>7 Award Function Expenses</b>		<b>46,431</b>
<b>Total</b>		<b>49,595,503</b>

<b>Schedule : 9 - Other Administrative Expenses :</b>		
Rent, Rates and Taxes		1,720,534
Bank Charges		216,119
Conveyance Expenses		84,013
Electricity and Power		258,660
G.C. Meeting Expenses		321,492
Insurance Expenses		19,430
Office Expenses		200,808
Postage Expenses		437,138
Printing and Stationary		592,383
Professional Charges		16,545
Recruitment Expenses		258,053
Repairs and Maintenance		93,183
Security Expenses		198,952
Telephone and Communication Charges		157,056
Travel Expenses		16,260
Vehicles Running and Maintenance		20,535
<b>Total</b>		<b>4,611,161</b>

NATIONAL INNOVATION FOUNDATION - INDIA

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ADVANCES A/c. MVIF PROJECTS		
	Rs.	Rs.
<b>North East Region</b>		
Arena Nut Peeling Machine	37500	
Automatic Pump Operator	1200	
Bamboo Strip and Strick Device	12767	
Bamboo Strip/Stick Making Machine	5028	
CIMAP Project	61964	
Dual Alaram Security Device	205140	
Egg Incubator (First Phase)	60000	
Electric Shock Proof Convertor	20485	
Garlic Peeling Machine	28900	
Amount lying with coordinating agency	383173	
Interlocking Bricks	24743	
Kerosine Stove	25283	
Muga Reeling Machine	20000	
Passion Fruit Juice Extractor	11107	
Pomegranate Deseeding	17000	
Rural Multipurpose Dryer	4250	
Usman Shekhani	14750	
Wing Turbine	17167	
Wood Apple Tea	17050	
Wood Carving Machine	8000	
Wood Cutting Machine	54767	1030274
<b>North Region</b>		
Automatic Parking Light	3500	
Bio Mass Gasifier	1354311	
Coil Winding Machine	7118	
Dharamveer- Multi Product Processing Machine	433835	
Film Projector	16472	
Fire Cracker Device	7000	
Amount lying with coordinating agency	15480	
Gurmal Singh Dhoshi- Compost Aerator Machine	403125	
Herbal Growth	162407	
HNP-Performance Enhancer for Petrol Engine- Harinar	175267	
Horse Shaver	19224	
Mannual Automatic Starter	6085	
Modified Solar Cooker	5047	
Multi Crop Thresher	1203050	
Multi Purpose Bicycle	10000	
Multi Seed Drill	445268	
Safety Valve for Stove	16000	
Stoves Testing	5500	
Tea Making Machine	30000	
Tile Making Machine	4500	
Trench Digger Machine	1310238	5633427

<b>Western Region</b>		
Bicycle Hoe	15000	
Bicycle Sprayer- Mansukh Jagani	5221	
Diesel Engine	25100	
Healthcare Chair	37390	
Jabbar Gear Project- Shaikh Jabbar	31221	
Jute Matchstick- Uttam Patil	10000	
Kerogas Stove	4847	
Key Way Making Device- Vijay Ghodake	12000	
Kite Sting Winder- Paresh Panchal	68925	
Mitticool Clay	1991	
Mitti Cool Clay- Mansukhbhai Prajapati	300000	
Motor Protection Device- Bharat Kamble	99846	
Multipurpose Agri Device- Gorakhnath Kespat	8000	
Scooter Mounted Paint Gun	52312	
Sickles- Kishorbhai Bhardwa	6600	
Stencil Cutting Device- Nazim Shaikh	100000	
Sugarcane Rotator	47486	
Tong Project	20500	
Amount lying with coordinating agency	-57181	789258
<b>BALANCE C/F</b>		<b>7452959</b>



NATIONAL INNOVATION FOUNDATION - INDIA

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	Rs.	Rs.		
<b>BALANCE B/F</b>		<b>7452959</b>		
<b>Southern Region</b>				
GIAN- CELL, SSIT	7240			
SEVA (Multipurpose Cooking Vessel-Abdul Razak)	43250	50490		
<b>Projects under direct supervision of NIF</b>				
Airkick Pump	3614			
A.N..Manoharan	14500			
A.N.Shukla	72375			
Appachan M- Coconut Climber	60969			
Ashokkumar- Wood Apple Jam	7556			
Automatic Portable Sprayer- Arvind Patel	1250			
Balramsingh Saini	11200			
Bamboo Agarbati Stick Making Machine	600000			
Battery Operated Spray- Lalit Surana	600			
B.Mohanlal- Marine Reversible Reduction Gearbox	1480000			
Buttonhole Sticking Machine- Anil R. Kamdar	200			
Chandrapal Singh	7000			
Clear Banana Alkali- Basanta Sharma	96050			
Cotton Stripper	3614			
C.V.Raju- Anything by HAnd	900000			
Dadaji Khobragade- DRK 2008 Paddy Variety	342800			
Deepak Bharali- Innovative Design Making Machine	1150000			
Dhiraj Thummar- Groundnut Variety	16000			
Director, SMIT- Ajooba Tube Light Frames	182032			
Double Acting Pump- Manubhai Jadeja	500			
Dr. K L Rao- Honeybee A P	84000			
Electrical Apparatus- Sudip Ghose	1000			
Ele. Generator- Abid Hussain	34515			
Herbal Growth Promoter- Ishwar Singh Kundu	37387			
Huma Toilet Cleaner- Md. Motin Ahmed	24000			
Imli Toshi Namu- Multi Use Hand Free Visor	13500			
Improved Multicrop Thresher- Madanlal Kumavat	500			
Improved Screw- Mahabir Chowbey	2200			
Intercom Device- Shitla Prasad Kori	3294			
Iron Mesh Making Machine- N. Indrakumar Singh	90000			
Jai Prakash Singh- Wheat Varieties	100000			
Jaydeep Mandal	615000			
Jayshree Industry- Sanitary Napkin	457500			
K Ligna Brahman	50000			
K P Chinnaswamy	33727			
K R Chandran			125000	
K S Sudheer			10000	
Mallesham- Laxmi Asu Machine			250000	
Manoharan			3000	
Mansukhbhai Jagani- Bullet Shanti			200000	
Manual Sprayer- Gopalbhai Jadeja			6369	
Manual Spray- Khimjibhai Kanadia			6370	
Md.Fajlul Haque- Paddy Thresher			704075	
Milking Machine- Raghava Gowda			319375	
Mohd Rozadeen- Pressure Cooker Operated Coffee Make			21000	
Mohd. Saidullah			16000	
Mujib Khan- Retrofitted Kit in Car for Physically C			460000	
Multipurpose Agri. Device- Gopal Bhise			1977	
Multi Purpose Ele Boiler- Pradeep Kumarar			1250	
Nageshwar Pandit			2850	
Oil Expeller Machine			3614	
Pollution Control Device- Birendra Kumar Sinha			75000	
Prakash Singh Raghuvanshi- Oryza Sativa			68000	
Prem Singh Saini- Phone Operated Switch			200000	
Radheshyam Sharma			5000	
Rajesh Deshmukh (Modified Solar Cooker			3500	
Rajesh T R			9000	
Rajkumar Rathore- Rich 2000			300000	
Rama Shankar Sharma- Modified Hand Pump			37000	
Safuruddin Kazi- Innovative Stove			25000	
Satish Deb			42000	
Solar Cooker- Shaikh Mohd. Nazim			2500	
Sugarcane Bud Chipper Device-Roshanlal Vishwakarma			167500	
Tukaram Verma			1800	
Vanraj Tractor			3615	
Yellow Fourier Technologies P.Ltd.-Indian Tea Makin			210000	
Amla Enterprise			95000	
Augustine Thomas- Electro Tyre Rethreading machine			100000	
Automatic Saree Border			110000	
GIAN- Cell (J&K)			120000	10202678
<b>TOTAL</b>				<b>17706127</b>

<b>Schedule IXC</b> <b>(Vide Rule 32)</b>		
<i>Statement of Income liable to contribution for the Financial Year 01-04-2010 to 31-03-2011</i>		
Name of the Public Trust:	<b>NATIONAL INNOVATION FOUNDATION - INDIA</b> Bungalow No. 1, Satellite Centre, Satellite Complex, Premchandnagar Road, Jodhpur Tekra, Satellite, Ahmedabad - 380015.	
Regn.No.	F/7412/Ahmedabad	
	INR-Rupees	
Gross Annual Income		
As per Income and Expenditure account	67,311,080	
As per Balance Sheet:		
Interest credited to MVIF A/c SIDBI	4,426,520	
<b>Total Gross Annual Income</b>		71,737,600
Details of Income not Chargeable to Contribution under Section 58 Rule 32		
(i) Donation received during the year from any sources		
(ii) Grants by Government and Local Authorities	0	
(iii) Interest on Sinking or Depreciation Fund		
(iv) Amount spent for the purpose of education	64,863,407	
(v) Amount spent for the purpose of medical relief		
(vi) Deductions out of income from lands used for agricultural purpose :		
(a) Land Revenue and Local Funds/Cess		
(b) Rent payable to superior landlord		
(c) Cost of production, if lands are cultivated by trust		
(vii) Deductions out of income from lands used for non-agricultural purpose :		
(a) Assessment, Cesses and other Government or Municipal Taxes		
(b) Ground rent payable to the superior landlord		
(c) Insurance Premium		
(d) Repairs at 8 1/3 per cent of gross rents of buildings		
(e) Cost of collection at 4 percent of gross rent of buildings let out		
(viii) Cost of collection of income or receipts from securities stocks etc.at 1 percent of such income		
(ix) Deduction on account of repairs in respect of buildings not rented and yielding no income at 8 1/3 per cent of the estimated gross annual rent		
<b>Total of Deductions</b>		64,863,407
<b>Income liable to contribution -</b>		<b>0</b>
For National Innovation Foundation	As per our report of even date For <b>Mukesh M Shah &amp; Co.</b> Chartered Accountants Firm Regn. No. 106625W	
Trustee		
Place : Ahmedabad	Partner	
Date : 18 July 2011	Chandresh Shah	
	Membership No. 42132	

**NATIONAL INNOVATION  
FOUNDATION INDIA**

**SCHEDULE: 11 - SIGNIFICANT  
ACCOUNTING POLICIES  
AND NOTES TO ACCOUNTS  
:**

**1. Significant accounting policies :**

**a) Basis of accounting**

The financial statements are prepared under the historical cost convention, on the accrual basis of accounting in conformity with generally accepted accounting principles in India ('Indian GAAP') as applicable, and the relevant provisions of the Bombay Public Trust Act, 1950 and in accordance with the guidelines on accounting for the central autonomous bodies, issued by Ministry of Finance. The accounting policies have been consistently applied by the Foundation; and the accounting policies not referred to otherwise,

are in conformity with Indian GAAP.

**b) Revenue recognition**

All income and expenditures are recognized on accrual basis except in case of specific and conditional Grants. The un-spent amount of such Grant is liable to be returned or re-directed as per the directions of the Donor organisations. Accordingly the unspent amounts as on the date of Balance Sheet are shown as liability. Government grants/subsidies are accounted on realisation basis.

**c) Fixed assets and intangible assets**

i. Fixed assets are stated at cost, less accumulated depreciation. Cost includes all expenditure necessary to bring the asset to its working condition for its intended use. Fixed assets acquired from grant are shown as

utilisation of grant in Schedule-2 in respective earmarked funds.

ii. Any loss or gain on exchange rate fluctuation attributable to fixed assets is adjusted to the cost of fixed assets.

**d) Depreciation and amortisation**

Depreciation is provided on the Written Down Value (WDV) at rates and in the manner prescribed in Appendix I to the Income tax rules, 1962.

**e) Investments**

The investments are stated at cost.

**f) Retirement and other employee benefits**

The foundation has not made any retirement benefits payable to the employees. The retirement benefits are accounted for as and when they become due and payable to the employees.

**g) Taxation**

