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डॉ० (श्रीमती) रीता कुमार

अध्यक्ष एवं प्रबंध निदेशक

(प्रमुख वैज्ञानिक, सी एस आई आर - आई जी आई बी)

Dr. (Mrs.) Rita Kumar

Chairman & Managing Director

(Chief Scientist, CSIR-IGIB)

नेशनल रिसर्च डिवेलपमेंट कारपोरेशन

[वे.ओ.अनु.वि. का उद्यम, विज्ञान एवं प्रौद्योगिकी मंत्रालय भारत सरकार]

National Research Development Corporation

[An Enterprise of DSIR, Ministry of Science & Tech., Govt. of India]

20-22, जमरूदपुर कम्युनिटी सेंटर, कैलाश कालोनी एक्सटेंशन, नई दिल्ली-110048 भारत

20-22, Zamroodpur Community Centre, Kailash Colony Ext., New Delhi - 110 048 INDIA

No.NRDC/GCN/2013

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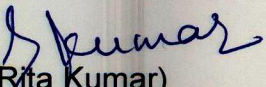
H.E. Ban Ki-moon
Secretary-General
United Nations
New York, NY 10017
USA

Dear Mr. Secretary-General,

I am pleased to confirm that National Research Development Corporation supports the ten principles of the Global Compact with respect to human rights, labour, environment and anti-corruption. With this communication, we express our intent to advance those principles within our sphere of influence. We are committed to make the Global Compact and its principles as part of the strategy, culture and day-to-day operations of our company, and to engage in collaborative projects, which advances the broader development goals of the United Nations, particularly the Millennium Development Goals. National Research Development Corporation will make a clear statement of this commitment to our stakeholders and the general public.

We recognize that a key requirement for participation in the Global Compact is an annual submission of a Communication on Progress (COP) that describes our company's efforts to implement the ten principles. We support public accountability and transparency and therefore commit to report on progress within *one year* of joining the Global Compact, and *annually* thereafter according to the Global Compact COP policy.

Sincerely yours,


(Dr Rita Kumar)
Chairman & Managing Director

NRDC – Communication on Progress

National Research Development Corporation is dedicated to the promotion, development and commercialization of new technologies. Charter includes technical, commercial and financial measures needed for closing gaps in the innovation chain through which an idea, invention or process is converted into a product in the market. Technology must suit local needs and to make impact, must give constant thought to even small improvements which could make lives better and cost effective. Some of the promotional societal activities contributing to broad-based development leading to sustainable growth are :

Promotion of Rural and Household Technology

The Corporation is networking with developmental agencies viz; NGOs, Academia etc. and supporting their endeavor in taking up technology based projects in rural and backward areas, so that, local manpower and resources can be optimally utilized and employment generating activities may get a boost. The Corporation during 2011-12 provided support to the capacity building activities of :

- (i) Rural Development Organization (RDO), Tirupathi in promoting Azolla Pinnata feedstock for efficient and cost effective bio-gas production in Tirupathi area
- (ii) Adhar, Kanpur for upgrading the skills of women SHGs for fabrication of water remediation kit for removal of chrome-VI from drinking water and enhancing their income in Kanpur
- (iii) Women Education Development Social Service Trust (WEDSST), Tanjavur (Tamil Nadu) and Mathi Foundation, Dindigul (Tamil Nadu) for women skill upgradation programme on design and assembly of inverter
- (iv) Technology Informatics Design Endeavour (TIDE), Bengaluru for upgrading the skill of Women SHGs for value addition in brick making by way of construction and use of innovative low cost brick kiln (LCBK)
- (v) People's Institute for Development and Training (PIDT), New Delhi for conducting workshop cum Training Programme on Traditional Terracotta in Deogarh, Jharkhand for local artisans.

New Initiatives During The Year

All out efforts are being made to expand the area of operations of the Corporation. Services of a few experts and consultants are being utilized to avail higher degree of technical expertise for evaluation and value addition of various technologies. The Corporation continued its efforts in the cluster development programs in the initially identified two sectors, viz., sericulture and dairy.

Cluster Development Programs

The Corporation continued its efforts in the Cluster Development Programs in diverse sectors, viz., Sericulture, Dairy and Coir.

A. Sericulture Cluster Development

Keeping in view of the past successes in bringing overall development of the Sericulture farmers through Cluster approach, this year Corporation has funded the following two proposals from the organizations under the Central Silk Board for carrying out development programs on cluster approach :

- (I) Establishment of Chawki Rearing Centres (CRC)with National Silkworm Seed Organization (NSSO),CSB, Bengaluru as implementing agency with a budget support of ₹ 3 lakhs for establishing two CRC.

- (II) Demonstration and Transfer of Technologies on Spinning, Mounting and Cocoon Harvesting to Improve the Quality of Mulberry Silkworm Cocoon with Central Sericultural Research and Training Institute (CSR & TI), CSB, Mysore as the Implementing Agency with a budget support of ₹ 2 lakhs.

B. Coir Cluster Development

The Corporation has given financial assistance of ₹ 15 lakhs in 2009-10 to CCRI for fabrication of Anupam Looms and distributing to the Cooperatives. CCRI has fabricated three looms and one has been demonstrated to M/s. Chirayindkeezh–Anjengo Coir Mats & Mattings Cooperative Society, Muttappalam, Trivandrum. Other two looms are ready for demonstration and planning for distribution to Cooperatives. One more loom is being planned to distribute to Coir Cooperative. The demonstration and training of the looms shall propagate usefulness of the new looms and ultimately result in more use of the looms and enhance the productivity and quality of the products.

Social Responsibility Of Business Enterprise

Apart from the transfer of eco-friendly technologies to the industry vigorous efforts are being made to meet the social responsibility by the Corporation. The initiatives being taken for Gender Development and Regional Balanced Development in the country were continued during the year :

A. Programme for North-Eastern States

The following programmes were carried out in the North East states to improve productivity, employment, livelihood especially that of women, unemployed youths and facilitate new avenues of employment generation and income generating activities. During financial year 2011-12 the following programmes were undertaken successfully in different sectors :

- I. Skill development training programme on handloom weaving for unemployed youth of NER at Kumarghat in Tripura.
- II. Development of high land water harvesting for drinking and pisciculture-cum-irrigation reservoir using plasticulture technology in Dimapur, Nagaland.
- III. Skilled Development Programme on Computer Training at Diyun in Changlang District, Arunachal Pradesh.
- IV. Food/Fruit Processing for unemployed youths of NER at Karimganj, Assam.
- V. Women's Empowerment Programme on Kauna Crafts at Thoubal District, Manipur.

B. Women Entrepreneurship Development Program (Gender Development)

The Corporation has been carrying out Women Entrepreneurship Development Programme (WEDP) with an objective to empower women by improving their economic status and bringing them into the mainstream of development through entrepreneurship development programmes. The program was aimed at promoting, inspiring and encouraging women students at different levels from various universities/colleges to take up entrepreneurship to empower themselves. The program covered various topics on entrepreneurship development. How to write project report, Role of DIC, MSME, success stories by women entrepreneurs. Schemes available with financial institutions/banks, technologies appropriate for entrepreneurship, etc. Identified women of all sectors including economically backward class women were given skill training on need based technologies to improve their standard of living by increasing their earnings. For the financial year 2011-12, the Corporation, successfully conducted WED programmes at eleven different

Universities/Colleges. These are: Maharshi Dayanand Saraswati University, Ajmer, Assam University, Silchar, Assam, Mahatma Gandhi Chitrakoot Gramodaya Vishwavidyalaya, Chitrakoot, Satna, M.P., Bengal Engineering & Science University, Shibpur, Howrah, Netaji Subhash Chandra Bose Govt. Girls Degree College, Lucknow, Sikkim Manipal Institute of Technology, Rangpo Sikkim, University of Agricultural Sciences, Bengaluru, Acharya Nagarjuna University, Guntur, A.P., Gurukul Kangri University, Dehradun, Juhri Devi Girls Post Graduate College, Kanpur and about 1200 women benefited. The Corporation has also conducted skill development programs for women. The various programs carried out in the field are skill development program in bakery production; fruits and vegetable processing and preservation; jute products; fabric work at Lucknow and Muzaffaranagar, U.P., wherein about 80 number of women attended. The Corporation also conducted workshop on low cost sanitary napkins at Lady Irwin College, University of Delhi, Delhi and training was given in 5 batches of 12 women each, wherein about 60 women were trained. The training was given to women students/groups/NGOs. The above programs were covered in 26 newspapers including leading and local newspapers. The program also helped to identify new technologies developed by various universities/colleges for commercialization through the Corporation.

Strengthening the Technology Base

NRDC has forged strong links with scientific and industrial institutions in India and abroad. The Corporation has formal arrangements with many of the major R&D organizations/universities, technical institutions. These institutions are primary sources of information for the marketable technologies available for setting up of new industries thus giving rise to the availability of quality product to the common masses and in turn leads to employment generation.

Technology Protection

Intellectual Property Facilitation Centre (IPFC)

NRDC & MoMSME jointly sponsored Intellectual Property Facilitation Centre (IPFC) at NRDC Regional Office, Bengaluru was approved in December 2010 with a total budget of ₹ 100 lakhs (MSME : NRDC 65:35). A Steering Committee for IPFC Project was formed which met on February 3, 2012 at NRDC Regional Office, Bengaluru and discussed the future course of action to be taken in the NRDC-MoMSME IPFC project. The procurement of items for the project was initiated. One laptop, two desktops, one scanner, one laser printer and a web-based patent analysis software were procured with a budget of ₹ 5 lakhs to start the IPFC immediately. The remaining equipment, software, furniture & fixtures, interiors, etc will be taken up in the coming financial year. The centre has started functioning and formal inauguration is being planned. The plan of action for the implementation of the IPFC project has been chalked out and is being put in to action.

Creating Awareness by Publications

The Corporation continued to publish its Hindi monthly science magazine "Awishkar". The publication is aimed at fostering the spirit of inventiveness, innovativeness and entrepreneurship amongst the students, scientists, budding entrepreneurs etc. and creating scientific awareness in the masses by disseminating information on S&T topics. Some of the important topics covered are nuclear reactor and radiation, Aakash-Tablet computer, Green Chemistry, Pigeon Genome-discovered by Indian Scientists.