

II-I. TECHNOLOGY DEVELOPMENT AND UTILIZATION PROGRAMME FOR WOMEN

1. PREAMBLE

The Gender Cell has been set up as per the guidelines/ circulars issued by the Ministry of Finance for promoting gender budgeting and steps have been taken to enhance the share of women in respect of beneficiary oriented schemes and launched a Technology Development and Utilization Programme for Women (TDUPW). The programme is aimed to meet specific needs of women and to enhance their contribution towards technology capability building. The objectives of the programme are:

- Promoting the adoption of new technologies by women
- Awareness creation and training of women in various technologies
- Technological up-gradation of tiny, small and medium enterprises run by women entrepreneurs
- Showcasing of appropriate technologies and organizing demonstration programmes for the benefit of women

2. ACTIVITIES

Some of the projects taken up under the programme during the year are listed below:

Impact of the information and Communication Technology on Women Employment in Kerala

The proposal of the Centre for Development Studies, Trivandrum aims to study the Impact of Information and Communication Technology on employment of women in Kerala. The study is with respect to micro enterprises managed by poor women groups

called Kudumbasree. The study would also examine the factors conducive to capacity building in these enterprises in terms of training, management, financial accounting etc. to make them competent to meet customers demand.

An Action Research on Diffusion of Farm Technologies to Farm Women through User-friendly Interactive Multimedia Compact Disc

The proposal of the Department of Agril. Extension and Rural Sociology, Agricultural College and Research Institute, Tamil Nadu Agricultural University, Madurai, is to study and document the technical know-how required by women farmers in different ecosystems through participatory approach, and to develop a user friendly Interactive Multi-media Compact Disc (IMCD) on identified agricultural technologies.

Economic Development of Women SHG member of Talala Taluka in Junagarh District

The proposal from Saurashtra Economic Development Centre, Junagarh intends to provide technical and entrepreneurial development training to 300 members of the women SHGs to take up income generating activities. Training on Electrical, Electronics equipment repairing and Aribharat Embroidery machine technology will be imparted. The duration of the project is one year.

Technological Sustainability of Women Entreprises under Kudumbasree Programme of Kerala

The project of Centre for Tropical Studies, Trivandrum, is aimed at assessing the sustainability of technologies used by the

Kudumbasree micro enterprises and their knowledge of and accessibility to related modern technologies in selected districts of Kerala. The duration of the project is 15 months.

Status of Women Entrepreneurship in Andhra Pradesh

The project by the National Institute of Small Industry Extension Training (NISIET), Yousufguda, Hyderabad aims at studying the demographic profiles, motivational factors, behavioral competencies and problems of women entrepreneurs in Andhra Pradesh and to suggest a policy framework for promoting women entrepreneurship in the state. The duration of the project is 12 months.

Rural Women and Technology in Karnataka: A comparative Study of Selected Districts in South and North Karnataka

The project of Mahatma Gandhi Memorial College, Udipi, Karnataka aims to identify linkages between women's roles, responsibilities and use of technology by rural women, to explore the ways in which women use their knowledge and skills to develop, modify and adapt the techniques and technical processes in which they are involved, to examine the links between indigenous and modern technologies in relation to gender considerations and to find out whether locally available indigenous technologies are appropriate to the living conditions of rural women etc. The project can contribute to a greater understanding of the linkages between women's roles, responsibilities and their use of technology. The duration of the project is 2 years.

Technology Adoption and Utilization Programme for Women in Handicraft Sector (TAP HAND)

The implementation of this proposal from Kerala Rural Development Agency (KRDA), Kollam, Kerala would facilitate the adoption

in Coir Technology, dye making among 1000 women craftsmen in Screwpine Craft in Kerala and shall build up capacity and awareness of the craftsmen engaged in the above said handicrafts activity. The duration of the project is 12 months.

Upgrading indigenous technology for preparation of herbal products as home remedies and food supplements by encouraging sustainable cultivation, conservation and propagation of medicinal plants involving rural women of West Bengal

The project of Ramakrishna Mission Ashram, West Bengal aims to survey and document a) herbal wealth b) related available indigenous knowledge and c) prevalence of human disease of the targeted localities; Development of suitable technology using principle of organic farming for cultivation, propagation, conservation of some for the locally available as well as newly introduced medicinal plants for use in prevention and cure of human diseases; upgrading the existing technology for preparation of compost, vermicompost and plant based biopesticides and encouraging the targeted women to adopt those for achieving the organic farming and encouraging cooperative farming and entrepreneurship basing on plant women partnership for marketing the herbal raw material/ products for additional income generation.

Propagation of Technologies & Development of Micro Enterprises by Women in Andhra Pradesh, Orissa & Kerala States

The project of APITCO Limited, Hyderabad, relates to conduct a pilot study to identify technologies available with different CSIR labs and other institutions and viable investment opportunities for setting up of

Micro & Small Enterprises among the women entrepreneurs.

Training –cum-Workshop on Development of Modern Educational Training Kits for Women Consultancy Cells

Under the project, the Electronic Research Development & Facilities (ERDC), Ambala, Cantt, would provide 6 months training in a practical oriented workshop to 120 women science graduates/ diploma or +2 Science, so that they are fully trained to take up the tasks related to modern educational training kits used in polytechnics, Science & Engineering Colleges and Research institutions.

Farm and Non-Farm Sector Employment and Tribal Women- A Socio Economic Analysis

The project of the Directorate of Research, Dr. Y. S. Parmar University of Horticulture and Forestry, Solan (HP) aims to study the gender wise employment status and pattern in Farm and non – farm sectors.

Training of Women in Computer Aided Drafting Package and Microsoft Office Software

The project of Bannari Amman Institute of Tehcnology, Sathyamangalam, Tamilnadu is to train women to increase their participation in technical jobs.

Empowering Women through Entrepreneurship Development

The project of the MITCON is for empowering the potential of women entrepreneurs through scientifically designed training programmes in 3 districts of Maharashtra. The vocational courses would be conducted in the areas of food processing, bakery, gem and jewellery and herbal cosmetics. The duration of the project is 2 years.

Identification of Gaps in Technology Utilization and Training for the Development of Rural Women - A Study in Andhra Pradesh

The proposal from the Council for Social Development, Hyderabad is to identify the industries in which women can easily adopt improved technologies, assess the existing gap in the present state of technology and prepare a training module and conduct training programmes for the benefit of rural women.

Propagation of technologies on water conservation and waste disposal through women group

The Proposal submitted by Rajagiri Out REACH Service Society, Kochi, Kerala aims at training women on waste management, rain water harvesting and propagation of biogas and rain harvesting technology to women.

Technology transfer for fruit and vegetables processing for women groups for small entrepreneurship development in the villages of border area of Uttranchal hills

The proposal received from Society for Environment & Employment Development (SEED), Uttarkashi, Uttaranchal aims at organizing village women of border area of Uttaranchal in groups for transfer of technology for fruit and vegetable processing packaging of product and marketing and small entrepreneurship development for income and employment generation.

Impact of globalization and adoption of new technology on silk industry in Assam: An assessment from gender perspective

The proposal received from IIT Kharagpur, aims at studying the impact of globalisation and adoption of new technology on silk industry in Assam. It also proposes to assess the level of technology, wage structure, pattern of income, training, healthcare and

other facilities with special reference to women before and after elimination of textile quota restrictions. The research aims to identify the factors crucial for the adoption of technology, and development of women entrepreneurs in the state.

Training program for metropolitan unemployed women to establish their own consultancy cells for food processing and quality control

The main objectives of the proposal received from Mustard Research and Promotion Consortium (MRPC), New Delhi are to create a large pool of trained women workforce with experience in analyzing food quality, to encourage women participation in food processing industries and to help women in building up of a professional network, so that, they can setup their own food processing and quality analysis consultancy cells.

Primary processing and value addition of sweet potato and yams for self employment generation by women

The main objectives of the proposal received from Central Tuber Crops Research Institute (ICAR), Thiruvananthapuram is focused research on three aspects, ultimately leading to the perfecting of technologies that can

benefit women to start small agri-business ventures. Two of the unexploited root crops viz., sweet potato and yams have been included in the study, considering the large scale global awareness and utilization of the crops for product development for combating malnutrition and vitamin-A deficiency. The positive attributes of sweet potato like high carotene, calcium etc., and those of yams like high density dietary fibre will be exploited to develop products that can capture the health conscious Indian markets.

Sensitization / Awareness Programmes of Technology Development and Utilisation Programme for Women (TDUPW)

DSIR has organized six one day Sensitization / Awareness Programmes of Technology Development and Utilisation Programme for Women (TDUPW) in coordination with various Institutes/ Universities/NGOs, in different regions of the country, during 2007-2008. It is hoped that the Sensitization Programme would enable the participants in taking advantage of all the schemes and programmes of both the Central and State Governments, financial institutions and other agencies and we shall go ahead to build a new India with gender equality and productive women power



Women Entrepreneur - Ramacham Products - Malappuram



Training of women for construction of mobile biogas plant under the project "Propagation of technologies on water conservation and waste disposed through women group".