

**CENTRE FOR RESEARCH AND DEVELOPMENT
(CRD)**



**ANNUAL REPORT
2020-2021**

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Foreword

Centre for Research and Development (CRD) is a Non Profit Organization Registered under Societies Registration Act XXI of 1860 and has been active in the field of development with various activities since 2002. CRD works in close association with Developmental Agencies under various programmes and schemes aiming at sustainable development.

Major programmes of the organization consists of planning, executing and monitoring of natural resources management programmes including watershed, climate proofing, springshed based watershed development, drinking water & sanitation, livelihoods, entrepreneurship development, tribal development, health and promoting farmer producer organizations.

CRD has a meritorious record of performance as the Resource Support Organization (RSO) of National Bank for Agriculture and Rural Development (NABARD) for its holistic watershed development projects in Kasaragod district, Project Implementing Agency (PIA) for Watershed Projects under Western Ghats Development Programme (WGDP) of the Government, Technical Support organization for the centrally sponsored Integrated Watershed Management Programme, Nodal Agency for Pilot Project for Integrated Development (PPID) of NABARD for Manjeshwram Block and Project Facilitating Agency (PFA) for NABARD sponsored Watershed Projects & Springshed development Project, Project Implementing Agency for TDF project of NABARD and Support Organization for Jalanidhi (World Bank supported Drinking Water and Sanitation Project of Government of Kerala) in Balala Gramapanchayath of Kasaragod District.

We conduct Capacity Building Training and exposure Programmes for various stakeholders like Grama Panchayat Representatives, Watershed Development Team, Village Watershed Committees, Watershed Community, Farmers and Tribal community. Number of Information Education and Communication materials on watershed related aspects, climate adaptive agriculture, organic farming practices, farmer producer organization, tribal development, etc to suit the requirements of various stake holders.

CRD has an impressive track record of meaningful association with Research & Development institutes in the areas of Research & Development Studies, Trainings, NRM programmes, etc. We do have ample experience in preparing Detailed Project Reports under various Schemes for various stakeholders. We have to our credit a qualified and trained team of staff from various disciplines.

The report on activities for the year 2020-21 will give details of the activities implemented by us during the reporting year. We place on record our sincere thanks and gratitude to various collaborating and supporting Agencies/Institutions and of course the community in our programme areas.

Director

Organizational Profile

1) The Institution:

Centre for Research and Development (CRD), a Registered Society, started to function in the year 2002 by a group of professionals committed to social development. It was formally registered with the Government under SR Act in 2005. CRD works in association with Government, PRIs, other Development Agencies & Institutions. CRD is registered in Darpan portal of NITI Ayog of Government of India.

Legal status:

- Registered under Societies Registration Act XXI of 1860 – No. 528/05
- Registered under section 12A of the Income tax Act.
- Registered under the FCRA Act, 1976 of GOI – No. 052920008
- Income tax PAN (Permanent Account Number) – AAATC8030G
- TAN (Tax Deduction Account No) – CHNC03719C
- Registered under 80G of the Income Tax Act with No. AAATC8030GF20218

3) Vision, Mission and Objectives

3.1) Vision: “Empower the communities capable to generate sustainable development”

3.2) Mission: “To facilitate and support the individuals, groups, communities and organisations through ongoing analysis of situations and planning & implementing developmental programmes based on the principles of sustainability”.

3.3) Objectives:

- To promote result oriented participatory learning, planning, implementation, monitoring and evaluation of developmental programmes
- To promote initiatives for conservation and management of soil, water, biomass, climate resilient agriculture and livelihoods
- To facilitate studies and action researches
- To strengthen decentralization and local self governance process
- To promote and facilitate human and institution development process

4) Recognitions/Accreditations

- ❖ **Organisation to provide Technical Support for the implementation of Integrated Watershed Management Programme (IWMP):** Commissionerate of Rural Development, Government of Kerala has approved CRD as Organisation to provide Technical Support for the effective implementation of Integrated Watershed Management Programme (IWMP) in the State in accordance with the Common Guidelines of Government of India. CRD has been appointed by Parappa & Karadka Block Panchayats (PIAs) as TSO for its IWMP Projects.

- ❖ **Resource Support Organization (RSO) for NABARD:** NABARD has appointed CRD as RSO for its Holistic Watershed Development Projects in Kasaragod DT. The Project covers 35 Watersheds spread across five Block Panchayats in the District, covering a total area of 30351 Hectors in 22 Grama Panchayats.
- ❖ **Project Implementing Agency for WGDP Watershed Projects:** Planning and Economic Affairs Dept, Government of Kerala has approved CRD as Project Implementing Agency (PIA) for Western Ghats Development Programme (WGDP) of Planning Commission, Government of India. So far, CRD is associated with planning, implementation and monitoring of 11 Watershed Projects under WGDP. Considering the augmentation of ground water table as a result of implementation of 4 watershed projects, Madikkai Grama Panchayat has been awarded Bhumijal Samvardhan Purskar for the year 2007, instituted by Central Ground Water Board, GoI. CRD was the Support Organisation appointed by Madikkai Grama Panchayat for the implementation of these 4 Watershed projects.
- ❖ **Support Organisation (SO) for JALANIDHI Project of the Government of Kerala:** “JALANIDHI” Project under the Department of Water Resources of Government of Kerala has selected CRD as the SO for implementing Community Drinking Water Scheme in Gramapanchayats. Now CRD is acting as the SO for Balal Gramapanchayat in Kasaragod DT.
- ❖ **Worked as Service Provider to PRIs in Kerala in the area of sanitation activities:** CRD has been empanelled by the Local Self Government Department (LSGD) of Government of Kerala as service provider to PRIs in Kerala in the area of sanitation activities.
- ❖ **Implementation Support Agency (ISA) for Jal Jeevan Mission Project:** Kerala Rural Water Supply and Sanitation Agency (KRWSA) of Government of Kerala have empanelled CRD as ISA for the centrally sponsored Jal Jeevan Mission Project in Kerala.
- ❖ **Designated Organization of IRMA:** Institute of Rural Management (IRMA) Anand has included CRD in the list of Designated Organizations.
- ❖ **Producer Organisation Promoting Institute (POPI):** NABARD had approved CRD as POPI for promoting and nurturing Farmer Producer Organisations.
- ❖ **Project Implementing Agency for Tribal Development Project of NABARD** in Aralam Tribal resettlement area of Kannur district
- ❖ **Project Facilitating Agency for Springshed based watershed project of NABARD** in Kundaram Springshed area of East- Eleri GP , Kasaragod district
- ❖ **Project Facilitating Agency for NABARD for its Kfw (German Govt. Bank for Development and Cooperation) supported 5 soil projects (Climate proofing)** in Kasaragod district

5) Key intervention areas:

- Watershed Management
- Climate proofing
- Climate resilient agriculture
- Springshed based watershed development

- Tribal development
- Drinking water and sanitation
- Research and Development
- Community Health and sanitation
- Livelihood and Entrepreneurship Development
- Panchayathi Raj and Decentralization
- Human Resource Development

Activities undertaken during 2020-21

1. Integrated Development of Tribal Families in Aralam Tribal Resettlement Area

We have been implementing programme for the integrated development of Tribal families in Aralam Tribal Resettlement area of Kannur district under Tribal Development Fund of NABARD. The first phase of the project covering 598 families started in 2016 and the second phase covering 500 families in 2018. Physical implementation of the first phase project came to an end in the reporting period.

The project activities are being carried out in a community participatory approach. So far 69 groups were formed in the project area. It includes 28 Self Help Groups (SHGs) & 6 Joint Liability Groups (JLGs) in phase 1 and 35 SHGs in phase 2. Savings of the group comes to (including thrift and amount released towards labour cost which is credited to bank account of the groups) Rs. 5137445/- . Out the total groups, 20 have availed bank loan under linkage banking programme for productive activities like crop cultivation. Village Planning Committees separately for phase 1 and 2 are coordinating the project activities under the technical support from CRD. Various training and capacity building programmes like bee keeping, rural compost making, and goat rearing were organized for the community.

Activities carried out

- **Marketing centre:** The marketing being operational in the area has collected products from the farmers with fair price and sold out through its outlet at Kakkuva. The centre has coordinated collection and sale of cashew nut of the tribal farmers. It was carried out through Aralam Service Cooperative Bank during the COVID-19 lock down period (April- May). Bank collected the cashew nuts at the Marketing Centre. This coordination by the Marketing Centre was a timely help to the farmers during lockdown period. The centre also marketed banana and other short term crops during the period by engaging marketing tie-ups with HORTICORP and FPOs. It also started collecting and marketing of goats from the farmers. The farmers received fair price for their produces by selling through the Marketing Centre.

Tailoring Centre and the tribal products



- **WADI crop cultivation (Main crop):** coconut, arecanut, cashew and pepper are the WADI crops implemented.

WADI



Livelihood programmes: Various livelihood programmes such as goat rearing unit, turmeric cultivation, medicinal plant cultivation units and Backyard poultry units were implemented

Livelihood activities



- **Lease farming:** Lease farming activities were implemented through the groups. Cultivation of banana, vegetable, sesame, tuber, turmeric, paddy, etc was implemented under lease farming.

Lease farming by Mathruka SHG



- **Agriculture Nursery and Organic manure production:** To supply to the farmers, seedlings of various crops and organic manure agriculture nursery was installed and organic manure was produced in the area by the tribal groups.

Agriculture Nursery



- **Water resources development:** To conserve water check dams, gully plugging, lift irrigation schemes for supply of water for critical irrigation, spring development programme , well protection wall were implemented

Spring and well protection work



Water conservation



- **Inauguration of community irrigation schemes and distribution of honey box**

6 community irrigation schemes in phase I was implemented for ensuring critical irrigation. Smt. P T Usha, DGM of NABARD inaugurated the community irrigation schemes on 07 December 2020. She also distributed honey box to the families. DDM NABARD Kannur also attended the programme.

DGM Inaugurating the Community Irrigation scheme



- **Other activities:** Community irrigation schemes, dolomite distribution, vegetable seed bank programme, skill development programmes, veterinary extension training to the group, agriculture and livelihood training & exposure programmes were conducted. During the reporting period, we have submitted a proposal to NABARD for a rural mart for the tribal community.

1) Climate Proofing Project

NABARD under its KfW (German Government Bank) soil project supported Climate Proofing Project in Banatpadi, Mugu, Kunjar, Cheripadi and Pettikuuundu of Kasaragod district 5 of the Kasaragod district. In the reporting period, we have started physical implementation of the activities.

Major Activities implemented

We have implemented activities such as permanent check dam construction, madakkam formation, well recharging units, pond construction, pallam conservation, livelihood activities like desi poultry rearing, goat rearing, etc in various watersheds. As there were severe restrictions due to surging covid -19 cases, we could not accelerate the capacity building training programmes. Few trainings and VWC meeting have been conducted online.

Stone pitched pond, check dam and well recharging



Before after work of Paddy Field Bund



Madakkam and water storage structures



Soil health card distribution

Under the soil project we have tested 500 soil samples and the soil health card with recommendation was distributed to the farmers. The programme was inaugurated by Sri. R Shankar NARayan, GM of NABARD in a function at Badiadka on 09 February 2021.

GM inaugurating soil health card



‘Ente Maram (My tree) Selfie Challenge’ programme through local resource mobilization – A success in environment protection

In the month of June 2020, CRD jointly with VWCs have implemented ‘Ente Maram (My tree) selfie challenge’ programme, as part of world environment day observance. The families from the Soil project areas have planted tree saplings during 05-10 June 2020 by mobilizing the saplings, preferably fruit trees, on their own and send the photographs of planting to the VWC. An online training was given to the VWCs by CRD covering various technical aspects of tree planting and its care, on 05 June 2020.

Altogether 339 families (23 percent of the total families) have participated in the programme and planted 1503 plants of fruit trees, medicinal plants, plantation crops and timber value trees. The VWCs selected 5 best planting photographs and forward to CRD for best selfie award.

Banatpadi VWC with highest number of trees (606) planted won the ‘Falasubhiksha’ Award. The award was presented to the VWC leaders on 01-07-2020 by Dr. Sajith Babu IAS, District Collector Kasaragod in a function at Collectorate.

District Collector presenting ‘Falasubhiksha’ Award



Best selfie award was given to Ms. Poornima P from Mugu watershed who planted 26 plants. One person each from other 4 watersheds was given watershed level winner award. Ms. Suma from Pettikundu planted 78 numbers of plants which is the highest by a single person. All the VWCs were presented mementos to recognize their active participation. The programme motivated the VWC and community to do crop cultivation such as paddy, tuber crops, vegetables, tapioca, as a follow-up of it.



Saplings when planted on 05 June 2020 Status on 22 March 2021



2) Kundaram Springshed based watershed Project

CRD is implementing springshed based watershed project in Kundaram area of East-Eleri GP, Kasaragod district with NABARD support. It is a pilot project of NABARD in Kerala. On successful implementation of pre-project implementation phase, NABARD had sanctioned the DPR for full implementation project wide its letter dated 06 August 2020. We have started implementation of various components like spring protection works in the reporting period.

CGM of NABARD Dr. P Selvaraj inaugurating the project- 22February 2021



Spring protection and well recharging activities implemented



3) Watershed Projects

We have been implementing two watersheds under Western Ghats Development Programme viz. Parakkol- Keekkanam in Kinanoor karinthalam Gramapanchayyath and Koodanam in Pullur – Peria Gramapanchayyath in Kasaragod district. During the reporting period due to fewer funds released from the government, we could not implement much of the activities.

4) Farmer Producer Organizations

CRD has formed 6 FPOs. Gramalakshmi Marketing producer Company, Tulunadu Farmer Producer Company Limited, Ksheera Farmer Producer Company Ltd in Kasaragod district and Anthoor Vegetables and Fruits Farmers Producer Cmpny Ltd, Kurumathur

Honey and Innovators Farmer Producer Company Ltd and Kera Coconut & Agri Farmers Producer Company Ltd in Kannur district are the FPOs formed and nurtured by CRD with NABARD support.

During the reporting period, these FPOs have undertaken various activities like input production/supply, processing activities and marketing of the produces. Annual General Body meetings and PIMC of the FPOs were conducted.

Onam Kit distribution

Gramalakshmi and Anthoor FPOs have distributed Onam Kit with various food articles during Onam season, with NABARD support.



Organic compost production by Thununad FPO



5) Capacity Building training and Webinar programmes

As Covid -19 related regulations were in existence, we could not some of the training programmes in person. Many were organized virtually.

Webinar on possibilities and prospects of FPOs

On 20 August 2020, we have conducted a webinar on possibilities and prospects of FPOs for the NGOs/FPOs/Farmers. Dr. Sunil Raghavan led the programme. DDM NABARD Kasaragod and Kannur were the chief guests.

District level Training of Trainers (ToT) on Climate Change and Climate adaptive Agricultural practices

We have conducted 2 District level ToTs on Climate Change and Climate adaptive Agricultural practices on & mitigation practices on 08 February 2021 and 28 March 2021 at Badiadka, with the support from CCF of NABARD. Around 80 selected persons from various watersheds and PFAs attended the programme. The ToTs were conducted on 09 February 2021

Sri. R Shankar Narayan, CGM of NABARD inaugurating the ToT



6) Technical Agency for TRIFED for its SFRUTI project

CRD has been empanelled by TRIFED of the Ministry of Tribal Development of Govt. of India in the reporting period. As part of it we have conducted field level study during first week of March 2021 in Thirunelly honey based tribal cluster, to prepare Detailed Project Report

7) Virtual Field Work Collaboration with Mac Evan University of Canada

During November- December 2020, we have collaborated with Social Work Department of Mac Evan University, Canada for virtual field of the social work student of the University.

8) Empanelled as Implementation Support Agency (ISA) for Jal Jeevan Mission (JJM) Project

CRD has been empanelled by JALANIDHI of Government of Kerala as one of the ISAs for implementing the IEC components of the centrally sponsored JJM (Drinking water project) in Gramapanchayaths.

9) Micro Insurance Programme

The Micro Insurance programme in collaboration with LIC Kozhikode division is being implemented.

10) E-Shakti programme

We are taking part in the Digitisation programme of SHGs under E-Shakti programme of NABARD. All our tribal SHGs are registered in it and the details are updated every month.

11) Visits

During reporting period higher officers like CGM, GM, DGM, DDM of NABARD and State Govt. Officials have visited our project areas

Date	Officer /s	Project/Location
07/12/2020	Smt. P T Usha, DGM of NABARD along with Sri. Manojkumar K V, DDM	Aralam TDF project
04/02/2021	Sree Padre (Journalist and environmentalist)	Mugu and Kunjar watersheds
09/02/2021	Sri. R Shankar Narayan, GM, NABARD	Mugu and Kunjar watersheds
22/02/2021	Dr. Selvaraj P, CGM, NABARD	Kundaram springshed project
11/03/2021	Team of Officers from KSACS of Govt. of Kerala	CRD Office

12) Response to COVID- 19 pandemic

Sanitation Awareness programme

With NABARD support, we have conducted sanitation awareness programme in our 5 watersheds and Tribal Development project aread during Covid- 19 pandemic period. A Kit of sanitary items like hand sanitiser, soap,mask, etc were distributed to the villagers as part of it.

Distributing face masks

CRD on its own prepared cotton face masks and distributed to district administration, police personnel, watershed community and tribal families

IEC Materials

We have prepared and circulated among the community IEC materials on Covid protocols, preventive measures such as social distancing, hygiene keeping, wearing facemask, etc to generate awareness.

13) New Office Building for CRD

A new office is under construction for CRD at Moonnamkutty of Nileshwaram. The construction work started on 10 July 2020.

14) Livelihood Entrepreneurship Development (LEDP) training programme
During the reporting period, NABARD had sanctioned LEDP on Honey bee keeping and goat manure preparation for the 150 tribal families in Aralam Tribal Resettlement area.

Our Supporters

- TRIFED, Govt. of India
- NABARD
- Western Ghat Cell, Government of Kerala
- JALANIDHI of Govt. of Kerala
- KSACS of Govt. of Kerala
- Grama Panchayats
- Block Panchayat
- Academic Institutions
- NGOs

A word of Thanks

We could facilitate various activities/programmes in development with the generous support and guidance from all our supporters. We thank all the agencies/institutions who supported us through providing grants and guidance/advice. We also thank all the community members and grass root level people’s institutions associated with us in the process of making our vision and objectives happen.

We thank all our Governing Board Members who guide us in all our endeavors. We are thankful to our staff team for their committed and dedicated service in facilitating developmental interventions.
