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शिव ज्ञान से जीव सेवा

ANNUAL REPORT

2021-22



RAMAKRISHNA MISSION ASHRAMA, DIVYAYAN KRISHI VIGYAN KENDRA
Morabadi, Ranchi - 834008, Telephone : (0651)2551008, 2551970
E-mail : ranchi.morabadi@rkmm.org, Web Site : www.rkmranchi.org

FOREWORD

I am pleased to present this Annual Report 2021-22 which showcases many noble activities carried out by us with the support of many noble hearts. Our activities pertaining to sustainable development of rural and tribal community continued to make a positive impact in their lives and livelihood. Although this year too infectious corona virus hurdled our activities for most of the period but we achieved our target in all the programmes successfully, with our goal oriented team work following covid-19 protocol.

With the blessings of the Holy Trio-Sri Ramakrishna, Maa Sarada Devi and Swami Vivekananda, 'Divyayan', the rural development wing of this Ashrama executed all the programmes related to integrated development of rural tribal villages in Ranchi and its adjoining districts through convergence, collaboration, collective approach in the same manner as it has been doing tirelessly for over **53** years for which it has won many awards, accolades and appreciations in both Zonal and National Level.

After the successful development of **organic villages** viz. Burhakocha, Dhurleta, Pipraber, Gundlitol, Simratoli and Nagraber under Angara Block of Ranchi District, different projects and programmes were converged for Nawagarh Panchayat to develop it into an **organic Panchayat** and required infrastructures are being developed under the model tribal panchayat development programme.

Divyayan successfully continued its endeavor of integrating the schooling of tribal youth with vocational skill and value education, as envisaged by Swami Vivekananda, through the convergence of the National Institute of Open Schooling (NIOS), Divyayan KVK training programmes and Ramakrishna Mission Vivekananda Educational Research Institute(RKMVERI) to make the youths self reliant and moral. **38 coaching centres**, running under '**Akhandananda Shiksha and Sanskar Prakalpa**' to provide rural tribal students an opportunity to develop themselves - physically, mentally and spiritually through formal education, games, extra co-curricular activities, yoga, prayer etc. There are other similar coaching centres in different villages which are directly run by respective Vivekananda Seva Sangha. Maa Sarada Gurukul has been started this year to help the primitive tribe(Birhore) children grow in their native environment.

Divyayan Krishi Vigyan Kendra, successfully pursued its regular activities like skill development programmes among rural tribal youths, Self Help Groups' involvement in the village upliftments, front line demonstrations, on-farm trials, field days, weekly medical camps etc for the integrated development of rural people through integrated education and integrated farming. It also carried on its effort to achieve the target of **Five-Zero goals** viz. (i) Zero conventional energy use (ii) Zero water loss (iii) Zero chemicals usage (iv) Zero plastic zone land (v) Zero-waste management. Presently students from different colleges, universities also are coming to get training from Divyayan.

This Ashrama continued its integrated rural development activities through mobile dispensary, mobile library-cum-audio visual unit. The static library in the Ashrama campus was visited by **20502** readers and the dispensary catered its services to **4433** patients during the reporting period.

The faculty centre of Ramakrishna Mission Vivekananda Educational Research Institute(RKMVERI) successfully conducted 6 different courses including B.Sc.(Ag) Hons. and provided its academic service to **428** students during the reporting period.

The activities for developing Nawagarh Panchayat of Angara Block into a model tribal-panchayat in a sustainable way are underway. Online and offline monitoring, meetings were carried out through the already established computer centre. With convergence of different Govt. sponsored schemes and the active participation of Vivekananda Seva Sanghas (VSS), many activities related to agriculture and allied trades, health and hygiene were undertaken to achieve the giant target of developing a **Model Tribal-Panchayat**.

As per the plan, 3 units of video conferencing system in 3 Block level organizations for teaching & counseling of rural children, meeting, monitoring and training etc. were established and successfully running as per our objectives.

It is no gain-saying the fact that with all the activities, Divyayan has become a model training-cum-demonstration centre for different Universities, Govt. Departments, NGOs etc.

None of the achievements in the reporting year would have been possible without the efforts, relentless services and co-operation of all monks, honourable members of the Managing Committee, volunteers, devotees, supporters, admirers and staff members who stood, as always, by us both financially and physically. I extend my heartfelt thanks and congratulations to all.

Swami Bhaveshananda
(Swami Bhaveshananda)
Secretary

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A. About Us

Ramakrishna Math & Ramakrishna Mission

The twin organisations Ramakrishna Math & Ramakrishna Mission (having branches all over India as well as in other parts of the World) bearing the name of Sri Ramakrishna, the prophet of harmony of all religions, were started by Swami Vivekananda in May 1897.

The Math was registered as a Trust in 1901 and the Mission was duly registered in 1909 under Society Registration Act XXI of 1860 (Reg. No. 1971/3 of 1909-10).

At present the Ramakrishna Order has 265 centres including 67 outside India (as on 31st March, 2022).

There are 44 sub-centres (14 within India, 30 outside India) under different centres.

These branches are engaged in diverse activities in the field of medical, educational, cultural, social, spiritual, rural and tribal upliftment, relief and rehabilitation (Disaster Management).



Belur Math

Ramakrishna Mission Ashrama, Morabadi, Ranchi



Belur Math

Swami Vivekananda had a vision to establish a technical school and gradually a centre in the tribal area of Chotanagpur where new ways of food production would be discovered. In this context he mentioned that in central India, near Hazaribagh and such other districts of the region of Jharkhand (then a part of Bihar), a big plot of land would have to be acquired for the purpose.

The vision of Swami Vivekananda took shape with the establishment of an Ashrama at Ranchi in 1927 by Srimat Swami Vishuddhananda, the direct disciple of Holy Mother Sarada Devi, and the 8th President of Ramakrishna Order.

Divyayan Krishi Vigyan Kendra

In early sixties, when Ranchi and its adjoining districts were in the grip of severe drought, Ramakrishna Mission Ashrama, Morabadi, organised a relief work for the distressed poor. During that period it was strongly realized that unless the poor and illiterate farmers are trained in need based agriculture and allied technologies supported by group action, they can not be made self-reliant and also would never be able to counter similar adverse condition in future. In order to fulfill the above requirements 'Divyayan' (meaning Divine Way), a novel integrated rural development model, intended to worship God in man, was conceived and finally launched by this centre in 1969.

A residential training centre for tribal and rural youth in agriculture and related activities, Divyayan was recognized by the Indian Council of Agricultural Research (ICAR) as a Krishi Vigyan Kendra (KVK) in 1977.

Divyayan KVK got the Best KVK Award of ICAR, New Delhi at National Level, for the period 1996-97 and 2016-17 and Zonal Level during the period 2016-17. It has been once again awarded as the best KVK for the year 2019-20 by the famous outlook group.

B. Objectives

Motto: The motto of the Ashrama, as formulated by Swami Vivekananda, is “Atmano Mokshartham Jagad Hitaya Cha”, “For one’s own salvation and for the welfare of the world”.

The Ashrama has adopted six objectives for integrated development of the rural tribal people as follows :

◆ Economic ◆ Social ◆ Health Related ◆ Educational ◆ Cultural ◆ Spiritual

- (a) The economic objective is achieved through training imparted to the grass root level young farmers and school drop-outs, especially belonging to the backward section of rural community, in modern technology as applicable to the field of agriculture and allied areas for increasing per unit land area per family output and thus helping the people become self reliant.
- (b) The social objective is carried out by imbibing the spirit of community living, developing sense of co-operation, acquiring youth leadership qualities, instilling group action and self-confidence with a view to promote national integration at all levels.
- (c) The health care objective is accomplished by organising weekly medical camps, special medical camps, health awareness camps, total sanitation and drinking water awareness, creating and educating the people for participating in vaccination programmes, providing health care to the last person of the rural area.
- (d) The educational objective is achieved by guiding the local youths for establishing primary schools, enrolling the drop outs in National Institute of Open Schooling and through Diploma, Graduate and Post graduate teaching programmes of Ramakrishna Mission Vivekananda Educational and Research Institute (RKMVERI).
- (e) The cultural objective is achieved by promoting and encouraging local culture based on the Indian ancient culture and traditions.
- (f) The spiritual objective is achieved by spreading the doctrine of oneness of all souls, toleration and acceptance of all faiths/religions and fostering universal brotherhood, non-sectarian approach and spiritual values in daily life to achieve the highest purpose of life.



The Infrastructure

Divyayan KVK, already having excellent basic facilities for farmers & rural youth to update their knowledge & skill through residential training programmes, was further developed (i)during the year 2009-2010 with construction of a new Conference Hall and a Mist Chamber for hardening plants produced by the Tissue Culture Laboratory; (ii) during the year 2013-14, with construction of a 100-bed Farmers' Hostel under the name of Swami Vivekananda Kisan Chhatravas; (iii) during 2015-16 with the renovation of Permanent Exhibition on Swami Vivekananda's Life and Message and (iv)during 2016-17 with the establishment of 10 KV solar grid with solar panel & solar water heater and creating water harvesting structures , (v) during 2017-18 by starting construction of farm boundary and road within the campus, development of brick soled paddock and during 2018-19, establishing 25 KV solar grid with solar panel, 3 storey Poultry Demonstration unit and Twin Bio Gas Plants, completing excavation of 3 new ponds, renovation of all old ponds, construction of 2 new wells and Farm boundary road .

The Basic Infrastructure Update (Alphabetically)

- | | |
|---|--|
| ➔ Audio-Visual Unit | ➔ Multipurpose Conference Hall |
| ➔ Class Rooms Block | ➔ Multilayer Hydroponic Maize Prod. Unit |
| ➔ Computer Centre | ➔ Mushroom Cultivation Unit |
| ➔ Demonstration farm in Divyayan Campus and at Getalsud and Maheshpur in Angara Block | ➔ National Institute of Open Schooling Centre |
| ➔ Dairy Farming Unit | ➔ Nursery |
| ➔ Divyayan Administrative Block | ➔ Orchard Based Poultry |
| ➔ Divyayan Library | ➔ Orchard Based Duckery |
| ➔ Divyayan Trainees Hostel | ➔ Poultry/Duckery Unit(New) |
| ➔ Duck cum Fish Cultivation unit | ➔ Plant Protection Lab |
| ➔ Farm Machinery Unit | ➔ Progeny Orchard and Multi-tier Unit |
| ➔ Fishery Pond cum Water Harvesting unit | ➔ Publication Unit |
| ➔ Fish Hatchery for Artificial Breeding | ➔ Ramakrishna Mission Vivekananda Educational and Research Institute, Faculty Centre |
| ➔ Food Processing Unit | ➔ Seed Processing and Storage Unit |
| ➔ Guest House | ➔ Soil Testing Lab. |
| ➔ Gyan Vahini Unit | ➔ Solar Grid (35 KV) with Solar Panel |
| ➔ Hatchery for Poultry | ➔ Solar Water Heater |
| ➔ Honey Processing Plant | ➔ Tissue Culture Lab. |
| ➔ Liquid Manure and botanical pesticides Prod. Unit | ➔ Agriculture Technical Museum |
| ➔ Mist Chamber | ➔ Vermi Compost & NADEP Unit |
| ➔ Multilayer Azolla Production Unit | ➔ Village Resource Centre |
| | ➔ Water Harvesting Units |
| | ➔ Workshop Building |

Supporting Infrastructure Update (Alphabetically)

- | | |
|--|---|
| ➔ Adbhutananda Bhawan (Computer Trg. Centre) | ➔ Permanent Exhibition on Swami Vivekananda's Life and Messages |
| ➔ Book Sale Unit | |

Divyayan KVK, already having excellent basic facilities for farmers & rural youth to update their knowledge & skill through residential training programmes, was further developed (i) during the year 2009-2010 with construction of a new Conference Hall and a Mist Chamber for hardening plants produced by the Tissue Culture Laboratory; (ii) during the year 2013-14, with construction of a 100-bed Farmers' Hostel under the name of Swami Vivekananda Kisan Chhatravas; (iii) during 2015-16 with the renovation of Permanent Exhibition on Swami Vivekananda's Life and Message and (iv) during 2016-17 with the establishment of 10 KV solar grid with solar panel & solar water heater and creating water harvesting structures, (v) during 2017-18 by starting construction of farm boundary and road within the campus, development of brick soled paddock and during 2018-19, establishing 25 KV solar grid with solar panel, 3 storey Poultry Demonstration unit and Twin Bio Gas Plants, completing excavation of 3 new ponds, renovation of all old ponds, construction of 2 new wells and Farm boundary road .



DIVYAYAN KVK CAMPUS



ADMINISTRATIVE BUILDING



CLASS ROOMS AND LABORATORIES



HOSTEL BUILDING



FARMERS' HOSTEL



POULTRY UNIT



DAIRY DEMONSTRATION UNIT



PROGENY ORCHARD



SWAMI VIVEKANANDA MUSEUM



35 KV GRID TIED SOLAR ENERGY AND SOLAR WATER HEATER



BEE KEEPING



VERMI COMPOST UNIT



SEED PROCESSING UNIT



SOIL TESTING LABORATORY



TISSUE CULTURE LABORATORY

2019



NURSERY POND



DUCKERY UNIT

MUSHROOM UNIT



ASHRAMA OFFICE



LIBRARY



AUDITORIUM & BOOKSALES



TECHNICAL MUSEUM



WORKSHOP



MULTI LAYER AZOLLA UNIT



HYDROPONICS UNIT, DIVYAYAN, GETALSUD AND MAHESHPUR DEMONSTRATION FARM CAMPUS

D. Economic and Social Development Activities

Capacity Building:-

- ➞ Training on Integrated Farming for Rural Youth/Practicing Farmers
- ➞ Skill Oriented Special Training Programme for Rural Youth
- ➞ National Institute of Open Schooling (NIOS) Linked Multi-skilled Vocational Training with Value Education Programme
- ➞ Sponsored Training
- ➞ Off-Campus Training for practicing farmers

Adaptive Research:-

- ➞ OFT (On Farm Trial)
- ➞ FLD (Front Line Demonstration)
- ➞ CFLD (Cluster Front Line Demonstration)

Extension and Follow-up Programmes:-

The Modus Operandi:

- ➞ Organising Vivekananda Seva Sanghas (Village Level Organisation)
- ➞ Monthly Follow-up Meetings
- ➞ Publication of Quarterly Magazine “Prabuddha Gram”
- ➞ Visit of Mobile Audio-Visual Unit in Villages
- ➞ Conservation and promotion of indigenous varieties
- ➞ Annual Farmer’s Fair
- ➞ Field Days, Kisan Gosthi and Farmer-Scientist Interaction
- ➞ Organising Self Help Group Leading to Women Empowerment
- ➞ Farmer as a trainer.

Projects/Programmes/Schemes:-

- ➞ ASPEE Sponsored project on lift irrigation.
- ➞ Programmes conducted For Doubling Farmers’ Income
- ➞ Women Empowerment
- ➞ Production of Seed Material & Related Programmes
- ➞ Jharkhand Tribal Empowerment and Livelihoods Programme
- ➞ Development of Cluster of Organic Villages
- ➞ ICAR-ARYA (Attracting & Retaining Youth in Agriculture)
- ➞ ICAR-DGR, Junagarh Project.
- ➞ ICAR-DRMR Project (Sustainable livelihood security of tribal farmers through mustard production in rice fallow area)
- ➞ JTDS Sponsored Apiary Project
- ➞ Model Tribal Panchayat Development Programme
- ➞ Integrated Watershed Development Project
- ➞ Workshops, Seminars and other Awareness Programmes



D.1 Training

During 2021-22, the Ashrama continued its endeavors towards addressing the root causes of unemployment in rural tribal villages, through its unique model of residential training programmes to build confidence in rural youths and enable them to launch their own enterprises. There are three types of training programmes, which are offered by Divyayan KVK viz. On-campus, Off-campus specialized courses and NIOS linked multi skill training curriculum with value education at their core.

All these training programmes are mainly meant for tribal youths with free board and lodging facility sponsored partially by the Ministry of Tribal Affairs (MoTA), Govt. of India; Deptt. of Welfare, Govt. of Jharkhand; Indian Council of Agricultural Research (ICAR) through KVK and others.

Training Programmes for Rural Youth in Agriculture and Allied Trade (On-campus)

Objective of this training programme is to make the trainee self reliant by launching his own enterprise. Hence every trainee needs to undergo extensive practical training. Every effort is made to change the mind set of the trainees and to make them sincere, disciplined and co-operative. Emphasis is also given on developing managerial skills and they are being exposed to real life circumstances to empower them to face any eventuality that may arise during the running of their own enterprises. Training is given in different trades viz. Bee-keeper, Lac Producer, Mali Training/Supervisor, Mushroom Producer, Soil Health Management, Fisheries, Organic Grower, Poultry, Dairy, Pump Repairing, Electrician, Carpentry and Welding. These courses are of 1.5 month, 3 months, and 6 months duration depending upon the trade. During the reporting period (2021-22), 295 trainees were provided training in different trades.

Training Programme on Integrated Farming System for Practicing Farmers and Farm Women (Off-campus)

Training programmes on “Integrated Farming” of 45-days duration are conducted in villages for practicing farmers and farm women as they are unable to attend the long duration residential training programme due to lack of time and their engagement in farming. These training programmes are conducted on different

thematic areas like Bee Keeping, lac production, mushroom production etc. During the reporting period (2021-22), **501** trainees were trained in **10** batches.

Sponsored Training Programme

Sponsored training programmes are conducted for different participants sponsored by different govt. and non-govt. organisations. These custom made courses are of 3-days, 5 days, 10days and 15 days duration.

Short Course Training Programme

These training programmes are mainly for the practicing farmers and rural youth which are conducted under skill development programme of Krishi Vigyan Kendra project .

NIOS Linked Multi Skill Training Programme with Moral and Spiritual Education

During the reporting year 2021-22, 46 students were enrolled in Secondary and 101 in Senior Secondary courses of NIOS along with vocational courses of Divyayan. It is a novel approach to effect synergy of instructions, i.e. integration of skill development education and academic education along with moral and spiritual education.

Details of the different training programmes conducted during the year 2021-22 are as given below :

Subject	Duration	No. of Batches	No of Trainees
Training Programme on Integrated Farming			
Integrated Farming	45 Days	10	501
Training Programmes on Agriculture and Allied Trade (On-campus)			
Acquaculture	03 Months	2	04
Bee-Keeper	45 Days	3	09
Dairy Farmer	03 Months	4	42
Electrician	06 Months	2	26
Food Processing	01 Months	1	04
Gardener	03 Months	3	08
Gardener Supervisor	06 Months	1	03*
Health Management of Chicks (Poultry)	03 Months	4	52
Health Management of Chicks Supervisor	06 Months	1	01
Mali Training	01 Month	1	33
Mushroom Grower	45 Days	4	17
Mushroom Supervisor	06 Months	1	01
Organic Grower	03 Months	4	47
Pump Repairing	03 Months	1	01
Soil Health Management	03 Months	4	46
Welding	06 Months	1	01
Total		47	796

Short Courses

Subject	Duration	No of Batches	No of Trainees
Aquaculture	05 Days	1	05
Backyard Poultry Farming	03 Days	1	43
Bee Keeping	05 Days	2	58
Commercial Goat Farming	03 Days	2	67
Commercial Pig Farming	03 Days	1	36
Fish Cum Duck Farming	03 Days	1	25
Food Processing Value Addition	05 Days	1	17
Goat Farming	05 Days	2	61
Housing and Breeding Mgmt. for Goats	03 Days	1	31
Integrated Farming System	03 Days	3	96
Mushroom Grower	05 Days	1	17
Mushroom Production	05 Days	1	40
Organic Farming & Soil Health Mgmt.	06 Days	1	42
Organic Method of Seed Prod. & Storage	05 Days	1	24
Organic Cultivation of Paddy	05 Days	1	08
Poultry Farming	05 Days	4	90
Rabi Oil Seed Production Technology	04 Days	1	24
Scientific Bee Keeping	05 Days	2	41
Scientific Bee Keeping	07 Days	1	23
Scientific Lac Cultivation	05 Days	2	109
Storage of Mustard Seeds	02 Days	1	30
Use and Repair of Agril. Implements	05 Days	1	16
Vegetable Crop Based Organic Farming	05Days	2	60
Total		34	963

Sponsored Training

Aquaculture	5 Days	1	35
Bee Keeping	15Days	1	55
Bee Keeping	5 Days	1	2
Certi. Course on INM for Fertil. Dealers	15Days	1	49
Mushroom Production	5 Days	5	261
Trg. of Master Trainer of Bee Keeping	5 Days	1	38
Total		10	440
Grand Total		91	2199

Glimpses of Skill Training Programme



Liquid Manure Preparation



Horticulture



Bee-Keeping



Bed Preparation



Dairy



Harvest of Mushroom



Hands on Training



Weighing of Soil Sample under Soil Testing

Glimpses of Skill Training Programme



Gardeners Training



Preparation of Bio-Pesticides



Poultry



Electrician Training



Netting of Fish



Goat Farming



Vaccination of Ducks



Certificate Distribution

One Day Off-Campus Training Programme Under KVK :

Subject	No. of Trg. Programmes	No. of Participants
Agril. Implements	3	62
Application of Bio Fertilizer	4	203
Use of Balanced Fertilizer	1	124
Application of Pesticides	1	30
Bee Keeping	5	181
Crop Management of Rabi Oil Seed	5	285
Cultivation of Fodder Crop	1	40
Cultivation of Indigenous variety of Paddy	1	36
Cultivation of Paddy and other Kharif Crop	1	26
Cultivation of Pulses	3	119
Duckery	1	25
Food Processing	4	96
Goatery	5	148
Insect Pest Control in different Crops	3	90
Integrated Farming System	2	79
IPM for Kharif Crops	1	38
IPM in Mushroom	1	32
Lac Cultivation	7	408
Mushroom Production	2	116
Natural Farming	2	72
Nursery Raising	1	30
Nutrition	2	145
Nutri Garden	1	21
Nutritional Garden	2	160
Organic Farming	5	128
Poultry	3	66
Preparation of weaning food for babies	1	120
Production Technology of Pulses	1	32
Sanitation and Waste Management	2	224
Seed Production and Storage	4	249
Treatment of Seedlings	2	92
Water Harvesting	5	144
Weed Control in Pulses	3	128
Women Nutrition Management	1	90
Zero Tillage Technique	1	16
Total	87	3855



D.2 Extension and Follow Up

Go from village to village, do good to the humanity & the world at large

Swami Vivekananda



D.2.a Modus Operandi of Extension and Follow-up programmes



D.2.b Organising V.S.S. (Vivekananda Seva Sangha), Quarterly Magazine and Audio Visual Programme

Vivekananda Seva Sangha: Once Swami Vivekananda had said “ All the wealth in the world can not help one little Indian village if the people are not taught to help themselves”. Acting on this message, our ex-trainees are encouraged to form village level organizations named Vivekananda Seva Sangha (VSS). Extension and village activities are executed through these VSSs. They work collectively for the development of their own village, harnessing the internal potentialities as well as available resources not depending on help from outside. Till date 120 nos. of VSSs have been formed which are successfully functioning in their respective localities.

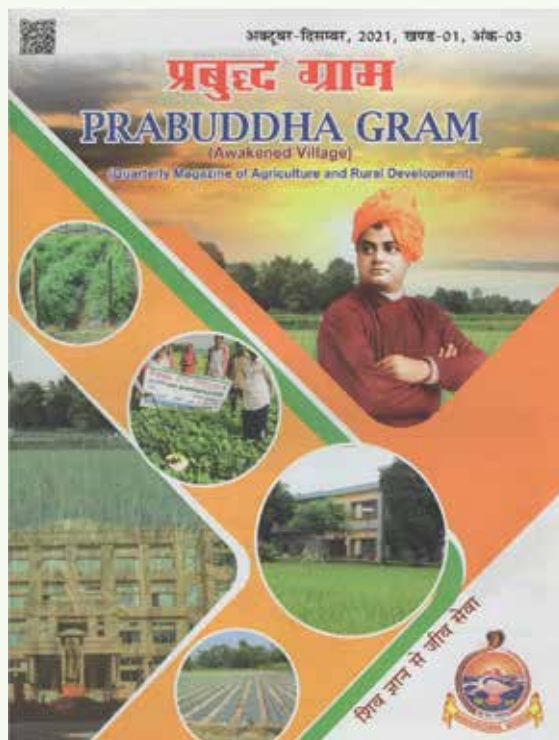
Publication of Quarterly Magazine Prabuddha Gram (Awakened Village): This Ashrama has been serving the rural people of Jharkhand for more than 50 years. Over the years we have developed a lot of technologies, a number of successful farmers and undertaken many research works through our Krishi Vigyan Kendra and RKMVERI for the development of the rural poor.

Swami Vivekananda said “Hence our object is to see that everyone down to chandal be helped to attain the right to. Dharma, Artha, Kama and Moksha.”

Keeping the above aim in mind, a quarterly bilingual (Hindi and English) rural development magazine “PRABUDDHA GRAM (Awakened Village)” is published to disseminate these technologies, knowledge from experience and research findings among different stakeholders of rural development in India especially in Jharkhand, The first issue (April - June 2021) was published in the month of July 2021.

This quarterly magazine replaced the Monthly News Letter Divyayan Samachar.

Visit of Mobile Audio-Visual Unit in Villages : A vehicle, fully equipped with audio-visual devices, moves extensively in the villages as per scheduled programme. This unit is equipped with T.V., DVD/CD players, multimedia projector, CDs and DVDs, to conduct shows on various aspects of rural development, agricultural production and spirituality. This year in total 79 shows were held involving 4116 nos. of beneficiaries



Quarterly Magazine - Prabuddha Gram



Audio-Visual Programme in Rural Areas

D.2.c One Day Krishak Sammelan

This year the Ashrama could not conduct Regional Kisan Melas and Central Kisan Mela due to restriction imposed by State and Central Government to contain spread of Corona Virus but a Krishak Gosthi was organised based on the theme 'Local Resource Based Nutritional Food Security and Economic stability'. The sammelan was held on 26 March 2022 in the Ashrama Auditorium.

This Krishak Gosthi was organised under the joint collaboration of Divyayan Krishi Vigyan Kendra, Ramakrishna Mission Ashrama, Morabadi, Ranchi and Ramakrishna Mission Vivekananda Educational and Research Institute (RKMVERI).

The objectives of organizing this Sammelan were - to bring awareness among the farmers about the Food Security through Local Resource based Nutrition, to create awareness about role of natural farming for the healthy environment and healthy society without losing productivity, and to achieve economic stability.

To meet the above objectives, farmers from different villages of Ranchi district were invited and they met resource persons from Birsa Agricultural University and RKMVERI, Ranchi. The event consisted of inaugural session and technical session.

The Gosthi was inaugurated by Dr Rameshwar Oraon, Hon'ble Minister for Finance, Govt. of Jharkhand, in gracious presence of Smt. Nisha Oraon Singhmar, Director Agriculture, Dr. O. N. Singh, Vice Chancellor, Birsa Agricultural University, Kanke, Ranchi and Swami Bhaveshananda, Secretary of this Ashrama..

Hon'ble Dr. Oraon, in his address to farmers stressed on food security for peaceful living and called upon the farmers to cultivate millet for nutritional security and urged the farmers to adopt crop diversification.

Smt Nisha Oraon in her address asked farmers to adopt natural farming to lead a respectable life. She



Welcome to Hon'ble Dr. Rameshwar Oraon



Kisan Sammelan

also discussed about the importance of the natural farming to have a balanced environment.

Dr. O. N. Singh stressed on pulses cultivation during Rabi season and urged everybody to increase pulses coverage in the state of Jharkhand because it plays a vital role in bringing nutritional security in most economic way.

Dr. Oraon inaugurated two units viz. Duck-cum-fish and Hydrphonic & Multilayer Azolla unit during his visit to Divyayan KVK campus.

In the technical session, Dr. Rajesh Kumar, Sri Manoj Kumar Singh, Dr. Abhijit Dutta, Dr. S. K. Paul gave their lectures on food security and had direct interaction with farmers.



Address by Hon'ble Dr. Rameshwar Oraon



Address by Dr. O. N. Singh, Vice-Chancellor



Address by Director of Agriculture



Prize Distribution



Inauguration of Fish Cum Duck and Hydroponics Units

D.2.d Hon'ble Prime Minister Sri Narendra Modi's Address during 'National Conclave on Natural Farming (Zero Budget Natural Farming)

Prime Minister, Shri Narendra Modi addressed the farmers during the National Conclave on Natural Farming on 16th December 2021 in Anand, Gujarat via video-conferencing. The live telecast of this program was shown in the auditorium of Divyayan Krishi Vigyan Kendra, Ramkrishna Mission Ashrama, Morabadi, Ranchi.

The programme was started at 10.00 am with technical session in which Dr. Ajeet Kumar Singh, discussed the theme of program “Building Expanding Natural Farming System”. He said that Zero Budget Natural Farming is a promising tool to minimise the dependence of farmers on purchased inputs, and reduces the cost of agriculture by relying on traditional field-based technologies which leads to improved soil health. Swami Bhaveshananda, secretary of Ashrama talked about benefits of organic farming in Ranchi district. He said that 12 villages of Ranchi district are doing completely organic farming in the guidance of scientists of Divyayan Krishi Vigyan Kendra.

At 11.00 am live telecast of this program was shown to the farmers. In the said program Prime Minister Narendra Modi said fertilisers helped to increase the produce and led to the green revolution but there is a need to keep looking for alternatives. He added that natural farming offers a much better produce with no side effects. He said from seed to soil, every thing can be treated in a natural way. Natural farming does not involve spending on fertilisers nor on pesticides. It also requires less irrigation and is capable of dealing with floods and droughts, said PM Modi. Shri Narendra Singh Tomar discussed Natural farming and crop diversification in detail. Shri Amit Shah talked about maximizing the contribution of agriculture in GDP (Gross Domestic Product) by making farmers prosperous by natural farming system.

The programme was attended by the secretary of Ashrama Swami Bhaveshnand, Dr. Ajeet Kumar Singh, Senior Scientist & Head of Divyayan Krishi Vigyan Kendra, Dr. Raghav Thakur, Dean Ramkrishna Mission Vivekananda Educational & Research Institute, scientists of Divyayan Krishi Vigyan Kendra, Ranchi along with 300 farmers of Ranchi district.



Live Telecast of Hon'ble Prime Minister Sri Narendra Modi's Address

D.2.e Kisan Gosthi, Adaptive Research (CFLD, FLD and OFT)

Kisan Gosthi: These are conducted to apprise the farmers about different technologies involved in production of different crops and to have direct interaction with farmers. This year 10 Kisan Gosthis were organized involving 477 farmers.

Cluster Front Line Demonstration (CFLD) and Front Line Demonstration (FLD):

The field demonstration conducted under the close supervision of scientists is called Front Line Demonstration, as the technologies are demonstrated for the first time by the scientists before being fed into the main extension system of the State Department of Agriculture. The main objective of CFLD/FLD is to demonstrate newly released crop production and different technologies and its management practices in the farmers' field under different agroclimatic region and farming situation. During 2021-22, CFLD and FLD programmes were conducted on 19 different crops/technologies/implements like paddy, wheat, niger, green gram, mustard, tomato etc. involving 601 farmers. Feed back from the involved farmers have been properly collected and provided to respective research institutions.

Details of the CFLD and FLD Programmes Conducted

Sl. No.	Crop/Technology	Variety	Area (ha)	No of Farmers
Cereals				
1	Maize	LRD	02.00	25
Oil Seeds				
2	Mustard	Pusa 30	60.00	150
3	Sesamum	Shubhra	20.00	50
4	Niger	BN-3	20.00	50
5	Linseed	RT-346	20.00	50
Pulses				
6	Pigeon pea	IPA 203	10.00	25
7	Black Gram	PU31	10.00	25
8	Chick Pea	Pusa 3043	10.00	25
9	Green Gram	Samrat	10.00	25
11	Lentil	L4717	10.00	25
Other Crops/Technology				
12	Onion	NHRDF Red 3	4.00	29
13	Poultry	Kadaknath chicks	21 Units	21
14	Mushroom	Oyster	30 Units	30
15	Lac		37 Units	37
16	Cycle weeder	Improved weeder	2	05
17	Maize shellar	Tublar	18qtl	18
18	Self Propelled Reaper	Paddy	2	06
19	Zero Till Drill	Wheat	2	05
Total			182 ha/88units/18qtl	601



CLUSTER FRONT LINE DEMONSTRATIONS (CFLD) ON MUSTARD



CLUSTER FRONT LINE DEMONSTRATIONS (CFLD) ON GRAM



CLUSTER FRONT LINE DEMONSTRATIONS (CFLD) ON BLACK GRAM



FRONT LINE DEMONSTRATIONS ON FODDER CROP



FRONT LINE DEMONSTRATIONS ON REAPER



FRONT LINE DEMONSTRATIONS ON AGRICULTURAL IMPLEMENTS



FIELD DAY, TRAINING AND INPUT DISTRIBUTION DURING FLD

On-Farm Trial (OFT)

Objective of this activity is to assess the technologies based on local problems to best fit the socio-economic condition of the farmers and to identify the production constraints. During 2020-21, 12 nos. of On-Farm Trials have been conducted on different crops involving 158 farmers, in different villages of Ranchi District. Details of the OFTs conducted during the year are as given below.

Technological Interventions		Yield (Q/ha)	Yield increase (%)	B:C Ratio
1.	Regulation of bearing potential in litchi through girdling of primary branches.	26.95 per plant	359	1.55
2.	Assessment of Low Cost Poly Tunnel (LCPT) . technique of early summer harvest of bitter gourd.	196.88	3.62	3.80
3.	Control of fruit cracking in litchi by bagging of fruit branches (non-oven polypropylene bags)	36.91	23.9	2.41
4.	Assessment of the performance of turmeric powder (Curcuma longa) added feed for enhancing immunity of Divyayan Red / Kaveri chicken.			3.88
5.	Assessment of the effect of pashu chocolate in lactating cows during scarcity periods			1.43
6.	Efficacy of Cultural control, Biological control and Emamectinbenzoate for management fruit and shoot borer of Okra.	93.83	27.84	24.89
7.	Integrated disease management in Tomato against the bacterial disease.	179.39	70.03	4.90
8.	Assessment of vegetable inter cropping in pigeon for ensuring higher returns and minimizing risk due to adverse climate.	Result Awaited		
9.	Assessment of Quality Protein Maize (QPM) based weaning/ enriched food for child health.		14.35	
10.	Assessment of okra harvesting tool (Bhindi Plucker) for Drudgery Reduction.	Convenient and 45% Time Saving		
11.	Assessment of two different squash developed from ripe Jackfruit	Self Life Increased to 120, Taste and appearance enhanced		





OFT ON OKRA



OFT ON PLANT PROTECTION



OFT ON ANIMAL HUSBANDRY



OFT ON FOOD PROCESSING

D.2.f Programmes Conducted for Doubling Farmers' Income

Sl. No.	Name of Programme	Objective of the Programme	Name of Village/Area	No. of Farmers Covered
1	Promotion of Mustard Production among Tribal Farmers of Jharkhand for augmenting Sustainable Livelihood Security	Improvement in livelihood of tribal farmers of the area through mustard cultivation.	Sakarpur, Pola villages of Lapung Block Baridih village of Bero Block, Chalaniya, Burmu and Arakarem Village of Ormanjhi Block	400 farmers
2	Varietal Demonstration of Paddy	To introduce bio-fortified variety of rice in Jharkhand	Burhakocha and Dhurleta Villages of Angara Block	05
3	Launching of Indigenous Scented Rice	To promote and facilitate marketing of Scented Rice produced by farmers	Ranchi, Khunti and Gumla District	800
4	ARYA (Attracting and Retaining Youth in Agriculture)	<ul style="list-style-type: none"> To attract and empower the youth in rural areas to take various agriculture allied and service sector enterprises for sustainable income and gainful employment in selected district. To enable the farm youth to establish network groups to take up resource and capital intensive activities like processing, value addition and marketing. 	Beneficiaries of 18 villages under Angara, Silli, Rahe, Burmu, Lapung, Itki, Bero and Lapung	450
5	Development of Organic Cluster under KVK (TSP) Programme	<ul style="list-style-type: none"> To develop organic cluster To increase the profitability To achieve the goal of doubling farmers' income To decrease input cost by natural resource based organic nutrient management 	Piprabera, Budhakocha, Simratoli, Gundalitoli, Nagrabera and five villages of Nawagarh panchayat of Angara Block under Ranchi District	225 Farmers 390 acres

Sl. No.	Name of Programme	Objective of the Programme	Name of Village/Area	No. of Farmers Covered
6	Cluster Front Line Demonstration (CFLD)	Introduction of improved variety and new technologies to farmers	Ranchi District	275
7	Front Line Demonstration	Introduction of improved variety and new technologies to farmers	Ranchi District	326
8	On Farm Trials	<ul style="list-style-type: none"> To identify the location specifics of agricultural technologies under various farming systems. Assessment of existing technology so as to suit the need of the farmer 	13 Villages of Different Blocks in Ranchi District	158



OFT ON ANIMAL HUSBANDRY



OFT ON FOOD PROCESSING

D.2.g ICAR-ARYA Project (Attracting and Retaining Youths in Agriculture)

ARYA project with financial support of ICAR, New Delhi was started in the year 2019. The main objective of the project was to reinstate rural youths to the farming system so that this dynamic work force can be positively re-engaged for improvement of livelihood. To fulfil the objective three enterprises namely goatery, lac Cultivation and Bee Keeping were chosen under the project.

Summary of major activities which were undertaken during 2021-22

Goatery Enterprise:

- ◆ Initially, from the project area, **260** nos. of potentially resource-rich youths were identified from Medhetungri, Getalsud.
- ◆ Selected youths were trained in **9** groups intensively in scientific goat farming.
- ◆ No. of Youths established entrepreneurial units (No.) - **179**
- ◆ **Five** groups of **37** farmers each were formed.
- ◆ Further these groups were given exposure at a unit of goat entrepreneur, developed under ARYA & DBT as well as at goatery farm of Birsa Agriculture University, Ranchi to improve their skill for running enterprise successfully.
- ◆ KVK provided input support to each beneficiary for establishment of their enterprise.
- ◆ KVK distributed 32 nos. of improved breed of goat namely Black Bengal, 40 nos. of feeder, 61 nos of thermometer, syringe, medicine kit & needle and 10116 nos. of vaccine in project village. 115 raised platform for goats were constructed for same number of beneficiaries.

Outcome:

- ◆ At present **179** farmers have developed a successful and profitable enterprise in goatery after KVK interventions like housing management with raised platform, breed improvement, regular vaccination and time to time providing of advisory services in project villages.
- ◆ 68 No. of youths running entrepreneurial units in a sustainable manner.
- ◆ Each beneficiary has maintained minimum 21 goats.
- ◆ The mortality rate in goats which was 24 % in the beginning has decreased to 13 %.
- ◆ Presently each beneficiary is able to generate an income of Rs. 80500/unit/year.
- ◆ The youths under the project are supporting their families with good socio-economic status and also working as social motivator.
- ◆ Every beneficiary is ready to invest more money in expansion of their goat farm so that the goat farms can run in sustainable manner.

Bee-Keeping Enterprise:

- ◆ Initially, from the project area, 134 nos. of potentially resource-rich youths were identified



- Selected youths were trained in 7 groups intensively in scientific bee-keeping.
- No. of Youths established entrepreneurial units (No.) - 132
- Seven groups of 20 farmers each were formed to start the enterprise.
- KVK provided input support to each beneficiary for establishment of their enterprise.
- KVK distributed 354 Bee boxes with colonies(254 italian +100 Indegenous), Knife 58 and bee vile 58 nos.

Outcome:

- 132 nos. Entrepreneurial units established under ARYA in bee keeping after KVK interventions like training, input distribution and follow-up.
- 68 No. of youths running entrepreneurial units in a sustainable manner.
- Each beneficiary has maintained minimum 10 boxes.
- The mortality rate in bee-keeping which was 23 % in the beginning has decreased to 9 %.
- Presently each beneficiary is able to generate an income of Rs. 66000/unit/year
- The youths under the project are supporting their families with good socio-economic status and also working as social motivator.
- Every beneficiary is ready to invest more money in expansion of their goat farm so that the goat farms can run in sustainable manner

Lac Enterprise:

- Initially, from the project area,111 nos. of potentially resource-rich youths were identified
- Selected youths were trained in 5 groups intensively in scientific bee-keeping.
- Five groups of 27 farmers each were formed to start the enterprise.
- KVK provided input support to each beneficiary for establishment of their enterprise.
- KVK distributed 130 kg brood lac, Goture Spray M/c -4nos, Tree Pruner -8nos., looper -16, plastic drum-10nos., seketer 109 nos. and pesticide and fungicide 54ltrs.

Outcome:

- 106 nos. Entrepreneurial units established under ARYA in bee keeping after KVK interventions like training, input distribution and follow-up.
- 85 No. of youths running entrepreneurial units in a sustainable manner.
- Each beneficiary has maintained minimum 15host plants.
- The mortality rate in lac cultivation which was 23 % in the beginning has decreased to 9 %.
- Presently each beneficiary is able to generate an income of Rs. 46500/unit/year
- The youths under the project are supporting their families with good socio-economic status and also working as social motivator.



D.3 Women Empowerment

Women, in the tribal dominated areas of Ranchi and its adjoining areas, have been suffering from various types of discriminations and deprivations due to poverty, low productivity, their primitive way of living and ignorance about socio- moral values. There is a great need to bring women into mainstream of economic activities.

Ramakrishna Mission Ashrama not only organized them to form self help groups but also conducted special training programmes for women in different fields related to skill upgradation. drudgery reduction, fruits and vegetables preservation, value addition, mushroom cultivation, piggery, fisheries, poultry and allied activities to empower them economically as well as socially. Alternative employment opportunities for women are generated through such training programmes. Increased income in the hands of rural women ensures better nutrition, better healthcare facilities and education for their children.

This Ashrama believes that economic empowerment of women with moral and spiritual values at the base will help make them powerful agents to bring about social change.



Besides organising workshops and training programmes for empowering rural women of Ranchi district, On Farm Trials (OFTs) and Front Line Demonstration programmes related to the field of agro based entrepreneurship are also conducted every year. During the reporting period, one OFT (On Farm trial) on “Assessment of Quality Protein Maize (QPM) based weaning/ enriched food for child health” was completed. The study was conducted in two villages i.e Lundari and Katangdiri of Ranchi district. The trial had positive impact on children's health while using roasted and malted QPM (Quality Protein Maize) with roasted chickpea flour, roasted ground nuts, sugar and half cup of milk. Introduction of malted and roasted QPM (Quality Protein Maize) and chickpea flour (malted and roasted) was more fruitful for children of weaning age (1-3years). This formula of weaning is more helpful in reducing malnutrition among children. This study showed that consumption of cereal based (malted and roasted QPM and chickpea) food has great nutritional benefit since nutritional complementary can be achieved through this meeting. Use of malted and roasted QPM based weaning food for children of 1-3 years of age is highly recommended for large scale of population (children). However, taste of technology option 2 was preferred among children. As far as normal maize and chickpea is concerned, dual germination and fermentation methods employed during the processing stages improved the nutritional qualities (protein contents, digestibility and amino acid composition) and haematological indices of the formulated complementary foods, respectively.

One more OFT (On farm Trial) on “Assessment of okra harvesting tool (Bhindi Plucker) for Drudgery Reduction of farm women” has been conducted this year. From the study, it was evident that women were involved in various agricultural operations which were carried out by traditional methods. As far as okra harvesting is concerned, due to lack of accessibility of modern tools and equipment they used to harvest okra manually. In this study, two types of okra harvesting tools have been introduced i.e. ring cutter and okra plucker. These okra harvesting tools were very effective for farm women as it reduces skin allergies, reduces the chances of cuts, rashes on finger and saves time. Hence the present study showed a positive impact by empowering farm women and bringing awareness about drudgery reducing equipment. It was also found that Farm women can harvest up to 10-12 kgs per hour in traditional method whereas by using ring cutter and okra plucker one can harvest up to 15-17 kgs per hour which implies that ring cutter and okra plucker are more effective than traditional method. These drudgery reducing equipment's not only improves the work performance of the farm women but also improves the health conditions of fingers from scratches, injuries and cuts.

Jackfruit is heavily produced in Ranchi district but not properly utilized due to lack of its processing / value addition knowledge. Delicious jackfruit is rich in energy, dietary fiber, minerals and vitamins. The fruit is high in calories and contains no saturated fats or cholesterol, making it one of the important healthy fruits to relish. To ensure year round availability of products of jackfruit, viable processing technology need to be developed and promoted which enables continuous supply and availability of jackfruit products and also to reduce post-harvest losses, transforming raw material into edible products, increasing food security, improving nutrition and health, generating increased income, etc. One such value added product was developed jackfruit squash which could also be taken to commercialization. A study was conducted on “Assessment of two different squash developed from ripe Jackfruit”. The study introduces two types of jackfruit developed from ripe jackfruit and ripe mango. The developed squash was stored at room temperature and in refrigerator. After six months of storage, quality of the processed products (Jackfruit squash) regarding color, taste, flavour and texture were similar to that of freshly processed products. Farm women were highly satisfied with the processed product of ripe jackfruit. However some of them highly appreciated mango and jackfruit squash. This study was carried out in Katangdiri village of Ranchi district in which seven farm women participated. Farmers were trained about development of jackfruit squash.

Their participation in this study was highly appreciable. The developed squash was stored in sterilized glass bottles at room temperature and in refrigerator. While sensory evaluation of squash, it was found that even after six months of storage, quality of the processed products regarding color, taste, flavour and texture were similar to that of freshly processed products.

Thus, Ramkrishna Mission Ashram is playing an important role in empowering rural women through various training programs, workshops, seminars, on farm trials, front line demonstrations and extension activities.

Subject	No. of Training Programs	Number of Participants
Food Processing and Value Addition	13	232
Nutrition Gardening, Income generation activities and Value Addition for empowering rural women	6	90



D4. Production of Seed Material & Related Programmes

The increase in agricultural production directly depends on the quality of seed. Seeds of appropriate characteristics are required to meet the demand of diverse agro-climatic conditions and intensive cropping system. The basic concept behind this programme is to develop a system which will ensure the timely supply of quality seeds to farmers at reasonable rates. To ensure the availability of quality seeds among the farmers, our endeavour is to produce high yielding varieties of the same to gear up the condition of marginal farmers and help lead the country to sufficiency.

During the year 2016-17, Divyayan KVK, in collaboration with the Govt. of Jharkhand had formed **25 seed villages** where the farmers were provided with necessary skill and inputs to produce paddy seed. During 2017-18, under this programme 542 qtl paddy seeds, during 2018-19, 473.5 qtl paddy seeds, 75 qtl Kulthi, 50qtl Niger and 60 qtls of lentil seeds and during 2019-20, 300 qtl paddy seeds, 65qtl niger seeds and 60qtl horsegram seeds were produced by the farmers of the above said 25 villages. The produced seeds were procured by the National Seed Corporation, Ranchi from farmers.

Divyayan KVK itself has been optimally using its demonstration farm for the production of seeds and planting materials for the farmers of Ranchi district. Certified seeds were also produced in the farmers' field by providing them foundation seeds and technical guidance.

During the reporting period seeds of different crops and varieties were produced from our demonstration farms as well as by the farmers under Seed Village Programme as per the details given below to make them available to farmers and Govt. of Jharkhand for further distribution :

Sl. No	Crop/Vegetable	Variety	Type of Seed	Qty (in qtl.)
Under Seed Village Programme				
1	Paddy	Sahbhagi and IR64	Certified	216.00
2	Pigeon Pea	Rajeev Lochan	Certified	95.00
3	Black Gram	Birsa Urad-1	Certified	80.00
4.	Nizer	Birsa Nizer-3	Certified	11.20
From Divyayan KVK Farm				
5	Paddy	Sahbhagi	Foundation	86.10
		MTU 1010	Foundation	75.50
		Bhutku	Truthful	22.80
		Tulsi Mukul	Truthful	03.00
		Rajendra Suhasini	Truthful	2.83
6	Wheat	Karan Vandana	Certified	80.00
7	Barley	Local	Truthful	02.13
8	Pigeon Pea	Rajeev Lochan	Certified	07.00
9	Black gram	Pant Urad-31	Certified	01.00
10	Green gram	Virat	Certified	05.00
11	Gram	Pusa 3043	Certified	04.00
12	Vegetable Pea	GS-10	Truthful	09.80
13	Mustard	Pusa Mustard-30	Certified	27.4
14	Linseed	Priyam	Foundation	01.60
15	Sesbania		Truthful	2.42
16	Tephrosia		Truthful	3.67

Sl. No	Crop/Vegetable	Variety	Type of Seed	Qty (in qtl.)
17	Subabool		Truthful	3.67
18	Potato	Kufri Lalit	Foundation	128.00
19	Elephant Foot Yam	Gajendra	Truthful	201.00



Seed Production Activity by Divyayan KVK

D.5 Petroleum Conservation Campaign Sponsored by Petroleum Conservation and Research Association (PCRA)

The objective of the programme was to create mass awareness about the methods of effective conservation and efficient use of Petroleum Products (Petrol, Diesel, Kerosine etc.) through available technologies, good operational method and periodic maintenance of equipments, implements and tools used by the rural community in general and farming community in particular by Divyayan KVK in collaboration with PCRA

Activities Undertaken

Under this programme Agricultural Workshops were conducted in different villages of Ranchi district. Audio visual shows were conducted for better understanding of the technologies. Farmers were also motivated through displaying success stories. Details of the programme are as follows :

No. of Agricultural Workshop - 16

No. of Locations/villages - 16

Total Number of participants -496

Average number of Participants per agricultural workshop was 31 and One day Kisan Melas could not be organised due to restrictions imposed to contain covid-19 infection.



PCRA Agriculture Workshop

D.6 Jharkhand Tribal Empowerment and Livelihoods Programme (JTLP) (27th April 2018 to 31st Dec 2021)

Ramakrishna Mission Ashrama, Divyayan, is the implementing agency for an IFAD -JTDS supported project- Jharkhand Tribal Empowerment and livelihood project (JTLP) in tribal locations of the Angara block of Ranchi district. The overall project goal is to "improve the living conditions of tribal people in general and PTGs in particular" through fostering community-based institutions, introduction of sustainable natural resource management systems and enhancing of food security and cash incomes by introducing improved farming practices and proven production technologies; 35 villages were covered under this project.

To harness and develop the potential of rural youth 7 Male Youth Group (YG), 3 Mix Youth Group (YG) and 5 Female Youth Group (FYG) have also been formed. Youth groups are doing extremely well in their business. The major achievement in agriculture was that of Khariff, Rabi and Zaid. In 2020-21 Rabi 1327.53 acre and Zaid 142.37 acre of fallow land was brought under cultivation. In Zaid more than Rs 1460548 was earned by different farmers by selling the creepers crops. RKM has also facilitated in developing papaya plantation in 2 acre in the project area.

Nutrition Garden is an improved form of kitchen garden where selected vegetable crops are grown systematically so as to meet the nutritional requirements of the family and to fight against anemia and malnourishment. Nutrition gardens are a micro-solution and an affordable way of ensuring healthy food and balanced nutrition. This year Nutrition garden was supported to 333 Households which consists of various crops like Lal saag, lady finger, bottle gourd, cucumber, bitter gourd & sponge gourd.

Details of the farm implements provided to Beneficiaries and FSCs are as follows

Implements Distributed among Beneficiaries		Implements Provided to FSCs	
Activity	Number/acres	Activity	Number/acres
Diesel pump	37	Rice huller	3
Electric pump	38	Paddy Thresher	12
Dry land weeder	316	Honda pump	6
Cono weeder	366	Dry land weeder	20
Rain water pipe	374	Cono weeder	13
Sprayers	51	MB plough	10
Pumpset	35	Dutch hoe	150
Nutrition garden	383	Grubber	30
Training	331		



Irrigation Well Constructed under JTLP



Rabi Crop Cultivated by Beneficiaries



Rabi Crop Cultivated by Beneficiaries



Installation Of Irrigation System



Rabi Crop Cultivated by Beneficiaries



Nutrition Garden



Farmers Service Centre



Distribution of Pump



Papaya Plantation

D.7 JTDS Sponsored Apiary Project (27th April 2018 to 31st Dec 2021)

Keeping in view potential production of Honey in the State of Jharkhand, Divyayan Krishi Vigyan Kendra in collaboration with Jharkhand Tribal Development Society (JTDS) launched an Apiary Project with an objective of providing training on Scientific Apiculture to 500 tribal youths and to provide each of them with 5 Honey boxes along with bee colony to start their micro enterprise.

During the project period 505 tribal youths have been provided training from 90 villages of 4 districts viz Khunti, Latehar, Lohardaga and Ranchi. After the training they were also provided with bee boxes, stand, bee colonies, feeder, sulphur powder and sugar.

Apiculture and JTELP project of JTDS are under convergence for better hand holding and monitoring support. Community Resource Person (CRP) and Community Facilitator (CF) from JTELP project has been trained in pre and post care management of bee colonies, as handholding support systems. The training was conducted in presence of DPMU and Block level JTELP Team consisting of CRP, CF and Block level Executive from all 4 District of Jharkhand. Progressive farmer has been tied up with other beneficiaries for migration and market development.

500 beneficiaries have been provided Bee Boxes and other accessories like stand, Bee colonies, Honey Extractor, DB feeder etc. Each beneficiary was provided with 5 boxes, 5 stands, 5 Bee colonies, 5 DB feeder etc. One Honey extractor was provided for each 10 beneficiaries. 467 beneficiaries were provided italian bee boxes and 33 beneficiaries were provided indigenous boxes.



Training Provided to Beneficiaries



Distribution of Bee Boxes, Bee Colonies and other inputs

D.8. Promotion of natural resource based organic farming

Agriculture is the main occupation for the 80% of rural population of the district because they are engaged in agriculture and allied field as their primary income generating activities for their livelihood. The major crop of the District are- paddy, finger millet, sorghum, maize, pigeon pea, black gram, gram, niger, mustard, and vegetables. Paddy is cultivated on around 80 percent of the gross cropped area. But the growth of modern scientific, input intensive agriculture has pushed production and productivity to wall.

So a project sponsored by **ICAR - Sponsored ICAR-Directorate of Groundnut Research, Junagarh, Gujarat** was conducted to promote organic farming as it has emerged as an alternative system of farming which not only addresses the quality and sustainability concerns, but also ensures a debt free, profitable livelihood option for tribal farmers.

The Project had two components

1. Promoting Organic Farming for income generation
2. Upscaling of traditional goat farming in Ranchi district

Project Area : Gundlitolli & Simratoli village of Anagara Block, Ranchi

To meet the above said objective 50 beneficiaries of the project area were selected through Rapid Rural Appraisal and were provided a 5-day training on "Organic Farming based on local resource".

Then for developing organic cluster, NADEP pit, cow floor for easy collection of urine, dung and fodder waste for preparation of liquid manure, plantation related to agro-forestry was developed around the field of each farmer in the village for boosting production of foliage to be used as biomass resource in organic farming. Plastic drums/ cans were distributed among farmers for preparation of organic liquid manure and bio-pesticide. Farmers were also trained in preparing different types of liquid manure like beej sanjeevani, sasyagavya, panchgavya and bio pesticide like dasparni.

Following inputs and assets were created for development of organic cluster

NADEP pit	50 Nos.	Cow Floor	50Nos.
Plastic Drum	500 Nos.	Training	2 batches

Regular follow up and monitoring was done by



Cow Floor



NADEP UNIT



Cow floor



Plastic Drum for Liquid Manure

KVK scientists to solve problems of farmers while starting their own enterprise. The organic cluster was nurtured, guided and encouraged to grow and flourish as a model organic village.

Demonstration of two tier poultry bird cum duck house

As a part of income generation and assets creation activity, 10 farmers of 5 different villages from Nawagarh Panchayat were selected having seen their poor economic condition and road side connectivity. The Duck cum poultry shed was provided to them by taking 10% contribution of Rs 4500 per unit. So that invested money will motivate the farmers to take proper care of poultry cum duck units. 13 poultry birds and 5 ducks of Khaki Campbel variety were given to each of the farmers.

Housing management for Goats

It has been felt that Goat rearing is equally rewarding under both intensive and semi intensive systems of management. The project was implemented in Rahe, Lapung and Angara blocks of Ranchi where villages are surrounded by hills and forest areas and acres of barren land are found. Lack of assured irrigation facilities and cultivable land has led the villagers to adopt animal based farming as livelihood option.

After selection of the beneficiaries a 5-day training programme was conducted on “Scientific Goatery Management”. Then 64 Raised platforms were constructed in different villages by which significant impact of housing management was observed on mortality and morbidity of goats.

Regular follow up and monitoring was done by KVK scientists to solve problems of farmers while starting their own enterprise. The groups were nurtured, guided and encouraged to grow and flourish as a model of agri-enterprise.

Development of Agroforestry model: Agroforestry model was developed around the field of each farmer in the village for boosting production of foliage to be used as biomass in local resource based organic farming.

25200 nos of Tephrosia, Subabool plants were planted along the border of fields.



Two tier poultry bird cum duck house



Two tier poultry bird cum duck house



Raised Platform for Goat Rearing



Agro-forestry Model

D.9. Mustard Promotion in Rice Fallow Area

A Front Line Demonstration programme on mustard was conducted at Baridih village of Bero block in collaboration with ICAR-DRMR, Bharatpur in 100 acre area. The main objective of the project was to improve tribal farmer's growing practices by undertaking capacity building programmes for the tribal farmers of Ranchi district. The ultimate goal is to increase rapeseed-mustard production in the area to alleviate poverty of the scheduled tribes of the district.

Sl. No.	Activities	No. of Programmes	No of Beneficiaries
1.	Front Line Demonstration	100	100
2.	Two -day training programme	2	30 Trainees
3.	Awareness Camp	4	130
4.	Exposure Visit	1	30
5.	Distribution of seed (PM-30)	1	240 kg
8.	Input Distribution		
	a. Xalori for seed treatment		2 ltrs.
	b. Nano Urea		50 ltrs.
	c. Sagarika		72.5 ltrs.
	d. Panchagavya		500ltrs.
	e. Dashparni Bio-pesticide		1000ltrs.
	f. Karanj Oil		100ltrs.
	e. Sprayer (Aspee)		90 nos.
	f. Sickle		100 nos.
	g. Hoe		100 nos.

Impact of the programme

Previously mustard was taken only as an intercrop with potato and other vegetable in the village. Under this project new high yielding variety Pusa Mustard 30 was introduced. 100 farmers of the village had cultivated mustard as a sole crop for the first time. After this practice the yield increased by 30 % which is a significant achievement not only for income generation but also for nutritional security.



सरसों की खेती पर किसान गोष्ठी आयोजित

पंच संवाददाता
खेड़ी । दिव्यावन कृषि विज्ञान केंद्र मोरहाबादी रांची के तत्वावधान में मंगलवार को प्रखंड के बारीडीह गांव में सरसों की खेती पर एकदिनी किसान गोष्ठी सह प्रखेत्र दिवस का आयोजन किया गया। कार्यक्रम में कृषि वैज्ञानिक डॉ. नेहा राजन ने बताया कि पसा सरसों-30 झारखंड के मौसम में काफी उपयोगी है। उन्होंने कहा कि इस सरसों की खेती में कीटनाशकों का प्रभाव कम है। सरसों की खेती के लिए भारतीय कृषि अनुसंधान संस्थान सरसों अनुसंधान निदेशालय रांची द्वारा लगातार चार साल से 100 किसानों को निःशुल्क बीज, खाद, कीटनाशक और कृषि यंत्र दिया जा रहा है। यही बारीडीह गांव में 25 किसानों को बीज, खाद, कीटनाशक और कृषि यंत्र दिया गया। साथ ही किसानों को सरसों के बीज के रख-रखाव व भंडारण के बारे में विशेष

माही न्यूज बेड़ो

जानकारी दी गई। वहीं ग्राम प्रधान विनोद उरांव ने किसानों को सरसों की खेती करने के लिए जागरूक किया। कार्यक्रम को सफल बनाने में बामदेव उरांव, सुरेश उरांव जलील अंसारी, सावित्री देवी व रुक्मणी कुमारी सहित कई लोगों ने सहायनीय योगदान दिया।

D.10. Low Cost Organic Farming System & Lift Irrigation (Sponsored by ASPEE FOUNDATION)

Keeping in view the adverse effect of conventional farming with chemical inputs on land and environment, Divyayan KVK promoting organic cultivation practices in six villages of Angara block of Ranchi district namely Dhurleta, Budhakocho, Gundalitoli, Simratoli, Piprabera, Nagrabera and five villages of Nawagarh panchayat in collaboration with different govt. agencies. In order to extend its technologies of organic farming KVK has recognized many other villages of Ranchi district also. There is one such village named Soba, in Burmu block of Ranchi district. Rice based Rainfed agriculture has been predominant here due to limited irrigation sources. Most of the cultivable land remains fallow in Rabi season. Land situation is also suitable and farmers are very keen to make this village a leading organic vegetable grower. Despite the scarcity of water some farmers are growing vegetables organically with the help of water conservation techniques and their own irrigation means.

Keeping the above-mentioned information in view, this project is designed with the following objectives,

1. To maximize crop production in the target area ensuring round the year vegetable production through assured irrigation.
2. To develop a model organic cluster in target village.
3. To promote 'Low-Cost Local Resource Based Organic Farming' in the target area and ultimately the whole village through trainings and demonstrations.
4. Demonstration of multi-tier Maize Fodder and Azolla Production through Hydroponic System for animals which are essential for organic farming.
5. To bring significant change in socio-economic status of farmers.

Project implementation details

- A. Components
 - i. Lift irrigation system
 - ii. Demonstration unit of Hydroponic maize fodder production system
 - iii. Demonstration unit of Azolla production system
- B. Location
 - i. Lift irrigation system - Village – Soba, Block – Burmu, Ranchi
 - ii. Demonstration unit of Hydroponic maize fodder production system - Divyayan Krishi Vigyan Kendra, Ramakrishna Mission Ashrama, Morabadi, Ranchi
 - iii. Demonstration unit of Azolla production system - Divyayan Krishi Vigyan Kendra, Ramakrishna Mission Ashrama, Morabadi, Ranchi



Pump House at Soba Village



Azolla and Hydroponic Unit



Poultry birds feeding on azolla



Cattle feeding on maize hydroponic

D11. Khari of Paddy Minikit Demonstration Through ICAR- National Rice Research Institute, Cuttack, Odisha

Rice is a major cereal crop of the district. Zinc malnutrition is a major issue in district and as well as whole country where polished rice is a staple food. According to World Health Organization, zinc deficiency is the fifth important factor for illness and diseases in developing countries. Imbalanced supply of nutrients and micro nutrients leads to their deficiency or accumulation affecting the human metabolism. Zinc deficiency causes diarrhea, respiratory diseases and is also associated with poor growth, loss of appetite, skin lesions, impaired taste acuity, delayed wound healing, hypogonadism, delayed sexual maturation, and impaired immune response.

So a demonstration of bio-fortified varieties of paddy seed was conducted at Dhurleta and Budhakocha villages under Angara Block of Ranchi district to assess the performance of these seed in the agro climatic condition of Ranchi district. Performance was assessed on different factors like yield, biotic/abiotic resistance, grain quality, farmers' acceptability etc.

The findings of above demonstration are as given below :

S. No	Name of new rice varieties demonstrated	Name of the new rice varieties demonstrated (ton/ha)			Grain Yield of Local Check variety (ton/ha)		Avg. cost of cultivation (Rs./ha)
		Minimum	Maximum	Average	Name	Avg. Yield	
1	CR Dhan 310	3.82	4.46	4.14	Naveen	4	46941
2	CR Dhan 311	3.54	4.53	4.03	Naveen	4	46520
3	CR Dhan 315	4.62	5.42	5.02	Naveen	4	48550
4	CR Dhan 209	3.12	3.82	3.46	Sahbhagi	3.2	45562

Based on the above findings it was concluded that among all the four varieties, biofortified variety CR Dhan 315 had maximum yield followed by CR Dhan 310 where as CR Dhan 311 and Naveen had at par result. As far as duration of maturity is concerned, Bio-fortified variety 311 took minimum days(118 days) to mature and this variety will be best suited in Rice-wheat or Rice-chickpea/mustard cropping system in the district. The bio-fortified rice varieties CR Dhan 315 had taken maximum days to attain maturity and may be recommended for low land areas of the district as it showed maximum yield. Taste of cooked rice of bio-fortified varieties was good in comparison to Naveen variety.



Demonstration of Bio-fortified Varieties of rice

D12. Workshops, Seminars and other Awareness Programmes

ICAR Foundation Day

On the occasion of foundation Day of Indian Council of Agricultural Research, New Delhi, a programme of Tree plantation and 'Kisan Gosthi' was organized by Divyayan Krishi Vigyan Kendra, Ranchi. Trees like bahera, neem, lime, mango, ber etc. were planted in KVK Main Campus, Ranchi and KVK instructional farm, Getalsud, Angara, Ranchi. The tree plantation drive was also organized at different places between 5 June, 2021 to 16 July, 2021 and total 1565 plants have been planted on different locations during this period. Kisan Goshthi organized in Bero Block of Ranchi was attended by 54 farmers.



Nutrition Month

Divyayan Krishi Vigyan Kendra, Ramkrishna Mission Ashrama, Morabadi, Ranchi organised a campaign on “Nutri- Garden and Tree Plantation” to mark as a run-up of the International Year of Millets 2023 under Azadi Ka Amrit Mahotsav, celebrating 75 years of India's Independence. The program was organised in joint collaboration with Divyayan Krishi Vigyan Kendra, Indian Farmer's Fertilizer Cooperative Limited (IFFCO), Ranchi and Krishak Bharati Cooperative Limited (KRIBHCO), Ranchi. The program was started with formal illumination of lamp and Vedic Mantrochar by the chief guest. The chief guest of the program was Shri Samari Lal, MLA of Kanke block, Ranchi. The program was chaired by Swami Bhaveshanada, secretary of Divyayan krishi Vigyan Kendra, Ramkrishna Mission Ashrama, Ranchi who delivered welcome speech. The program was started with tree plantation by the chief guest.



A program was also organised at Katangdiri village of Burmu block in which a total of 123 people participated most of whom were women. The chief guest of this program was Smt. Parvati Devi, Upadhyaksh, Zila Parishad, Ranchi. Special guest of this program was Shri R. K. Singh, State marketing Manager, IFFCO, Ranchi. Other guests of the program were Shri Chandan Kumar from IFFCO, Shri Satya Narayan Munda, Leader of Chainpur Panchayat, Ranchi.

International Women's Day

An awareness programme was organized in collaboration with department of Agriculture, Animal Husbandry and Cooperative, govt. of Jharkhand to celebrate International Women's Day on 8th March. The theme of the program was Women Leadership in Agriculture: Entrepreneurship, Equity & Empowerment (3Es). The programme begun with formal inauguration with illumination of lamp and chanting of Vedic Mantra. The chief guest of this programme was Smt. Nisha Oraon Singhmarr, Director Agriculture, Govt. of Jharkhand. The programme was chaired by Swami Bhaveshananda ji Maharaj, Secretary of this Ashram. The programme was attended by Sri Vikash Kumar, DAO, Ranchi, Dr. Ajeet Kumar Singh & Dr. Raghav Thakur.



Chief guest, Smt. Nisha Oraon Singhmarr, addressed all the women and stressed that development of agriculture in the state depends more on the women as they play important role in all agricultural activities. She informed them about different schemes of the govt. of which they can get benefit by forming SHG groups. She motivated the women of 'Self Help Groups' and said Ranchi district is going to organize 'Hunar Hat' so that women can sell their product at a good price and become self-sufficient.



Swami Bhaveshanad Maharaj, Secretary of Ramakrishna Mission Ashram, in his presidential speech said that Ramakrishna Mission Ashram is working for empowering women since many years. Recalling the ideologies of Swami Vivekananda, he said that progress of women is possible by skilling them in different agriculture and allied trades and in secondary agriculture. Swami Ji also focused on Moral Education of women. The program ended with honouring a few of the women participants. Around 250 people participated in this programme along with women of many villages of Ranchi district.

World Soil Day

Divyayan Krishi Vigyan Kendra observed World Soil Day on 5th December 2021 at the conference hall of Divyayan Krishi Vigyan Kendra, Ramakrishna Mission Ashrama, Morabadi Ranchi. The programme was chaired by Dr. Anjani Kumar, Director, ICAR-ATARI, Patna. The objective of the programme was to raise awareness of the importance of maintaining healthy ecosystems and human well-being by addressing the growing challenges in soil management, fighting soil salinisation, increasing soil awareness and encouraging societies to improve soil health. This year theme of world soil day was "Halt Soil Salinization, boost soil productivity". On this occasion Dr. Anjani kumar emphasised that farmers should know about the health status of soil and how to improve its health with susutaibale soil health management. He urged the farmers to work towards improving soil health and its conservation.

Women Farmers' Day

Women Farmers' Day was observed on 15th October, 2021 at Angara Block where 68 farm-women participated in the programme. Through this programme, the women farmers were made aware about different income generation programmes which can be carried out through SHG. A scientist-farmer women interactive sessions was also organised to link secondary agriculture related activities with livelihood security of farm families, including mushroom cultivation, production of vermi compost in Integrated Framing System etc



National Unity Day

A programme was conducted on 31st October, 2021 to commemorate the birth Anniversary of Sardar Vallabhbhai Patel the Iron Man of India and to remember his contribution in making of India. The programme was attended by 28 farmers and trainees participated. The participant were made aware of the importance of this day and contribution of Sardar Ballavbhai Patel in making India. Pledge taking ceremony was also organised

Vigilance Week

Vigilance week was observed from 26th October to 1st November, 2021 with the objective of generating awareness in public at large about all the ill effects of corruption and to uphold highest standards of honesty, transparency & integrity by adopting integrity pledge of the central vigilance commission. This year the main focus of the programme was "Independent India @75: self reliance with integrity". A series of programmes consisting of displaying of banner, organising awareness camp, integrity pledge etc were conducted to mark this event.

Food and Nutrition Programme

Food and Nutrition program was organised for the farmers under "Azadi ka Amrit Mahotsav" in the auditorium of Divyayan Krishi Vigyan Kendra, Ramakrishna Mission Ashrama, Morabadi, Ranchi on 26th August 2021. The main objective of the program was to create awareness among farmers about Nutrition Garden for nutritional security, usage of bio fortified crop varieties and millets.



The program was attended by Dr. Ajeet Kumar Singh, Senior Scientist & Head along with other scientists of Divyayan Krishi Vigyan Kendra, Ranchi. A total of sixty-five farmers participated in this program.

In the beginning of the program, Dr. Bharat Mahto, Subject matter Specialist, Veterinary talked about importance of protein and its sources in detail. Dr. Mahto motivated the farmers for goatery and poultry. Dr. Garima Mishra, Subject Matter Specialist, Home Science discussed about Health and Nutrition of farmers. She discussed about the importance of balance diet to combat malnutrition among children and women in detail.

After this, broadcasting of the program organized by Indian Council of Agricultural Research New Delhi was done to the farmers in which Shri Narendra Singh Tomar, Union Agriculture Minister, and Shri Kailash Choudhary, Minister of State for Agriculture and Farmers' Welfare talked about different programmes run by government to ensure the nutritional and food security of the farmers. A total of 144 women participated in this programme of which 102 women were Anganwadi Workers. During the entire programme vegetable seed kit and guava plants were distributed among all the Anganwadi workers provided by IFFCO, Ranchi for the promotion of Nutri- Garden.



International Yoga Day

On the occasion of international Yoga Day, online programme through google meet, youtube live was organized. Smt. Droupadi Murmu, Hon'ble Governor of the Jharkhand was the Chief Guest of the occasion. Around 200 participants joined the programme in online mode. Revered General Secretary Mj from Belur Math had also sent his message which was shown during the programme. Children of Badri Village of Angara village also displayed their enchanting Yoga Skill in the programme. At the end of the programme Smt. Droupadi Murmu, Hon'ble Governor of the Jharkhand declared the prize winners names of yoga competition which was conducted prior to this programme.



Live Telecast of Hon'ble Prime Minister's Speech on Natural Farming

A special programme was arranged for the live telecast of Hon'ble Prime Minister Sri Narendra Modi's speech on natural farming to conserve the soil and soil health and to reduce input cost of farming. Prior to the programme a farmer scientist interaction programme was conducted on "Building and expanding Natural Farming". Around 150 participants participated in the programme.

Swachh Bharat Abhiyan

Special Swachhata Abhiyan programmes were conducted under observance of Swachhata Pakhwada from 16 - 31 Oct 2021 to create awareness about cleanliness, waste management and its role in integrated development through a series of programmes. It also included sanitation and cleaning activities in villages of Ranchi district..

Sl. No.	Date	Activities	Number of Participants
1.	17-12-2021	Cleanliness Drive at Divyayan KVK	15
2.	18-12-2021	Cleanliness and sanitation at Tigranayatoli, Ratu	19
3.	19-12-2021	Cleanliness and sanitation at Budhaguju, Silli	15
4.	20-12-2021	Stock Taking of waste management	31
5.	21-12-2021	Recycling of waste water and water harvest	18
6.	22-12-2021	Demonstration technology on conversion of waste into wealth	32
7.	23-12-2021	Kisan Diwas	54
8.	24-12-2021	Cleanliness and sanitation drive at Soba, Burmu	34
9.	25-12-2021	Cleanliness and sanitation drive at Divyayan KVK	54
10.	26-12-2021	Competition at Divyayan KVK	22
11.	27-12-2021	Waste Management at Divyayan KVK	22
12.	28-12-2021	At Divyayan	21
13.	29-12-2021	Vermi Composting	41

Under swachhata action plan (SAP), 4 programmes were conducted involving 90 participants





E. Health Care

- **Charitable Dispensary**
- **Weekly Medical Camp**
- **Special Medical Camp**
- **Naren Eye Care Programme (For Children Eye Sight)**
- **Vivekananda Eye Camp (For Cataract Treatment of Adults)**

This Ashrama has been rendering health care service through a Charitable Dispensary and Mobile Dispensary. Both the units have a pool of 17 specialist doctors of various ailment areas like cardiology, gynaecology, pediatrics, skin and VD, orthopaedics, ophthalmology, dentistry etc, who offer their honorary services on regular basis.

Charitable Dispensary

The Charitable Dispensary, established in the Ashrama campus, mainly caters to the needs of the poor and other needy people of Ranchi city. A good number of latest equipments like ECG machine, Suction machine(ENT), Dental Chair, Computerized Refraction machines etc. have been installed for better diagnosis of the patients.

Performance of Charitable Dispensary

Unit	No of Patients Treated
Homeopathic	329
Consultancy (Allopathy)	4086
Specialist Service	18



Allopathic Service



Homeopathic Service



Patients are waiting for their turn

Mobile Dispensary (Partially sponsored by Ministry of Tribal Affairs, Govt. of India)

It runs through the remote villages of Ranchi district to provide health care service to the villagers. Weekly and special medical camps are organised through this unit. During the year 2021-22 the villages covered under the weekly medical camps programme mainly belonged to Angara and Burmu Blocks of Ranchi and Karra Block of Khunti District as given below.

Angara Block:

Getalsud, Bisa, Nawagarh, Maheshpur, Kuchu, Haratu, Sursu, Tati, Jonha, Heshatu, Rajadera, Jaradih, Mungadih, Dimra, Mesabeda, Dublabera, Skarjara, Seetadih, Jarga, Paika, Tabishugari and Putadag.

Burmu Block:

Surid, Gesway, Soba, Baria, Gutru, Mataway, Korabar, Turmuli, Manatu, Healpiri, Gurguchuma, Katangari, Maccya, Kori, Kharkutoli, thakurgaon, Omeadanda, Patraru, Pithoria and Salhan.

Karra Block:

Chanpi, Mahato Toli, Munda Toli, Karam Toli, Simar Toli.

Performance of Mobile Dispensary

Village	No. of Patients Treated	Village	No. of Patients Treated
Getalsud	2936	Surid & Gutru	2897
Bandhtoli	2022	Special Camps	1867

In all 9722 patients were treated by this unit and the patients were provided with medicines free of cost. Besides the medical treatment, health education and awareness programme among the villagers were also conducted as before.



Special Medical Camp



Free Medicine Distribution



Weekly Medical Camp



Mobile Medical Van



Weekly Medical Camp



Free Distribution of Medicine

Naren Eye Care and Vivekananda Eye Camp Programme Sponsored by Blind Foundation for India, USA

This Ashrama, in collaboration with Blind Foundation for India, USA, has been executing Naren Eye Care (For Children) and Vivekananda Eye Camp Programme (Cataract detection and operation for adult) since 2010 for providing eye care service to the rural children and adult deprived of all types of medical facilities. Generally the headmasters of respective schools are contacted through our volunteers of Vivekananda Seva Sangh to fix the date of the camp. Then in the camp, eye check-up is done followed by a small awareness meeting on the "Proper Care of Eye". Once the children are identified with problem in eye sight they are provided with spectacles in the next camp. Children are also provided with medicines like vitamin-A, de-worming tablets, eye drop etc. The cataract operation camps are also organised for the elderly people. After the identification of cataract, proper medical tests are done before cataract surgery.

To execute this programme successfully, this Ashrama has a collaboration with Niramaya Hospital, Ranchi, which bore all the operation and post operation costs. The performance record of this programme is as given below :

Naren Eye Care (Children Eye Sight Programme) and Vivekananda Eye Camp (Cataract Identification/Operation Camp for Elderly People)

Total Number of Camps	96
Total Number of Villages	105
Total Number of patients covered under Cataract Identification Camp	2849
Total Number of Patients undergone cataract operation	121
No. of Children Covered	638
Distribution of Spectacles	67



Spectacle Distribution



Naren Eye Care and Vivekananda Eye Camp

F. Integrated Education

(Formal, Vocational and Moral)

Rural Education, NIOS, ASSK, Gurukul, Annual Competition,
GAP, Library

*We want that education by which character
is formed, strength of mind is increased, the
intellect is expanded and by which one can
stand on one's own feet.*

-Swami Vivekananda



Rural Education:

The present education system aims at a white collar job and it is leading towards poverty and unemployment. It is a system that does not provide scope of development of creativity and free thinking power in children. It takes away a farmer's son or daughter away from cultivation, production and self-reliance. Children from the very beginning feel study a burden, full of tension and heavy books give rise to nervousness. Thus an entirely new approach is required. The delivery system needed to be altered drastically. Changes in strategy, i.e. devising altogether new delivery mechanism, is the need of the hour. A model is required that may make the children feel study as easy and burden free, tempt them to learn and put them into a search mode & search for the new things.

In this regard this Ashrama have been assisting **primary schools and Akhandananda Shiksha and Sanskar Kendras and Gurukula Centres** run by NGOs and Vivekananda Seva Sanghas formed by our ex-trainees at Angara, Burmu, Bero, Mandar, Tamar Blocks under Ranchi District and Murhu Block under Khunti Districts.

A unique technique of teaching has been developed which includes games, models, demonstration, discussions, charts, maps as learning implements vis-a-vis books. Creativity development is brought through sketches, paintings, model making and use of geometry box.

Under unique teaching technique students were guided to play special types of games aimed at enhancing the power of concentration, memory, alertness and smartness leading to the personality development. For integrated development of the children special classes are conducted for Yoga, meditation, PT and marching practices.

Children are taken on excursion to get them exposed to the nature. They are made familiar with trees, seeds and crops. They are made to recognize every component of the nature and are explained how we are related to the nature. Children are made aware of Health & Hygiene. Periodical medical check-ups are arranged.

Besides the regular primary schools, most of our **Akhandananda Shiksha and Sanskar Kendras** are conducting evening coaching classes in their respective villages. Besides the regular course, value education classes are also conducted in these coaching centres to inculcate the feelings that man is potentially divine and religion is the manifestation of the divinity in man. Emphasis is given on cultivation of goodness - 'Be good and help others to be good'.

But during the reporting period, the activities of these centres became limited due to Covid-19 pandemic. Regular classes could not be held, however Vivekananda Seva Sangha members made every effort to keep up the activities which have been taught to the students in their home itself.

Maa Sarada Gurkul at Chipibandihi, Tamar - Sponsored by Soul Divine

Since the inception of 'Divyayan' the rural development wing in the year 1969, this ashrama is tiring hard for the all-round development of the tribal people in the remote villages of Ranchi and its adjoining area. But in the year 1990, with the financial assistance from District administration first step was taken to save the primitive tribes mainly dwelling in the forest of Tamar Block of Ranchi by constructing a Community Hall

and 14 Indira Aawas Yojana Houses for Birhor primitive tribes at Chipibandhdih village. Then in year 2003, 70 dwelling units called Birsa Aawas were constructed at Chipibandhdih, Basukocha and Budhadih under same Tamar Block. All through these years different rural development activities were carried out as these Ashram does for other tribal villages. But, it was felt in the year 2015, despite our all effort this Ashrama could not notice any permanent and satisfactory development in these primitive tribes.

In the year 2015 a group of noble hearted young Indians residing in USA along with few of their friends residing in India under the name 'Soul Divine' came forward to help this Ashrama provide elementary education and nutritious food the children with an objective to rectify the budding generation for a better future generation. A few student were sent to Adyapith, Kolkata to provide quality education. But after some time, children came back and were not ready to return to Adyapith, Kolkata.

Hence it was strongly felt that children needed to be educated and groomed at their own village by constructing a hostel and classrooms for them. With the financial assistance of 'Soul Divine Group', the same community hall constructed in the year 1990 was renovated and was given the name Maa Sarada Gurukul. Children from class 3 to 5 of this Primitive Tribe has been enrolled in this Gurukul. They are given moral and physical education by prayer, Swadesh Mantra of Swami Vivekananda, practice of Yoga etc. They are given school education by admitting them in nearby Government school. It is the aim of this Gurukul to make children educationally more qualified so that they can get admission in better schools like Jawahar Navodaya Vidyalaya: Kasturba Gandhi Vidyalaya: Eklavya Model Residential School, Salgadih, Tamar (Ranchi): Netarhat Awasiya Vidyalaya, Latehar: Ramakrishna Mission, Jamshedpur :Vivekananda Central School, Hazaribagh etc.

The purpose of this Gurukul is to make children morally, physically and educationally fit to Cope up with current educational development so that their entire community can be uplifted and saved from depletion.



Maa Sarada Gurukul Activities

National Institute of Open Schooling:

Ramakrishna Mission Ashrama, Divyayan Krishi Vigyan Kendra, Morabadi, Ranchi, successfully continued its endeavour for the upliftment of rural youth in the field of sustainable education through synergy of formal education, multi-skill vocational education with moral education to make the youth self- reliant as envisaged by Swami Vivekananda.

Despite massive expansion of the education system in the country, a large number of adolescents and youths, particularly from the economically weaker sections and in rural areas, are not able to acquire school education. In this backdrop, Ramakrishna Mission Ashrama, during extensive rural development work, realised that integrating vocational education at Divyayan with school education with the help of National Institute of Open Schooling (NIOS) can provide necessary employability skill and at the same time, underprivileged and poor rural youths particularly tribal, can get the opportunity for higher education in college and University. That innovative and noble approach yields wonderful result.

With a motto, 'to educate every rural youth' We have initiated distant education through NIOS and since the year 2001, Ramakrishna Mission Ashrama, Ranchi, is working as an accredited Institute of NIOS, running the courses of: Open Basic Education (OBE) for the children up to class eight; Secondary and Senior Secondary and Vocational courses. So far 2318 children out of 2421 have passed eighth standard; 104 out of 262 have passed vocational courses; 939 out of 1821 have cleared Secondary and 870 out of 1821 have cleared Senior Secondary courses.

During the reporting year 46 students in secondary, 101 in senior secondary and 4 in vocational courses have been enrolled.

To sustain this approach, we have developed a mechanism that, rural youths, particularly school drop-outs who have come for undertaking vocational training at Divyayan for long duration course, are given the opportunity for secondary and senior secondary courses of NIOS along with multiskilled vocational courses of Divyayan and also of NIOS, free of cost. After successful completion, they may further join different diplomas/degrees/certificate courses offered by Ramakrishna Mission Vivekananda Education and Research Institute (RKMVERI), in the Faculty of Agriculture Rural and Tribal Development (ARTD), Morabadi, Ranchi, through formal procedure. As of now, twenty-two (22) rural youths who took training at Divyayan, have completed degree. Out of which 12 graduates and 10 master degree from RKMVERI and all of them are well established in different institutions.

This is really amazing that those boys, who were tending animals and helping their parents in livelihood and got education in their generation only, are now working as executives in different organizations. Seeing the significant and incredible success in this approach, we have decided to document their success-stories as an example and for an eye-opener to all the stake-holders of rural development particularly in the field of education.

Akhandananda Shiksha and Sanskar Kendra (ASSK)

The message of Sri Ramakrishna and Swami Vivekananda inspired Swami Akhandananda (direct disciple of Sri Ramakrishna) to begin rural development work much before the Ramakrishna Mission came into existence. Swami Akhandananda as a wondering monk while in Khetri (Rajasthan) during 1894, he went from door to door all along to bring awareness in the people about the utility of the education and it was because of his efforts that the number of student in the Khetri Rajya, English School rose from 80 to 200. Under his inspiration, the Maharaja of Khetri arranged for the education of the Golas (illiterate slaves) and also set up a permanent education department to open schools in the villages.

Taking the inspiration from the above, this Morabadi centre of Ramakrishna Mission Ashrama launched an ambitious project on the holy occasion of 150th Birth Anniversary of Swami Akhandananda on 12th October 2015 named as Akhandananda Shiksha and Sanskar Kendra in Ranchi district.

The objective of this project is to integrate academic, vocational and moral education for the children in the villages of our operational area for man-making and character building education as envisaged by Swami Vivekananda.

Under this project, the children of class 5 are prepared to equip themselves for the entrance exam for Navoday Vidyalaya, Kasturba Kanya Vidyalaya, Ekalavya Vidyalaya etc. Recently in March 2022, 15 students gave entrance exam for Vivekananda High School, Chenab Road, Jamshedpur and two students were selected to enter for class 7.

Total Kendras in this project are 38 in Ranchi district. It is spread through out 5 blocks of Ranchi district like Angara(32), Burmu (3), Bero (1), Tamar (1), Kanke (1).

Total students in all 38 centres are 1618 (735 boys and 839 girls). In class 0-2, there are 525 students, in class 3-5 there are 514 students, in class 6-8, total students are 417, and in class 9 & above total students are 514.

Classes are taken on all the days except Sunday. Students are taught Yoga, game, Personal Hygiene, cleanliness, Prayer, Swadesh Mantra, chanting from 4:00 PM to 6:00 PM and classes of text book like Math, Science, English, Hindi, Social Study, & General Knowledge of school curriculum are taken from 6:00 PM to 8:00 PM.

Students are given special training on Leadership once in a year. Quiz competition 2021 based on ideas and ideals of Swami Vivekananda was organized for the all students under this project. Students were taken on educational tour to Birsia Jaivik Udhyan, Ormanjhi, Ranchi district during the year of 2021.



Distribution of Study Material



Class Room Study



Recitation Competition



Quiz Competition



Leadership Training



Educational Tour

51st Annual Competitions - 2021

Every year Annual competition is organized in the Month of July. The objective of the competition is to acquaint the future citizens with life and teachings of Swami Vivekananda through his powerful speeches and writings for the development of their own and our motherland. But since the year 2020, due to covid-19 pandemic, Annual Competitions are held in hybrid mode i.e. both online and offline. This mode gave us opportunity to target students all over Jharkhand like last year. So the competition which used to be a District level event, it became a state level event. Online registration started in the month of August-2021 and prize distribution programme held in the month of January-2022. The competition consisted of 3 events viz. quiz, recitation and essay competition and the participants were divided into 8 groups based on their classes and profession (Teachers and Other). The programme was conducted in association with Indian Yoga Association, Ranchi and Lions Club International, Ranchi

The main features of the competition were a) Free online registration b) E-certificates to all participants c) Cash prize for First -Rs. 5000, Second-Rs. 3000 and Third-Rs. 2000 d) Best School Award depending upon number of participants.

In each district, a coordination committee was formed with active members from different NGOs / associated organizations. 18 such committees were active & worked with enthusiasm to contact different schools & colleges. Total participants online & offline were about 51,000. After holding the competition at School level, winners were given a chance to participate in District level competition, which was organized by District level committee. Winners of District level competition participated in state level competition.

Sri P M Prasad, CMD, CCL, Ranchi was the Chief Guest of the prize giving ceremony. He wished all the prize winners from different districts by online mode and announced the prizes. The meeting was presided over by Secretary Maharaj Swami Bhaveshanandaji. Other prominent speakers included Sri Siddharth Majumdar, Governor of Lions Club Internationals, Sri V K Gaddiyan, CA, Member, RKM Management



Annual Competition - 2021



Rev. General Secretary Maharaj



Prize Distribution Ceremony



Sri P. M. Prasad, CMD, CCL, Ranchi

Committee & Sri Amit Kumar, Secretary, IYA. A special trophy was presented to DPS, Ranchi for their remarkable participation and achievement by their students in the competition. Vote of thanks was presented by Swami Antaranandaji Maharaj, Asst. Secretary, RKM Ashrama.

GRSE, AICL and FCRA Sponsored Gadadhar Abhyudaya Prakalpa

This project was conducted for the integrated development of the 497 children belonging to economically backward families. It was mainly aimed at developing physical, mental and intellectual strength of the children. The project was carried out at 9 locations namely Kuturloba, Badri, Getalsud, Bandhuadih, Mungadih, Dublabera under Angara Block and Chiroundi, Morabadi of Ranchi District and Maliyada of Khunit Block.

To improve the health of the children, they were provided with nutritive food like milk (250 ml. to each per day), gram, corn flakes, flattened rice, dalia, ground nut, pea etc.

To inculcate better hygienic practice, toiletries like tooth paste, tooth brush, coconut oil, soaps were provided on regular basis to the beneficiaries .

The basic training on cleanliness, awareness about general health and hygiene was given to the children by highly educated supervisors and mentors who are experts in these areas. They visited the unit weekly.

Value education session of 30 minutes was conducted through pictorial moral storybooks at least once in a week by the teacher and sometimes by the supervisors and mentors.

The children were made to grow the habit of planting flower, vegetables etc. Responsibilities were distributed among the children. They worked in team to clean the classroom and surroundings etc.

Children's height and weight were monitored periodically. They were not only provided with iron supplements and protein rich diet, but de-worming was also done at every three months interval by administering Albendazole or Mebendazole.

For development of moral and aesthetic value, classes on Vedic and Gita chanting along with meditation,



Prize Distribution Ceremony



Yoga Class for GAP Children



Distribution of Toiletries to GAP Children



Monitoring of Health of Gap Children

yoga, music and drama were also organised as an integral part of the programme. Special movies on moral values were also shown occasionally.

Library

This static library has a suitable building of 4000 sq. feet (approx). It has 23692 books as on 31.3.2022 to cater to the needs of all ages. It is a unique and only free public library, in this part of the city and provides its services mainly to school and college going students and to those who prepare for the various competitive examinations. This library is very popular among students of Ranchi University, Ramakrishna Mission Vivekananda Educational and Research Institute and research scholars because of it's quiet environment and availability of large spectrum of reading material on wide and varied subjects. The library was visited by 20502 readers during 2021-22 in spite of the fact that library remain closed for almost 2 months due to lockdown imposed by government to contain the corona virus.

Many students, who desire to compete in different examinations, prepare themselves with the help of this library and use it as a study centre. A large number of such students are getting success in their efforts with the reading facilities they get from this library.



Value Education programme For Children



Physical Exercise Class for GAP Children



Library



RAMAKRISHNA MISSION VIVEKANANDA EDUCATIONAL AND RESEARCH INSTITUTE (RKMVERI)

(Declared by Government of India as Deemed University under Section 3 of UGC Act., 1956)

School of Agriculture and Rural Development
Faculty Centre for Agriculture, Rural and Tribal Development (ARTD)
Ramakrishna Mission Ashrama, Morabadi, Ranchi-834008, Jharkhand
 (With the financial support from the Dept. of Agriculture, Animal Husbandry & Cooperative, Govt. of Jharkhand)

About The University:

Ramakrishna Mission Vivekananda Educational and Research Institute (formerly known as Ramakrishna Mission Vivekananda University) is the first step in actualization of Swami Vivekananda's vision that Belur Math would develop into an all-round University. It was declared by Government of India through its Ministry of Human Resource Development on the advice of University Grants Commission as an institution deemed-to-be-university under Section 3 of UGC Act, 1956 by a Gazette Notification No. F.9-54/2004-U.3 dated 5 January 2005. The University was formally inaugurated by the Most Revered Swami Gahanananda ji Maharaj, President of Ramakrishna Math and Mission on 4 July 2005, the sacred day of mahasamadhi (passing way) of Swami Vivekananda. With the asset of vast experiences of the Ramakrishna Mission Ashrama, Morabadi for more than eight decades and Divyayan Krishi Vigyan Kendra (KVK) for more than three decades, Ramakrishna Mission Vivekananda Educational and Research Institute, Belur Math decided to establish a faculty centre for 'Integrated Rural & Tribal Development and Management (IRTD)' at Morabadi, Ranchi, Jharkhand. The appeal was accepted and approval was given to this centre as an 'Off-campus Faculty Centre' by the University Grant Commission (UGC) after an inspection of six members team from 29 to 30 June 2006, vide notification No. F.6-96/2004(CPP-I) dated 3 July 2006. In 2019, faculty of ARTD has been restructured into two independent divisions for academic and administrative clarity.

Programmes Offered by the Faculty Centre:

- a. Five-year 'Integrated M. Sc.' in Agriculture, Rural and Tribal Development (ARTD)
- b. Two year M.Sc. in Agriculture, Rural and Tribal Development (ARTD)
- c. Ph.D. in Agriculture, Rural and Tribal Development (ARTD).
- d. Two-year M.A./ M.Sc. in Rural Development and Management (RDM).
- e. One-year PG Diploma in Rural Development Practices (RDP)

- f. Four Year B.Sc. (H) Agriculture (B.Sc. Ag.)
- g. Three-year B.Voc. in Sustainable Agriculture
- h. One-year Diploma in Organic Farming (DOF)
- i. Six month Certificate in Agriculture

Faculty and Staff:

- (i) Monastic member : 03
- (ii) Teaching Staff : Assistant Prof. – 12; Professor and Associate Dean– 1
- iii) Teaching Asst. : 03
- (iv) Lab. Demonstrator : 01 Lab. Assistant : 01

Extension Activities of the ARTD Faculty

Division of Rural and Tribal Development(2021-22)

Year	ARTD 1st Year 2021 batch	ARTD 1st Year 2020 batch	ARTD 2nd Year 2019 batch	ARTD 3rd Year 2018 batch	ARTD 4th Year 2017 batch	Ph.D. Scholars in ARTD	RDM 1ST YEAR	RDM 2ND YEAR
No. of Students	38	36	43	30	28	07	25	19

Division of Agriculture

Year	B.Sc. (H) in Agriculture 1st Year 2021	B.Sc. (H) in Agriculture 1st Year 2020	B.Sc. (H) in Agriculture 1st Year 2019
No. of Students	33	43	40

Year	B.Voc. in Sustainable Agriculture 1st Year 2021	B.Voc. in Sustainable Agriculture 2nd Year 2021	Diploma in Agriculture and Rural Development
No. of Students	38	37	11

Total Number of Student : 428

The faculty centre conducts both intensive and extensive fieldwork for the students to acquire knowledge about the real-life situation through participatory interactions with the villagers. Students study villages extensively, identify resources available, problems etc. During the reporting period, students have visited the following villages – Ara Keram, Kuchu Pahan Tola, Chipibanddihi, Dublabera, Karkare, Nawagarh, Obar etc. Institutional visits conducted during the reporting period include Primary Health Centre (PHC), Bero; Central Tasar Training and Research Institute (CTTRI), Nagri; IINRG, Namkom.

Learning through Organizational Attachment (LOA)

The students of the 8th semester of ARTD and 2nd semester of RDM and DARD were sent to the different organizations and have completed their Learning through Organisational Attachment (LOA) curriculum successfully. The following are the details of the organizational attachment of the students of the 8th semester of ARTD and 2nd semester of RDM and DARD.

Sl. No	Name of the organization	Total	No. of allotted students	
			Male	Female
1	Pravah, Deoghar (JH)	02	02	-
2	Society for Promotion of Westland Development (SPWD), Ranchi	04	04	-
3	PRADAN	02	01	01
4	Development Research Communication and Services Centre (DRCSC), Kolkata (WB)	04	04	-
5	Sundarban Cooperative Milk & Livestock Producers' Union Ltd. (SMLU), Sundarini, Kolkata (WB)	06	06	-
6	Jharkhand State Livelihood Promotion Society (JSLPS), Ranchi	06	02	04
7	Karuna Sechen, Jamshedpur (JH)	11	07	04
8	Entrepreneurship development of India, Ahmadabad (GJ)	02	-	02
9	Semina Agro. Pvt. Ltd., Ranchi (JH)	04	02	02
10	Jan Jagaran Kendra, Hazaribag (JH)	04	02	02
11	Society for Integrated Social Upliftment (SISU), Ranchi (JH)	03	02	01
12	External Attachment (NGO and other organizations)	48	32	16
13	Internal Project	16	07	09
Total		64	39	25

Student's Placement

The different organizations have been invited for the placement of students. Among them, are Jharkhand State Livelihood Promotion Society (JSLPS), Ranchi (Jharkhand), Sri Bhagat Kisan Education Society, Ranchi, Better World Foundation, Ranchi and Jan Jagaran Kendra, Hazaribag have conducted recruitment. Average pay package per month received by the PG level students is Rs. 25000/- per month.

Programme: Five-year Integrated M. Sc. in Agriculture, Rural & Tribal Development and Management (ARTD), Batch 2016- 21

Sl. No.	Name of the students	Name of the organization
1	Anant Kumar	Syngenta Global, Begusarai (Bihar)
2	Kailash Kumar	Jharkhand State Livelihood Promotion Society (JSLPS), Ranchi
3	Krishna Kumar Mahli	Professional Assistance for Development Action (PRADAN)
4	Mahendra Karmali	Jharkhand State Livelihood Promotion Society (JSLPS), Ranchi
5	Kumar Subham	Professional Assistance for Development Action (PRADAN)
6	Rahul Bepari	Better World Foundation, Khunti (JH)
7	Rishav Ghosh	Watershed Organization Trust, Khunti (JH)
8	Sangita Maity	Opted for preparation of civil service examination
9	Sucharita Ghosal	Opted for higher education
10	Suryadyuti Banerjee	Dhan Foundation, Assam
11	Susmita Chakraborty	Jharkhand State Livelihood Promotion Society (JSLPS), Ranchi
12	Suprabhat Mal	Better World Foundation, Khunti (JH)

Programme: MA/M.Sc. in Rural Development and Management (RDM) Batch 2019-21

Sl. No.	Name of the students	Name of the organization
1	Abhimanyu Bardhan	Jharkhand State Livelihood Promotion Society (JSLPS), Ranchi
2	Amit Ruidas	PRADAN
3	Ankit Kumar	Orissa Rural Livelihood Mission
4	Anuj Goswami	HAQDAR, Pune
5	Gambhir Mahto	Sri Kisan Bhagat Education Society, Jharkhand
6	Priya Kumari	Jharkhand State Livelihood Promotion Society (JSLPS), Ranchi
7	Rahul Prakash Niraj	Orissa Rural Livelihood Mission
8	Reetika Kumari	Jharkhand State Livelihood Promotion Society (JSLPS), Ranchi
9	Rekha Kumari	Jharkhand State Livelihood Promotion Society (JSLPS), Ranchi
10	Subhadip Sarkar	Jharkhand State Livelihood Promotion Society (JSLPS), Ranchi

7. Admission of students for the session 2021-22

In the wake of the lockdown due to the COVID-19 pandemic, Ranchi faculty have conducted an online entrance test to admit students under the various programme for the session 2020-21. As per the resolution of the departmental committee meeting, students for all the programmes were admitted through an entrance test merit list followed by an interview. Out of total seats for each programme, 50% of seats are reserved for Jharkhand and the remaining 50% for the other states. Students from Jharkhand have been admitted following the Jharkhand reservation policy whereas students from other states have been admitted following UGC rules. Programme wise breakup of admitted students are given below:

Programme	Total Seat	Application Received	Students Enrolled
5 yr. Int. M.Sc. in ARTD	42	262	42
2 yr. M.Sc. in ARTD (Lateral Entry)	25	88	22
2 yr. MA/M.Sc. RDM	25	78	23
3 yr. B. Vocational	40	65	33
Total	132	492	120

Special Lectures, Seminar etc.

Sl. No.	Event	Date / No. of participants	Highlights
1	Special Lecture (Motivational)	10.04.2021 No. of Participants: 100	Justice Aniruddha Bose, Hon'ble Judge, Supreme Court of India delivered a special lecture on Regeneration of Rural India in the light of Swami Vivekananda.
2	Special Lecture	19 July, 2021 No. of participants: 150	Mr. Narendra Prajapati, SEBI, delivered a special lecture on 'Commodity derivatives' during awareness programme under the aegis of SEBI IPEF.
3	Special Lecture	21 July, 2021 No. of participants: 120	Sri Sourav Gupta delivered a lecture on 'Crop Insurance as a Risk Mitigation Tool for Small and Marginal Farmers in India-Way Forward'.

Sl. No.	Event	Date / No. of participants	Highlights
4	Special Lecture in collaboration with SIRD, Ranchi	28 July, 2021 No. of participants: 65	Sri Sachindra Kumar, Usha Martin, Ranchi delivered a special lecture on 'Integrated Farming System: A boon for Marginal Farmers'
5	Special Lecture in collaboration with SIRD, Ranchi	31 July, 2021 No. of participants: 40	Er. Mini Rani Sharma, SPM, Dept. of Panchayati Raj, Govt. of Jharkhand delivered a special lecture on 'Cyber awareness for increased threats of cyber fraud during COVID crises'
6	Special lecture on Life of Sister Nivedita to commemorate her birth anniversary	28 October, 2021 No. of participants: 225	Lecture delivered by Justice Anubha Rawat Choudhury, Jharkhand High Court and Swami Atmapriyananda, Pro Chancellor, RKMVERI on Women empowerment and selfless service respectively highlighting the examples from the life of sister Nivedita
7	Special lecture on Communication Skills (Virtual)	8 January, 2022 No. of participants: 80	Dr. Suparna Dutta, Associate Professor, BIT, Noida campus has delivered a special lecture highlighting the skills required for communicating in the organizational setup.
8	Celebration of National Youth Day (Blended)	12 January, 2022 No. of participants: 250	RKMVERI, Ranchi celebrated National Youth Day by organizing several programmes like, <i>Prabhat Pheri</i> , Speech on Swamiji's vision to Rebuild India special lecture and cultural programme etc.
9	Special lecture on Communication Skills (Virtual)	15 January, 2022 No. of participants: 110	Dr. Ritu Pareek, Assistant Professor, BIT, Jaipur campus has delivered a special lecture on the characteristics of personality and how it can be improved following simple practice.
10	Special lecture on Indigenous Cow and Traditional Agriculture (Virtual)	19 January, 2022 No. of participants: 180	Sri Gopalbhai Sutariya, Banshi Gir Goushala, Ahmedabad has delivered a special lecture highlighting the importance of indigenous cow in traditional agricultural practices with reference to organic farming.
11	Speech competition on the occasion of Maa Sarada birthday (Blended)	22 January, 2022 No. of participants: 100	Ranchi faculty centre organized a speech competition on the topic Sarada Maa: The Holy Mother to celebrate the birth anniversary of Maa Sarada. During the event 29 students of Ranchi campus compete in the events. Faculty and students of Ranchi campus also participated in the events as an audience.
12	International Women's Day	8 March, 2022 No. of participants: 100	International Women's Day was celebrated on 8th March 2022 at RKM Auditorium, Ranchi. The programme was inaugurated by Swami Antarananda, Assistant Secretary, RKM Ashrama, Ranchi. Dr. Smita Gupta, Gender Empowerment specialist delivered a special lecture highlight real life experiences of tribal women empowerment. The lecture followed by a quiz and debate completion on 'Women as Entrepreneur'. All faculty members and students of RKMVERI participated in this programme.

Sl. No.	Event	Date / No. of participants	Highlights
13	Career Counselling Workshop for Youth	8 March, 2022 No. of participants: 55	One-day career counseling workshop for youth was organized in collaboration with the Nehru Yuva Kendra Sangathan at Seminar hall of Ranchi Campus. The programme was inaugurated by Swami Antarananda, Assistant Secretary, RKM Ashrama, Ranchi. Lectures related career opportunities for the rural development graduates have delivered by Mr. Pratyush, Former Sales Manager, Google, Philippines and Mr. Abhinav Shah, CEO, Osam Dairy, Ranchi. The programme ended with vote of thanks delivered by Dr. Raghava Thakur, Associate Dean, RKMVERI
14	One day Workshop on 'Local Resource-Based Nutritional Food Security and Economic Stability'	8 March 2022 No. of participants: 400	One-day workshop was organized in collaboration with Divyayan KVK. Dr Rameshwar Oraon, Honorable Finance Minister of Govt. of Jharkhand was the Chief Guest. Padmashree, Simon Oraon shared his experience of water conservation in strategies in rural areas using local technology. A series of lectures highlighting the importance of natural resources in ensuring food security has been delivered by different scientists and experts. The workshop ended with a benediction speech delivered by Swami Bhaveshananda, Secretary, RKM Ashrama, Ranchi.

Annual Convocation 2021

RKMVERI's Annual Convocation was held on Saturday, 11 September 2021. The venue was the Saradananda Seminar Hall of the university headquarters at Belur Math. The convocation ceremony was held in a blended mode (online and offline) due to the pandemic situation. The Chief Guest for the Convocation was Prof. Birendra Kumar Tiwary, Director, IIT, Kharagpur. Also in attendance were other dignitaries from the academic world and industries. This year a total of 56 students and scholars of different programmes graduated from the Ranchi faculty centre of the University. The breakup of the programme-wise graduated student is given below:

Sl. No.	Programme Name	No. of Students
1	Ph.D. in Agriculture, Rural and Tribal Development	1
2	Integrated M.Sc. in Agriculture, Rural and Tribal Development	11
3	M.Sc. in Agriculture, Rural and Tribal Development.	1
4	B.Sc. (H) in Agriculture, Rural and Tribal Development	12
5	M.A/M.Sc. Rural Development and Management	20
6	Diploma in Organic Farming	11
7	Total Graduated Students	56

Extramural Research and Consultancy Projects:

The following are the list of on-going/approved extramurally funded projects.

Sl. No.	Project/Seminar Title	Funding Agency	Principal Investigator	Amount
1	Ethnographic Study of three tribes of Jharkhand (Kol, Khond, Gorait)	Dr. Ramdayal Munda Tribal Welfare Research Institute, Govt. of Jharkhand	PI- Dr. Dipankar Chatterjee Co PI- Dr. Deep Narayan Mukherjee, Dr. S. Biswas and Sri Koustab Majumdar.	6.30 Lakhs
2	Evaluation of RurBan clusters of Jharkhand and West Bengal	Ministry of Rural Development	PI- Dr. Deep Narayan Mukherjee. Co-PI- Dr. Dipankar Chatterjee and Dr. A. Sengupta	21 Lakhs
3	Science, Technology and Innovation Hub for Creating Sustainable Livelihood Opportunities of Scheduled Tribes in Angara Block, Ranchi District, Jharkhand.	Department of Science and Technology (DST), Government of India	PI: Dr. Avijit Kr. Dutta Co-PIs: Dr. A. Sengupta, Dr. D. Chatterjee, Dr. V. W. Dhote, Dr. D. N. Mukherjee, Dr. B. S. Purushottam, Dr. P. K. Mishra & Mr. Amitava Dutta	91.02 Lakh

Publications in Journals and Books.

- i. Mahto, S. K. and Dutta, A. K. (2021). Evaluation of bush-type French bean varieties through organic farming in South Chhotanagpur plateau of eastern India. *Agricultural Science Digest* (Published Online: DOI:10.18805/ag.D-5270).
- ii. Dutta, A. K. and Majee, S. K. (2021). Performance of organically grown garden pea varieties in the South Chhotanagpur plateau of eastern India. *Journal of Applied Horticulture*, 23(1): 78-83.
- iii. Reddi, G. and Dutta, A. K. (2021). Performance of Different Open-Pollinated Brinjal Varieties Grown by Organic Amendments under Eastern Indian Plateau of Jharkhand. *Journal of Research ANGRAU*, 49(4): 59-68. [ISSN: 0970-0226]
- iv. Dutta, A. K.; Mahto, S. K. and Kumar, K. (2022). Performance of Organically Grown French Bean during Post-Kharif Season in South Chhota Nagpur Plateau of Eastern India. *Journal of Bio Innovation*, 11(1): 33-43. [ISSN: 2277-8330 (Electronic)].
- v. Koustab Majumdar & Dipankar Chatterjee. (2022). Perception of subjective well-being of Lodha Tribe: A Study in Jhargram District of West Bengal, India. *Contemporary Voice of Dalit* (Sage Publication-Accepted). [SCOPUS Indexed; IF = 0.5; Web of Science Indexed]
- vi. Koustab Majumdar & Dipankar Chatterjee. (2022). Ecoliteracy among the tribals of eastern India. *South Asia Research* (SAGE Publications), doi:https://doi.org/10.1177%2F02627280211056838. [SCOPUS and Web of Science Indexed; IF = 1.8]
- vii. Koustab Majumdar & Dipankar Chatterjee. (2021). The cultural dimension of environment: Ethnoscience study on Santhal community in eastern India. *International Journal of Anthropology and Ethnology* (Springer), doi: https://doi.org/10.1186/s41257-021-00057-2 [Cross Ref. Indexed]
- viii. Raul, Manoj and Dipankar Chatterjee (2021) Ethno-Medicinal Usage of Plants in a Tribal Village of Jharkhand. *IJARIE*, 7 (4):979-983. [ISSN: 2395-4396]

- ix. Raul, Manoj, Koustab Majumdar and Dipankar Chatterjee. (2021) Indigenous Knowledge and Endogenous Development: Exploring Survival Strategy of a Tribal Community of Jharkhand, India. International Journal of Research and Review, 8 (8): 156-170. [ISSN: 2349-9788], doi: <https://doi.org/10.52403/ijrr.20210822>
- x. Kumar, Rajeev, Raj Kumar Mahto, Dipankar Chatterjee and Matin Ahmad Khan. (2022) Estimation of Vulnerabilities of HIV Transmission Among Rural Migrants in Jharkhand. ISSRF Newsletter. 28: 24-30. [ISSN: 2395-2806]
- xi. Chatterjee, Dipankar and Koustab Majumdar (2022) Social Dimension of Health among Tribal Elderly. In Jyoti Ratan Ghosh and Jaydip Sen (Eds.) Nutrition and Health among Indian Tribes: With reference to Eastern India. Serials Publication: New Delhi. ISBN 978-93-91844-00-4
- xii. Mukherjee, Deep Narayan & Ghoshal, Sucharita (2021). Millets in North-eastern India: strategies for achieving nutritional security and livelihood diversification for enhancing farmers' income. In R.M. Pant, S.S. Ghonkrota & M.K. Shrivastava (Eds.). Doubling farmers' income and nutritional security: role of traditional and new high-value crops in North East India. New Delhi. Akansha Publishing House. ISBN 978-8183705905.
- xiii. Dutta, A. (2022) Alcoholism: An option for overcoming negligence and social insecurities- A case study on elderly tribal women in Sundarbans, West Bengal. In: Roy, P., Sanyal, S., Patel, S.; (Eds.), Elderly in India: A collection of selected writings. AlterNotes Press: New Delhi, 67-80
- xiv. Dutta, A. and Pal, A. (2021) Role of Shalishi-Sabha (Traditional Local Body) for bringing peace in villages of Sagardeep, Sundarbans, West Bengal. In: Asok Kumar Sarkar and Subhrangshu Dhar (Eds.), Contextualizing Peace: Experiences of Contemporary India and neighbouring country. MANAK Publications Pvt. Ltd: New Delhi, 139-164 (ISBN: 978-81-948855-2-8)

Participation in Workshop/Seminars/Invited Lectures

Dr A.K. Dutta

- i. National Symposium on “Ornamental and Edible Horticulture: Emerging Challenges and Sustainable Goals” Organized by Bidhan Chandra Krishi Viswavidyalaya Mohanpur, Nadia, West Bengal during 21st to 22nd February, 2022. [Paper Presented: Evaluation of French bean through organic farming during post-kharif season of eastern Indian plateau].

Dr D. Chatterjee

- i. Delivered Invited Lecture on 'Qualitative Data Analysis' at Dr. Ramdayal Munda Tribal Welfare Research Institute, Ranchi, Govt. of Jharkhand. 3 December 2021.

Dr S. Biswas

- i. Delivered Invited Lecture on 'Local resources for preparation of liquid and solid manure and their application in the context of Natural Farming' in a workshop on Prospect and Opportunities of Natural Farming in Jharkhand, organized by Birsa Agricultural University. 24 March 2022.

Mr Koustab Majumdar

- i. National Webinar on “Anthropology of Contemporary Era” 2nd– 4th march 2022 (Paper title- Mining, livelihood and tribal development: Reflections from Asur of Jharkhand, India). Organized by University of North Bengal, West Bengal.

Annual Sports 2021-22

The Annual sports for the faculty center of Agriculture, Rural and Tribal Development, Morabadi, Ranchi-834008 was held between 30 and 31 March 2022 involving students, faculties, research scholars and other staffs. Total 173 Participants (including 135 Male and 38 Female) participated across 7 individual

events like Badminton single (Boys and Girls), Table Tennis, Chess, Yoga, Spoon Race, Musical Chair and 7 team events like Table Tennis Doubles, Badminton Doubles (Boys and Girls), Football, Volleyball, Cricket, Tug of War and Carrom.



Laboratory



Annual Sports



Campus Placement Drive and Career Counselling Workshop



Bee Keeping Training under DST project



Mushroom Production Training under DST project



Sarawati Puja and Blood Donation Camp

G. Social, Cultural & Spiritual



- **Ashrama Activities**
- **National Youth Day Celebration**
- **Sarva Dharma Sammelan**
- **Bhakta Sammelan**
- **Puja and Celebrations**

Ashrama Activities : Usual Worship and Spiritual Discourses

Daily service and worship of Bhagavan Sri Ramakrishna was conducted in the temple. Ramanam Sankirtan was conducted on every Ekadashi day, birthday of Swami Brahmananda and Ramanavami. Tithi puja (Birthday) of Sri Ramakrishna Dev, Holy Mother Sri Sarada Devi and Swami Vivekananda were celebrated with special puja, discourses by distinguished speakers, devotional music performances, and Prasad distribution to the large number of assembled devotees. Sri Ramakrishna birthday was also celebrated in the adopted villages of this Ashrama. Discourses in connection with birthdays of other Saints, religious leaders and celebrations like Saraswati Puja, Vishwakarma Puja, Karma Festival and Christmas Eve were observed. Special puja on Maha Durgastami day was also performed and prasad was distributed.

Regular discourses on Sri Ramakrishna Kathamrita and Srimad Bhagavad Gita in the evening of every Saturday and Sunday respectively were conducted in the Ashrama. Discourses were held regularly in other locations of the city. Rev. Secretary Maharaj and other monastic members on invitation attended the functions organized outside the Ashrama. A total no. of 105 discourses, meeting, Classes and lectures (all discourses held online) were held .



Tithi Puja of Bhagawan Sri Ramakrishna



Tithi Puja of Sri Maa Sarada Devi



Special Puja and Pravachan on Tithi Puja of Holy Trio, Vishwakarma Puja and Gobardhan Puja

National Youth Day Celebration

Ramakrishna Mission Ashrama, Morabadi, Ranchi organised a whole-day celebration of National Youth Day on 12 Jan 2022- the Birthday of Swami Vivekananda. The celebration was started by garlanding the statue of Swami Vivekananda in University campus followed by the chanting and flower offering by monks of Ashrama and other staff members of the University.

A separate programme was conducted at Vivekananda Sarovar, Ranchi where Garlanding of Swami Vivekananda Statue was done by Swami Antaranand Maharaj in presence of Smt Asha Lakara, Mayor, Ranchi Municipal Corporation. Different programme were organized in Divyayan and different Akhananda Shiksha & Sanskar Kendra by teachers & students.

In the evening , prize distribution ceremony for State Winners of Annual Competition 2021 was organized in Ashrama auditorium, where Sri P M Prasad, CMD, CCL attended as the Chief Guest . Other dignitaries, School Children, Teachers & general public attended the programme by following Covid-19 protocols. The programme was also made live through Youtube to all participants of Annual Competition in 24 districts of Jharkhand. About 200 participants attended the programme physically & about 3000 online views were received for YouTube recorded programme. Good press coverage was published the next day in all local news papers of Jharkhand.





National Youth Day Programme at Divyayan KVK

Yoga Practice and Seminar cum workshop “Yoga for Holistic Development ”On the occasion of 100 Days countdown in run-up to International Day of Yoga-2022 Campaign

Sponsored By Morarji Desai National Institute of Yoga, New Delhi (MDNIY)

As per the Ministry of AYUSH, Govt. of India, this year the International Day of Yoga 2022 campaign focused on the theme 100 days, 100 cities and 100 organizations till 21st June, 2022 across the globe. For the first time to celebrate Azadi ka Amrit Mahotsav, it demonstrated Yoga at 75 Heritage/Iconic cultural sites on 21st June, 2022. Other program includes Yoga programs, Yoga demonstrations, workshops, seminar held not only in India but across the globe.

This Ashrama was very fortunate to be selected as an organisation to conduct the programme for Ranchi City and the Iconic Site was Kanke Dam. Accordingly a half day programme for creating awareness on Yoga was conducted on 22 March, 2022 as the 91 Day under “100 Days countdown in run-up to International Day of Yoga-2022 Campaign”. The programme was conducted on hybrid mode and in 2(Two) Sessions.

In first session, Yoga practice programme was conducted in 15 different locations and a special programme was conducted at Kanke Dam Park. All the location were connected with Zoom App and the entire programme was made live through YouTube. Around 1500 participants participated in the programme in all the aforesaid locations. The entire session of Yoga practice was led by Sri Pradip Kr. And Smt. Rashmi Barnwal from Ranchi Yoga Centre

In second session, a seminar cum workshop “Yoga for Holistic Development” was held in which Shri Sudarshan Bhagat, Hon'ble MP Lohardaga joined through Zoom as Chief Guest and Dr. Ishwar Vasavaraddi, Director, MDNIY joined the programme as Special Guest. Swami Bhaveshananda, Secretary of this Ashrama delivered the Key Note address of the Seminar. Students from the Getalsud, Angara displayed their Yoga Skill online. During the 2nd Session, around 200 students from school, college and university participated in the programme and around 1500 participated through Zoom. Second session was also made live through our YouTube channel.



100 Day Run Upto International Yoga Day Programme

Bhakta Sammelan: Like every year, Guru Purnima Day was celebrated on 24 July, 2021. On this occasion a spiritual retreat was organized for the devotees in online mode. Guided meditation, Ramakrishna Katha Amrit Path, Bhajans and question answer session was conducted very successfully through google meet and youtube live.

Sarva Dharma Sammelan : To commemorate 127th Anniversary of Swami Vivekananda's the world famous speech at Chicago on 11th September, 1893, where Swamiji represented India and Hinduism, this Ashrama organized Sarva Dharma Sammelan on the occasion of World Brotherhood Day. The sammelan was attended by the eminent speakers like Sri Vijay Suman, President, Buddha Education and Social Welfare Society, Prof. Harvinder Vir Singh, Sri Manish Singhal, Professor, XLRI, Jamshedpur. The programme was conducted online through Google Meet and Youtube Live.

Karma Puja : Karma Puja, the festival was celebrated in the Divyayan premises on 17 Sep 2021. The puja was performed with due reverence and devotion as per the traditional tribal methods. It was attended by the monks of the Ashrama, staff members, scientists and



Bhakta Sammelan



Bhakta Sammelan

few trainees of Divyayan. All the activities of the puja was carried out following the strict guideline of Covid 19. tribal methods.

Vishwakarma Puja : Vishwakarma puja was celebrated in Workshop unit of Divyayan on 17 September 2021. The puja was performed with all due rituals and hymns. It was attended by the monks of the Ashrama, staff members, scientists and trainees of Divyayan. At the end of the puja all staff members and trainees partook prasad

National Festivals : National festivals like Independence Day and Republic Day was celebrated in the Divyayan Campus on 15th of August and 26th of January respectively.



Independence Day and Republic Day Celebration



Vishwakarma Puja Celebration



Vishwakarma Puja Celebration



Karma Puja in Divyayan Campus



Karma Puja in Divyayan Campus



Celebration of Christmas Eve



Republic Day Celebration



Janmashthami Celebration



Saraswati Puja Celebration



Gobardhan Puja



Maha Shivratri Puja



Durga Mahasthami



Durga Mahasthami

H. Innovation and Success Stories

Name of farmer: Nand Kishor Sahu
Address: Choreya, Chanhoo, Ranchi
Mobile Number: 9110946832
Age: 47 years
Education: Intermediate
Size of land holding (in acre): 11 acre



1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)	Production (Q)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1	12	17640	9840
Hort. Crop 1	Watermelon	1	180	180000	140000
Hort. Crop 2	Cauliflower	1	80	80000	60000
Hort. Crop 3	Cabbage	1.5	160	125000	100000
Hort. Crop 4	Tomato	1	110	55000	32000
Hort. Crop 5	Other vegetables	1	80	48500	25800
Total				506140	367640

2) Status in 2020

Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/No	Production (Q/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop	Paddy	1.75	26	48568	26968	119	174
Hort. Crop 1	Watermelon	1.5	300	300000	220000	67	57
Hort. Crop 2	Cauliflower	1	125	112500	77500	56	29
Hort. Crop 3	Cabbage	1.5	200	205000	165500	25	66
Hort. Crop 4	Tomato	1.5	225	152500	115000	105	259
Hort. Crop 5	Other vegetables	2	200	125000	90000	150	249
Livestock 1	Goatery	5	15	80000	64500	100	100
Total				1023568	759468		107

Brief: The farmer used to get annual income of Rs. 367640 from Cereals and vegetable cultivation. He faced problems like incidence of disease and pest and good quality of seeds, lack of technical knowledge etc. With DFI(Doubling Farmer's Income) interventions like introduction of high yielding varieties, training, PM Samman Nidhi yojana & use of drip irrigation system etc.has increased his annual income to Rs 759468.



Name of farmer: Sri Motiram Bediya

Address: Hendebilli, Ormanjhi, Ranchi

Mobile Number: 9304708716 Age: 35 yrs

Education: Post Graduate Size of land holding (in acre): 5.0



1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	2 acre	28Q	41160	21560
Field Crop 2	Mustard	1 acre	5 Q	18500	10000
Hort. Crop 1	Tomato	1.0 acre	80 Q	80000	50000
Hort. Crop 2	Pea	1.0 acre	24 Q	36000	18000
Livestock 1	Goat	6	1.2 Q	42000	30000
Livestock 2	Hen (desi)	30 nos.	0.45 Q	9000	7400
Total		5.0 acre		226660	136960

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/ No	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy (as seed)	2.5 acre	42 Q	92400	50400	50	134
Field Crop 2	Mustard & lentil	2 acre	7.8 Q	37617	20377		
Hort. Crop 1	Vegetables (Water melon, muskmelon, Tomato, Cucumber, pea, Bitter Gourd, Bean)	7 acre	528 Q	766000	412000	408	506
Hort. Crop 2							
Livestock 1	Cow & Goat	2 + 10 nos.	13 lit /day, 2.0 Q	222350	108150	67	90 (Goatery)
Livestock 2	Duck & Hen	60 nos.	0.95 Q	18500	11328	111	53
Other	Fishery Pond	75x75ft	3 Q	60000	46000		
Total		11.5 acre		1196867	648255		373

Brief: The farmer used to get annual income of Rs. 136960 from field crop, horticulture and livestock. He faced problems like less productivity, lack of knowledge, disease and pest, irrigation etc. With DFI (Doubling Farmers Income) interventions like MSP, PMKSY, seed production, varietal introduction, CFLD, drip irrigation, rearing of cross breed cow etc., he is getting annual income of Rs. 648255.



Name of farmer: Sri Gandura Oraon

Address: Gurgurjari, Mandar, Ranchi

Mobile Number: 8709317206, Age: 42

Education: Intermediate, Size of land holding (in acre): 20.0



1) Before Intervention

Component Description		Benchmark (Baseline period 2016-17)			
Components	Names	Area (Acre)/ Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	5	60	90000.00	42000.00
Field Crop 2	Wheat	1	8	16000.00	6400.00
Hort. Crop 1	Vegetables	3	240	240000.00	160000.00
Hort. Crop 2	Marigold	1	30	75000.00	45000.00
Total		10 acre	338 qtl	421000.00	253400.00

2) Status in 2020

Component Description		Period 2020-21				% increase over base year	
Components	Names	Area (Acre)/ No	Production (Q/Lit/No.)	Gross Income (Rs.)	Net Income (Rs.)	production	income
Field Crop 1	Paddy (as seed)	8 acre	120 Q	300000.00	180000.00	100	328.6
Field Crop 2	Sweetcorn	4 acre	240 Q	240000.00	140000.00	100	100
Hort. Crop 1	Vegetables	10 acre	630 Q	952000.00	536000.00	250	346.7
Hort. Crop 2	Gladulous and marigold	2 acre	90000 & 40 Q	520000.00	280000.00	33.33	166.7
Livestock 1	Cow	5 acre	15 lit /day	164250.00	73000.00	100	100
Livestock 2	Desi Chicken	100 nos.	1.5 Q meat	30000.00	18000.00	100	100
Other	Goatery	12 nos.	1.8 Q meat	72000.00	44000.00	100	100
Total				2278250.00	1271000.00	205.7	401.6

Brief: The farmer used to get annual income of Rs. 253400 from field crop, vegetables and flowers etc. He faced problems like lack of awareness, irrigation facilities, marketing, low productivity etc. With DFI interventions like seed production, drip irrigation, varietal introduction, proper management of livestock etc., he is getting annual income of Rs. 1271000.



I. Important Visitors to Ashrama



Smt. Droupadi Murmu
Hon'ble Governor of Jharkhand



Justice Aparesh Kumar Singh
Hon'ble Judge
Jharkhand High Court, Ranchi



Justice Navneet Kumar
Hon'ble Judge
Jharkhand High Court, Ranchi



Dr. Rameshwar Oraon
Hon'ble Finance Minister
Govt. of Jharkhand
Ranchi



Sri Badal Patra
Hon'ble Minister for Agriculture, Animal Husbandry &
Cooperative
Govt. of Jharkhand



Sri Sanjay Seth,
Hon'ble Member of Parliament
Ranchi



Abu Bakr Siddiqui (I.A.S.),
Secretary, Department of Agriculture, Animal
Husbandry & Cooperative
Govt. of Jharkhand



Dr. O. N. Singh
Vice Chancellor
Birsa Agricultural University, Kanke, Ranchi



Dr. A. K. Singh
Director
ICAR-ATARI, ZONE-IV
Patna

J. AUDITED ACCOUNTS FOR THE YEAR 2021-22



RAMAKRISHNA MISSION ASHRAMA, MORABADI, RANCHI

(A Branch of Ramakrishna Mission, Belur Math, Howrah - 711022)

Balance Sheet as at 31st March 2022

Previous Year Rs.	FUNDS & LIABILITIES	Rs.	Amount Rs.	Previous Year Rs.	PROPERTIES & ASSETS	Rs.	Amount Rs.
13,70,42,410	CAPITAL FUNDS :			13,01,85,065	LAND AND BUILDINGS		12,75,31,111
3,31,57,607	LAND & BUILDING FUND		13,66,05,017	23,37,106	CONSTRUCTION WORK-IN-PROGRESS		39,99,040
9,20,56,699	MOVABLE PROPERTIES FUND		3,38,61,552	2,74,83,109	MOVABLE PROPERTIES		2,80,39,442
5,30,75,475	ENDOWMENT & PERMANENT FUND		9,21,46,699		INVESTMENTS :		
	DEVELOPMENT FUND		5,69,05,561		Endowment & Permanent Fund Investments	9,21,46,699	
	RESERVES :				Land & Building Fund Investments	50,74,866	
	General Funds -				Movable Properties Fund Investments	7,67,621	
11,86,704	Educational & Cultural	15,39,594		9,20,56,699	Development Fund Investments	5,69,05,561	
5,24,440	Medical	5,22,416		45,20,239	Other Investment	3,95,47,468	
6,13,07,217	Rural Development	6,55,35,275		5,30,75,475	Staff Benefit Fund Investments	-	
92,13,802	General	91,56,339		4,71,58,169	Gratuity Fund Investments	-	19,44,42,215
3,59,442	OTHER FUNDS		7,67,53,624	-	LOANS & ADVANCES (Inter Branch)		7,10,548
-	RELIEF FUND		3,59,442		LOANS & ADVANCES (considered good)		3,47,094
-	STAFF BENEFIT FUND		-		SUNDRY DEBTORS (considered good) :		
-	GRATUITY FUND		-		Inter-Branch (Schedule Enclosed)	11,064	
-	LOANS & ADVANCES :		-		External	12,14,810	
9,01,282	From i) Bank				SUNDRY AMOUNT RECEIVABLE :		12,25,874
	ii) Headquarters	5,48,693			Outstanding Fees & Charges		
	iii) Others		5,48,693		Government Grants Receivable	1,12,59,888	
	SUNDRY CREDITORS :				Unadjusted Items (Schedule Enclosed)		
-	Inter-Branch (Schedule Enclosed)	-		1,20,43,162	Others (Schedule Enclosed)	6,40,475	1,19,00,363
-	External	-		4,80,411	SUNDRY DEPOSITS (Schedule Enclosed)		2,73,669
	SUNDRY AMOUNTS PAYABLE :			2,27,969	STOCK OF SUNDRY MATERIALS :		
21,548	Outstanding Expenses (Schedule Enclosed)	1,12,177			Building Materials		
	Scholarships & Stipends Payable				Others (if any, Specify)	50,54,489	50,54,489
1,25,29,330	Unutilised Grants etc.. (Schedule Enclosed)	1,12,72,103		50,54,489	CLOSING STOCK (As per I/E A/c)		1,10,17,731
	Fees & Charges Received in Advance			1,15,31,216	CASH & BANK BALANCES :		
56,02,008	Unadjusted Items (Schedule Enclosed)				Cash in Hand	2,47,675	
	Others (Schedule Enclosed)	26,14,628		1,59,139	Cheques in hand	-	
	SUNDRY DEPOSITS :		1,39,98,908		Balances with Banks (CD, SB, Flexi etc.)	2,45,49,995	
8,59,250	Caution Money	11,29,050		1,66,30,512	Balances with Post Office in SB & other A/c	-	2,47,97,670
	Consideration Money for Sale of Property				BALANCE WITH HEADQUARTERS		61,50,632
22,406	Students' Deposits	33,606		48,36,476	GENERAL FUND (Debit Balance) :		
	Private Deposits (Schedule Enclosed)				Educational & Cultural	-	
25,44,550	Others (Schedule Enclosed)	31,47,726			Medical	-	
					Rural Development	-	
					General	-	
41,04,04,170	TOTAL	Rs.	41,54,89,878	41,04,04,170	TOTAL	Rs.	41,54,89,878

THIS IS THE BALANCE SHEET IN TERMS OF OUR REPORT OF EVEN DATE

Note : Figures furnished to be rounded off to the nearest rupee.

Place : 18 AUG 2022
Date : Ranchi



Swati B. B. Sharma
Secretary

AUDITED ACCOUNTS FOR THE YEAR 2021-22



RAMAKRISHNA MISSION ASHRAMA, MORABADI, RANCHI
(A Branch of Ramakrishna Mission, Belur Math, Howrah - 711202)
Income & Expenditure Account for the year ended 31st March 2022

E X P E N D I T U R E

I N C O M E

Previous Year Total	Particulars	Educational & Cultural Rs.	Medical Rs.	Rural Development Rs.	General & Others Services Rs.	TOTAL Rs.	Previous Year Total	Particulars	Educational & Cultural Rs.	Medical Rs.	Rural Development Rs.	General & Others Services Rs.	TOTAL Rs.
-	Interest on Loans :						-						
-	(i) Head Quarter						-						
-	(ii) Branches						-						
14,97,235	Payment to :						19,59,409	Closing Stock :					
1,00,00,000	Headquarters (Schedule Enclosed)	6,59,502		10,83,041	1,967	17,45,010	9,36,447	Publication/Religious Literature			5,58,517	11,55,716	17,54,233
300	Branches (Schedule Enclosed)	95,65,315	509			95,65,315	500	Religious/Other Articles				7,06,612	7,06,612
	Yearly Contribution to HQ							Students/Medical Stores etc.					
15,38,757	Opening Stock :						5,49,059	Trainers' Products			5,19,977		5,19,977
5,83,150	Publication/Religious Literature			4,78,236	14,81,173	19,59,409	57,41,892	Dairy/Poultry/Fishery				54,63,203	54,63,203
	Religious/Other Articles				9,36,447	9,36,447	17,33,972	Agriculture			21,69,113		21,69,113
	Students/Medical Stores etc.						8,11,437	Consumable Goods/Stock/Stores		7,393	3,92,200		4,04,593
1,78,403	Trainers' Products							Other Items (Schedule Enclosed)					
68,16,383	Dairy/Poultry/Fishery			5,49,059		5,49,059	-						
14,29,792	Agriculture			57,41,892		57,41,892	-						
6,79,678	Consumable Goods/Stock/Stores		8,132	17,33,972		17,33,972	-						
	Other Items (Schedule Enclosed)			6,03,305		6,03,305	-						
42,89,236	Surplus Carried Down	17,26,739		52,33,169	2,01,380	71,53,264	-	Deficit Carried Down		2,024			
13,14,92,953	TOTAL (Rs.)	4,45,59,739	2,35,551	9,81,08,596	72,22,279	15,01,24,161	13,14,92,953	TOTAL (Rs.)	4,45,59,739	2,35,551	9,81,08,596	72,22,279	15,01,24,161
42,10,824	Deficit Brought Down						85,17,149	Surplus Brought Down					
	Capital Expenditure met from Revenue Income :		2,024			2,024		Receipts against earlier Year's Deficit	17,26,739		52,33,169	2,01,380	71,55,298
	a. Land & Building etc.							Government Grants					
	Land							Public/Private/CSR Bodies' Grants					
	Building etc.							Donations					
	b. Construction W.P.				2,58,843	2,58,843		Profit on sale of					
	Movable Properties	13,53,846				13,53,846		(sale proceeds less Book Value)					
15,71,983	Furniture/Equipment etc.			13,04,916		13,04,916		Investment					
68,874	Vehicles							Other Assets			2,99,805		2,99,805
	Library Books	10,003				10,003		Deficit Carried to Balance Sheet		2,024		57,463	
	Goods for Sale (or) for disposal												
	Goods for Sale (or) for disposal												
26,73,416	Surplus Carried to Balance Sheet	3,52,890		42,28,058		45,21,461							
85,17,149	TOTAL (Rs.)	17,26,739	2,024	55,32,974	2,58,843	74,55,603	85,17,149	TOTAL (Rs.)	17,26,739	2,024	55,32,974	2,58,843	74,55,603

Note : Figures should be furnished rounded off to the nearest rupee.
Strike out items which are not relevant.



Secretary

K. We Thankfully Acknowledge

GOVERNMENT AGENCIES

Ministry of Tribal Welfare, Govt. Of India
Indian Council of Agricultural Research(ICAR)
Department of Bio-technology, Govt. of India
Department of Agriculture, Govt. of Jharkhand
Department of Welfare, Govt. of Jharkhand
Deputy Commissioner, Ranchi.
Deputy Dev. Commissioner, Ranchi.
Department of Animal Husbandry, Ranchi.
Department of Sports, Culture and Youth Affairs,
Govt. of Jharkhand
Jharkhand Tribal Development Society (JTDS)
Protection of Plant Varieties and Farmers' Right
Authority, India
Agricultural Technology Management Agency
(ATMA), Ranchi
State Agricultural Management and Extension
Training Institute (SAMETI), Ranchi
Tribal Welfare Commissioner, Govt. of Jharkhand
Tribal Research Institute (TRI)
Ministry of Agriculture, Govt. Of India
JREDA, Govt. of Jharkhand
National Institute of Open Schooling (NIOS), New
Delhi
Department of Rural Development, Govt. of
Jharkhand

UNIVERSITIES & OTHER INSTITUTIONS

Birsa Agricultural University, Kanke, Ranchi
Central Tasar Research and Trg. Inst., Hehal, Ranchi
Indian Institute of Natural Resin and Gum, Namkum,
Ranchi
ICAR RCER, Farming System Research Centre for Hill
and Plateau Region, Palandu, Ranchi
Bharat Petroleum Corporation Ltd.
Central Coal Field Ltd., Ranchi
Bokaro Steel Plant, Bokaro

Indian Farmers Fertiliser Co-operative Limited
(IFFCO), Ranchi

Indian Yoga Association

Lions' Club International 322A

Petroleum Conservation & Research Association
(PCRA)

BANKS

NABARD, Ranchi

Bank of India

State Bank of India

United Bank of India

Axis Bank

Bandhan Bank

ICICI Bank

GRASSROOT LEVEL GROUPS

Vivekananda Seva Sanghas in the adopted villages
of Ranchi District

Mahila Mandal of adopted villages

Self Help Groups

VOLUNTARY ORGANISATIONS

Ramakrishna Vedanta Centre, London

Vivekananda Vedanta Society of Chicago, USA

Blind Eye Foundation (USA), India

American Service to India (ASTI), USA

The Souls Divine, USA

Vikas Bharti, Ranchi

L. An Appeal

This Ashrama was established in the year 1927 by Srimat Swami Vishuddhananda ji, the direct disciple of Holy Mother Sarada Devi, and the 8th President of Ramakrishna Order. In early sixties, when the adjoining districts to Ranchi were in the grip of severe drought, this Ashrama organized distress relief operation. During the relief work, it was strongly felt that unless the resource-poor and illiterate farmers are trained in need-based agricultural technology supported by group action, they would never be able to counter similar adverse conditions in future. In order to fulfill the above requirements a novel integrated rural development model was conceived and a free residential institute was launched by this centre in 1969 under the name 'Divyayan' for imparting training to village youths, particularly Tribals, in scientific agriculture, dairy, poultry, bee-keeping, horticulture, farm machinery, carpentry, welding, electrician, pump repairing, etc. and social service. The institute was recognized as Krishi Viyan Kendra in the year 1977. As a mark of appreciation for its objectives and method of imparting training right from its inception, it has been awarded as the best KVK amongst nearly 540 KVKs of the country for the year 1997-98 and as the best KVK in the Zone-IV for the year 2015-16. It has again received best KVK award for the year 2016-17, 2018-19 amongst nearly 650 KVKs of the country. It is not gain saying the fact that Divyayan (meaning Divine Way) has become verily the temple for the worship of God in man.

The objectives of the training programme are to make the village youths self reliant and break free themselves from the shackles of poverty. After acquiring the skill, it is expected that they will be able to establish small enterprises related to agriculture and allied trades by using the available local resources. In this way, they will be employing themselves and may create jobs for others too.

The residential training programmes for the tribals, as mentioned above, are mainly sponsored by the Ministry of Tribal Welfare(MTW), Govt. of India (GOI) for 80 trainees per year. But the fund sanctioned and released by the MTW, GOI for these training programmes is too meagre to meet the expenses over the trainees' boarding and food, Salary for the Trainers, Administrative staffs, other employees and establishment. As such we solely depend on the donations from our benevolent donors to meet the essential extra expenditure to keep up this training programmes for the tribal.

In this context, we would like to appeal for liberal donations from the well wishers and philanthropists to join us to carry out this novel work for the redemption of poverty in villages.

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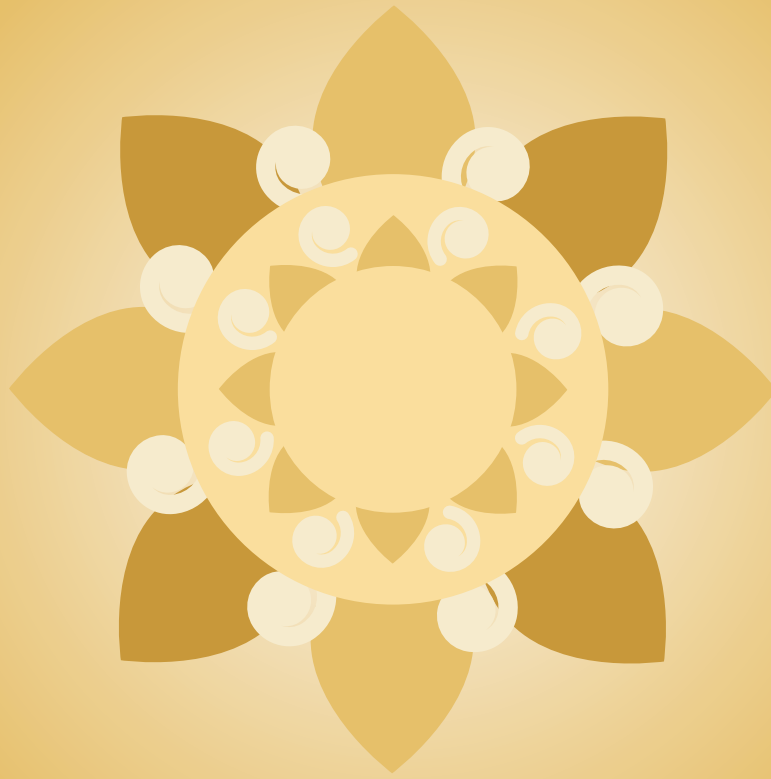
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-Swami Vivekananda





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“ ॐ सह नावतु, सह नौ भुनक्तु।
सह वीर्यं करवावहै, तेजस्वी नावधीतमस्तु मा विद्विषावहै ॥ ”

अर्थात्-परमेश्वर! हम शिष्य और आचार्य दोनों की साथ-साथ रक्षा करें,
हम दोनों को साथ-साथ विद्या के फल का भोग कराए, हम दोनों एक
साथ मिलकर विद्या प्राप्ति का सामर्थ्य प्राप्त करें, हम दोनों का पढ़ा हुआ
तेजस्वी हो, हम परस्पर द्वेष न करें।

May God protect us both together,
May God nourish us together,
May we gain energy to know the truth,
May our study together be filled with light,
May we not oppose each other.

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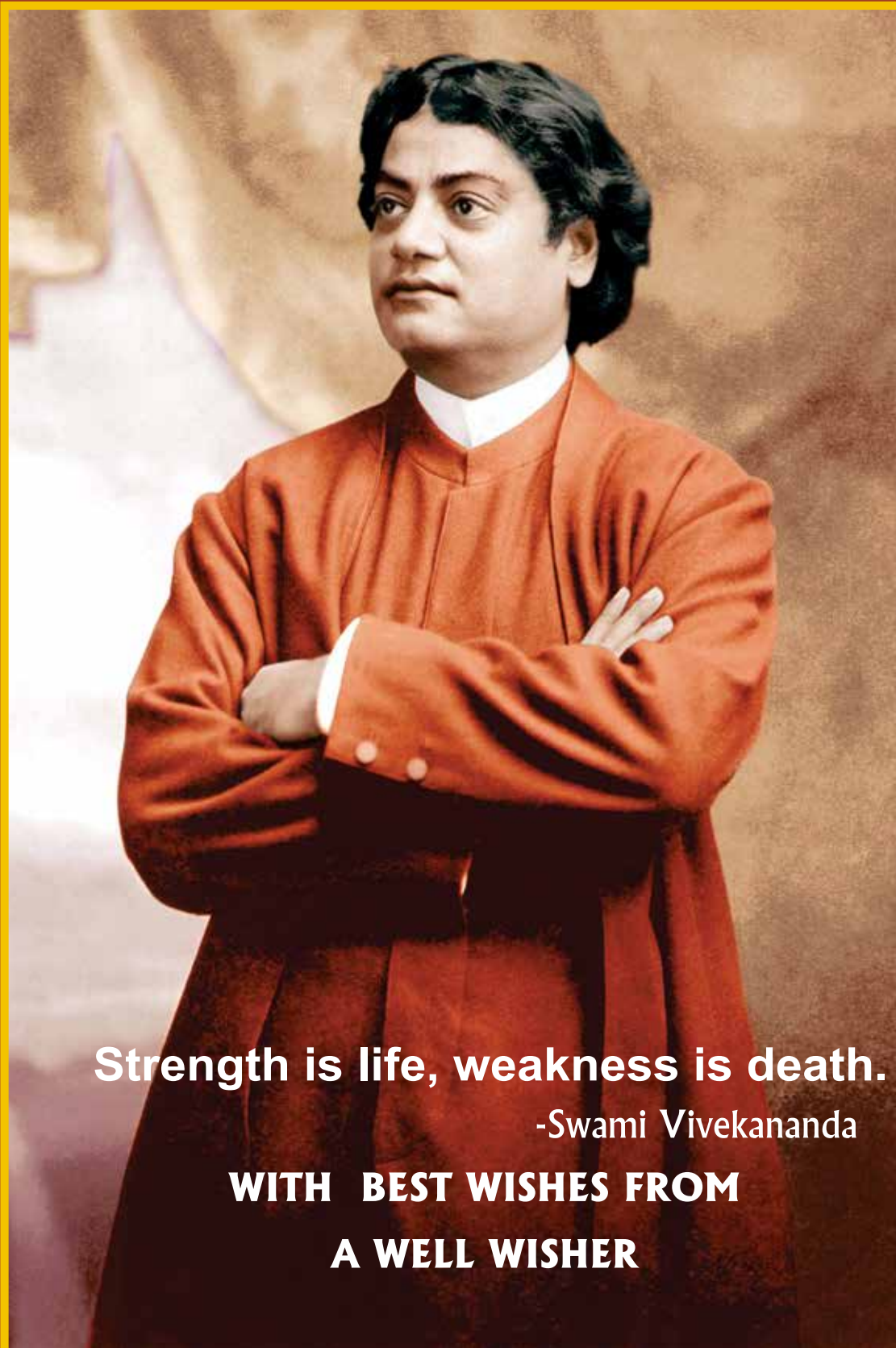


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Strength is life, weakness is death.

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पर्यावरणीय और सामाजिक सतत वृद्धि प्राप्त करते हुए देश को ऊर्जा सुरक्षा प्रदान करने और कोकिंग कोल आवश्यकताओं को पूरा करने के प्रति प्रतिबद्ध



बीसीसीएल कोल इंडिया लिमिटेड की एकमात्र कंपनी है जिसने वर्ष 2021-22 के लिए कोयला उत्पादन और प्रेषण दोनों ही लक्ष्यों को प्राप्त किया है। इस वर्ष पिछले 3 वर्षों की तुलना में अधिकतम उत्पादन और प्रेषण हुआ है।



खनन किए जा चुके क्षेत्रों और ओबी डंपों पर प्राकृतिक वनों को लगाने के साथ ही खनन किए जा चुके क्षेत्रों को इको-पार्क के रूप में विकसित किया जा रहा है।



केन्द्रीय चिकित्सालय धनबाद को कोविड अस्पताल बनाने के साथ ही, बीसीसीएल ने अपने कर्मचारियों, उनके परिवार के सदस्यों और संविदा कामगारों के लिए निःशुल्क टीकाकरण की व्यवस्था उपलब्ध करायी।



बीसीसीएल में ग्रामीण महिलाओं को आमदनी का सतत एवं वैकल्पिक स्रोत उपलब्ध कराने के उद्देश्य से हथकरघा बुनाई जैसे व्यावसायिक प्रशिक्षण प्रदान किए जा रहे हैं।



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