

PROGRESS REPORT

PHASE- II

Sub Project

Expansion of Activities of Biotech-KISAN Hub in Five Aspirational Districts (Nadia, Murshidabad, Birbhum, Maldah and Dakshin Dinajpur)

DBT Project entitled
“Establishment of Biotech-KISAN Hub
at West Bengal University of Animal and Fisheries
Sciences, Kolkata

2019-20



Directorate of Research, Extension and Farms
West Bengal University of Animal & Fishery Sciences
37 & 68 Kshudiram Bose Sarani,
Kolkata- 700037, West Bengal

FOREWORD



Prof. Chanchal Guha

The Sub Project “Expansion of Activities of Biotech-KISAN Hub in Five Aspirational Districts (Nadia, Murshidabad, Birbhum, Maldah and Dakshin Dinajpur)” under Mission mode programme Biotech-Krishi Innovation Science Application Network (Biotech-KISAN) was started in Aspirational districts of West Bengal for close conjugation between science laboratories and farms. This close interaction and need based research will allow innovative solutions and technologies to be developed and applied at the farm level.

Animal husbandry is a significant contributor to the economy as well as the socio-economic fabric of the country. In socio-economic terms, livestock and poultry are an integral part of farming systems in India, with farmers depending on these resources for additional income. Consumer preferences are also evolving to include more processed food, including meat. With rapid growth, the sector has immense potential for boosting farmer incomes. Vaccination coverage, along with artificial insemination coverage has been included as monitorable indicators under this programme for livelihood security to the small and marginal farmers of the aspirational districts of West Bengal(1. Nadia, 2. Murshidabad , 3. Birbhum ,4. Maldah, 5. Dakshin Dinajpur) as determined by the NITI Ayog. Improvement of Vanraja poultry and Black Bengal goat production is necessary to benefit the rural community and smallholder farmers through research and policy-making on the physical characteristics, reproductive ability, feeding systems, productivity and health aspects of these animals because increased animal production is prime moto of the project and I am confident that Biotech KISAN Hub has create a considerable impact among the farmers particularly the women to assure their livelihood security which is the real success of the project. In the event of publication of Progress report of the project for last year, I am very much pleased that the entire team has been dining serious work for the rural stake holder even in the COVID 19 pandemic situation. I am also appraised the endeavour to bring a considerable number of migrant labour (those have lost their job due to COVID 19 pandemic) in the activities/programme which will help them by effective entrepreneurship development through improved Animal Husbandry practices

PROF. CHANCHAL GUHA
VICE CHANCELLOR

ACKNOWLEDGEMENT

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SALIENT ACHIEVEMENT

Biotech-KISAN Hub Programme is linking available Science & Technology to the farmers of Five Aspirational Districts (Nadia, Murshidabad, Birbhum, Maldah and Dakshin Dinajpur) of West Bengal, through understanding their problems and to provide a suitable alternative solution for their better livelihood implemented in West Bengal University of Animal and Fishery Sciences from January 2020 on the basis of sanction order of DBT vide no *BT/KIS/123/SP35985/2019* Dated 29.11.2019. Following achievement has been so far observed under the project (till 15th October, 2020).

- The Survey about the socio-demographic picture, socio-economic status, adoption of technology, knowledge level and constrains faced in animal husbandry and fishery practices of randomly selected **4285** nos. of small and marginal farmers of the aspirational districts of West Bengal has been done between January 2020 to March 2020 to assess the problems of the local farmers for linking available Science & Technology and thereby to provide an alternative solution for their better livelihood. (Rest portion has not been done due lock down to combat COVID 19 pandemic situation.)
- 6 nos. of three days farmers' training programme on Scientific animal husbandry and aquaculture peactices with suitable curriculam for the small and marginal farmers of Aspirational districts of West Bengal (Maldah, Murshidabad, Nadia, Birbhum and Dakshin Dinajpur) through online mode has completed for betterment of farming community by completing. A total 914 farmers have been trained from aspirational districts (Birbhum- 183, Dakshin Dinajpur- 216, Malda- 185, Murshidabad- 274 and Nadia- 56).
- Out of them, a total 420 nos. of women farmer have been provided fellowship of an amount of Rs 1000/- per head has been given.
- Application of different FLDs like application of region specific Mineral Mixture supplementation, Deworming with specific Antihelmenthics, Vaccination for Goat against PPR, Vaccination for Goat against Goat Pox, Vaccination for Poultry, Fodder cultivation and Application Lime in divided dose for water treatment has been provided 4944 nos of farmers of Aspirational districts maintaining all covid security measure.
- Establishment of modern hygenic mechanized slaughter house with outlet for sale of the biotech kisan hub products (Chevon and Chicken) has been completed and full fledged functioning will be started shortly.
- A complete integrated model farm at Germplasm Centre, Mohanpur has already been eshtablished and the Duck house will be inaugurated soon.
- Development of moden Poultry hatchery for Vanraja Chicks at Murshidabad KVK for rhe benefit rural stake holders for hatching of their egg.
- Documentary film on sheep and goat production has been in local language for promotion of knowledge among the stake holders of biotech kisan hub.

EXECUTIVE SUMMARY

The project entitled Establishment of Biotech Kisan Hub at West Bengal University of Animal & Fishery Sciences has been started since January, 2020 after receiving sanction from the Department of Bio Technology, Ministry of Science & Technology, Government of India vide order no. *BT/KIS/123/SP35985/2019* Dated 29.11.2019. The Project is started with the objective for linking available Science & Technology to the farmers of Five Aspirational Districts (Nadia, Murshidabad, Birbhum, Maldah and Dakshin Dinajpur) of West Bengal through understanding their problems and to provide a suitable alternative solution for their better livelihood. The required manpower for undertaking the operation of project work has been recruited following the guideline of the University.

The Survey about the socio demographic picture, socio economic status, adoption of technology, knowledge level and constrains faced in animal husbandry and fishery practices of **4285** nos. small and marginal farmers of the aspirational districts under West Bengal of selected randomly done between January 2020 to March 2020 under the DBT funded project entitled Establishment of Biotech Kisan Hub at West Bengal University of Animal & Fishery Sciences to ascertain the problems of the local farmers for linking available Science & Technology to the farmers of Sundarban area to provide a suitable and alternative solution for their better livelihood and rest portion has not been done due lock down to combat COVID 19 pandemic situation to assess the problems of the local farmers for linking available Science & Technology and thereby to provide an alternative solution for their better livelihood. The result depicted that the majority of the farmers were women (63.20%) in sheep, goat rearing or fishing followed by men (36.80%) Analysis of survey revealed that up to 30 yrs age group i.e. young age group farmers were 26.00 % and above 60 yrs age group farmers (6.79%) (291 out of 4285) were least interested in sheep, goats and fish farming (Table 1). Occupation, family income, training and house type are positively and highly ($p < 0.01$) correlated with age. Age is negatively correlated ($p < 0.01$) with marital status, religion, family size, land holding and the most of the farmers are of Hindu (61.96%) were involved in goat farming rather than Muslim (38.04%) Married farmers were more interested in goat rearing (87.61%), followed by unmarried were (9.59%) and widow (2.80%) Maximum farmers' (41.87%) monthly family income is within Rs. 2001-5000/- . The result also revealed that farmers income above Rs. 10001 is very low (8.63%) while most of the farmers are mostly in engaged cultivation (40.84%) and worked as labor (34.73%) and migrant labour (13.98%). The caste of the farmers mostly belongs to General caste (44.9%) followed by OBC (41.31%) and Scheduled caste (11.9%), whereas only (6.77%) farmers belong to ST. The farmers can read and write (20.02%), primary (19.88%) and middle school (19.09%) passed, where only (9.73%) farmers were graduate. Majority of these farmers were from joint family (71.13%) were where only (28.87%) nuclear family. Hence, the finding indicate that the number of economically active members of joint family were interested to impart more income from Animal Husbandry and Fishery as this can contribute to their livelihood as alternative source of income. As whole the family income per year to the farmers of joint family is higher than that of nuclear family as because the land holding and alternative occupation is more. The most of the farmer's house were mixed house (44.01%) and kutch house were (29.29%) and only (3.20%) were Pucca house and the farmers' (36.41%) land size is upto 1 hectare while 28.73% farmers are having land upto 2 hectares, 26.58% farmers landless and only 8.17 % farmers are having land above 2

hectares. It is interesting that, majority of the farmers (84.15%) have not received training on Animal Husbandry and Fishery and only 15.85% farmers have received any training on Animal Husbandry or Fishery. The study on the economic status of the 4285 sheep, goat and fish farmers in the aspirational districts has been assessed and found that effect of house type, landholding, occupation and training received about animal husbandry and fishery practices was significant on monthly income. The socio-economic status explored that the majority of animal husbandry and fishery farmers in the aspirational districts belong to most active group, Hindu religion, illiterate, SC, OBC, lower economic status. Cultivation was the main occupation of majority of farmers to maintain livelihood security. The analysis revealed that the majority of farmers were engaged in livestock rearing among themselves mostly were married. Finally, it also depicted various constraints like lack of training facilities, education were the major drawbacks for upliftment of socio-economic status of the farmers in selected districts of West Bengal. From the present study, it can be concluded that the farmers employ their labor in livestock rearing as a subsidiary occupation. Therefore, small ruminants are considered to play pivotal role in generating employment, income, capital, storage. To enhance the production potential of the breed it is essential to introduce superior technologies and to create necessary facilities of improved practices. Rural farmers are able to contribute meaningfully to the cash needs for their family members.

Farmers' training have been organized for the selected farmers under DBT mission mode programme on Establishment of Biotech-KISAN Hub at WBUAFS, Kolkata for making a suitable plan for effective capacity building of these farmers for their better livelihood on the basis of the survey through suitable questionnaires. 6 nos. of three days farmers' training programme on Scientific animal husbandry and aquaculture practices with suitable curriculum for the small and marginal farmers of Aspirational districts of West Bengal (Maldah, Murshidabad, Nadia, Birbhum and Dakshin Dinajpur) through online mode have completed for betterment of farming community by completing. A total 914 farmers have been trained from aspirational districts (Birbhum- 183, Dakshin Dinajpur- 216, Malda- 185, Murshidabad- 274 and Nadia- 56). The impact of training programme will be assessed but it has been observed that, respondents had medium to high favorable opinion regarding the training. Major suggestion given by trainees includes provision of more off-campus training preferably in their villages as well as practical training at the institute level. Total 420 nos. of women farmer has been given an amount of Rs 1000/- per head as fellowship towards effective animal husbandry and fishery practices.

Documentary film on Animal husbandry promotion entitled "Life and Livelihood" has been made in local language for promotion of knowledge among the stake holders of biotech kisan hub which has been released by Dr Md. Aslam, Advisor, DBT

Quality male (8 nos.) and female (32 nos.) Black Bengal Goat has been procured from AICRP on Goat Improvement adopted villages as advised by CIRG, Makhdoom, UP. 1000 Egg of Bonraja Chicken procured from Directorate of Poultry Research (DPR) formerly Project Directorate on Poultry (PDP), Hyderabad

Establishment of HUB for farmers' knowledge through ICT was made at University HQ with one complete ICT lab with all modern facilities. One mobile App has been developed in the name of "MUUK" to give solution to the Farmers about their problems related to animal husbandry. Website in the name of Biotech Kisan (<http://btkisanwbuafs.com/>) has also hosted.

PROJECT TEAM

Name of the Hub coordinator&Principal Investigator of Implementing Institute:	Dr. Keshab Chandra Dhara Assistant Director of Farms, Directorate of Research, Extension and Farms, West Bengal University of Animal & Fishery Sciences, 37 & 68 Kshudiram Bose Sarani, Kolkata – 700037, West Bengal
Name of the Co-PI(s) & Implementing Institute(s):	Dr Shyam Sundar Kesh Assistant Professor (Veterinary Biochemistry) Department of Veterinary Clinical Complex (VCC) Faculty of Veterinary & Animal Sciences West Bengal University of Animal and Fishery Sciences.
Name of the Co-PI(s) & Implementing Institute(s):	Dr. Uttam Roy Programme Coordinator, Murshidabad KVK, Digha, Milebasa, P.O.– Kalukhali, P.S. Bhagwangola, District- Murshidabad, Pin-742135

Project Staff

Sl. No.	Name of the person	Name of the post	Qualification of the person employed	Status
1	Mrs. Shilpa Ghosh	Young Professional II	M.Sc. (Zoology)	Contd.
2	Dr. Paramita Dasgupta (Das)	Young Professional II	Ph.D. (Zoology)	Contd.
3	Mr. Asim Giri	Young Professional II	M.Sc. (Fisheries Science)	Contd.
4	Mrs. Sreetama Bhattacharjee	Young Professional II	M.Sc. (Agriculture and Rural Development)	Contd.
5	Mr. Biman Sarkar	Young Professional II	M.Sc. (Agriculture and Rural Development)	Contd.
6	Mr. Suprava Roy	Project Assistant	M.Sc. (Animal Science)	Contd.
7	Ms Sayantani Bose	Project Assistant	M.A, Computer application	
8	Ms. Abhirupa Dey	Data Entry Operator	B.Tech (computer Science & Engineering)	Contd.
9	Mrs. Rittwika Chatterjee	Attendant		Contd.
10	Mr. Tapas Dutta	Attendant		Contd.
11	Mrs. Puja Pandey	Attendant		Contd.
12	Mr. Sagen Kisku	Attendant		Contd.
13	Mrs. Ratna Das	Attendant		Contd.
14	Mr. Mursalim Mondal	Attendant		Contd.

DBT Mission Mode Programme Entitled “Establishment of Biotech-KISAN Hub”
Directorate of Research, Extension and Farms
West Bengal University of Animal & Fishery Sciences
37 & 68 Kshudiram Bose Sarani, Kolkata – 700037, West Bengal

Status Report Upto 15th October, 2020

Salient points

Aspirational Districts

- No of villages covered -
- No of beneficiaries -
- No of interventions demonstrated -

DETAILED REPORT

Sl No	Biotechnology tools/activities	Total No. of Villages Covered	Total No. of Districts Covered	Target for entire project	Person benefitted till	Achievement (%)	Remarks
1	Capacity building of the Farmers	18	5	2000	914	45.70	Total Activities has been organized through door to door with strict Covid 19 Safety measure.
2	Fellowship to women farmer	11	5	1200	420	35.00	
3	Application of region specific Mineral Mixture supplementation	13	5	5000	1786	35.72	
4	Deworming with specific Anthelmintics	13	5	5000	1781	35.62	
5	Vaccination for Goat against PPR	6	5	4000	717	17.93	
6	Vaccination for Goat against Goat Pox	0	0	4000	0	0.00	
7	Vaccination for Poultry	11	5	10000	2109	21.09	
8	Adoption of Superior quality Germplasm of Black Bengal Goat	0	0	600	0	0.00	
9	Adoption of Superior quality Vanraja chicks	0	0	800	0	0.00	
10	Adoption of Superior quality Indian major carps	0	0	600	0	0.00	
11	Value Addition in Meat and Fish products	0	0	100	0	0.00	
12	Supplementations of quality concentrate feed	0	0	2000	0	0.00	
13	Adoption of Fodder cultivation	4	1	2000	96	4.80	
14	Application Lime in divided dose for water treatment	4	2	100	33	33.00	
15	Application of Ornamental Fish farming	0	0	100	914	45.70	

INTRODUCTION

India is on a high growth trajectory that is expected to lift millions out of poverty. However, presently the quality of life of many of its citizens is not consistent with this growth story, a fact reflected in UNDP's 2016 Human Development Index wherein we are ranked 131 out of 188 countries. A closer look at the data reveals high heterogeneity in the living standards in India. There are significant inter-state and inter-district variations. By uplifting the districts which have shown relatively lesser progress in achieving the key social outcome, India can move ahead in the human development index. Transformation of Aspirational Districts' programme aims to quickly and effectively transform these districts. Institutional support (crop insurance, electronic markets, artificial insemination, animal vaccination etc.) ultimately enables a large number of Indian youth to take up industry-relevant skill training that will help them in securing a better livelihood. It has always been believed that change happens when it begins at the grass-roots in 117 Aspirational Districts to innovate around ideas, strategies, practices and methods to bring about transformation in their respective districts with a concentrated effort to transform these districts. In West Bengal, as per NITI Aayog, the 5 aspirational districts (1. Nadia, 2. Murshidabad, 3. Birbhum, 4. Maldah, 5. Dakshin Dinajpur) are only under "Lower Gangetic Plains Region".

Input-intensive agriculture, post-Green Revolution, transformed India from a food-deficit nation into a food-surplus one. Animal husbandry is a significant contributor to the economy as well as the socio-economic fabric of the country. In socio-economic terms, livestock and poultry are an integral part of farming systems in India, with farmers depending on these resources for additional income. Consumer preferences are also evolving to include more processed food, including meat. With rapid growth, the sector has immense potential for boosting farmer incomes. Vaccination coverage, along with artificial insemination coverage has been included as monitorable indicators under this programme. The need of livestock rearing for alternative livelihood is the major priority of this day. Black Bengal goat is a very useful small livestock in this area distributed in almost every household in this area. It is also a great source of income for the poor people of this region. Small scale Goat farming has a very important role in reducing unemployment and poverty. Apart from black Bengal goat, Vanraja is an important poultry breed quite well adopted in the backyard system. The performance of Vanraja is significantly better than backyard indigenous dual purpose breed. The costs of rearing of both the breeds are lower with scientific practices. This creates small scale enterprise which have tremendous potential in these area in terms of nutritional security, gainful self-employment and economic upliftment as more than eighty five percent of the population of this region is non-vegetarian and chevon or chicken is preferred by most of the people. Improvement of Vanraja poultry and Black Bengal goat production is necessary to benefit the rural community and smallholder farmers through research and policy-making on the physical characteristics, reproductive ability, feeding systems, productivity and health aspects of these animals because increased animal production should be achieved rather than by increasing animal numbers, but enhanced disease control, integration of fodder production, improved husbandry and controlled breeding are essential steps to intensify animal production and the **Biotech Kisan Hub** will help them for their livelihood security which will be the success of the project.

AGRO-CLIMATIC ZONE: Lower Gangetic Plains Region

OBJECTIVES:

Biotech-Krishi Innovation Science Application Network (Biotech-KISAN)” will be implemented in Lower Gangetic Plains Region of India (Five Aspirational Districts (Nadia, Murshidabad, Birbhum, Maldah and Dakshin Dinajpur) of West Bengal) in phased manner with the following objectives:

- ❖ Linking available science and technology to the farm by first understanding the problem of the local farmer and provide solutions to those problems through a close conjunction, of scientists and farmers to improve the working conditions of small and marginal farmers.
- ❖ This programme aims to work with small and marginal farmers especially the woman farmer for better agriculture productivity through scientific intervention and evolving best farming practices in the Indian context.
- ❖ Introduction of superior genetic materials for improving productivity of livestock to enhance productive and reproductive efficiency through nutritional manipulation, supplementation of area specific mineral mixture, prevention of diseases by routine vaccination and effective managerial practices.

ACTIVITIES CARRIED OUT UNDER THE PROJECT UP TO 15TH OCTOBER, 2020

No	Name of the activities	Target for 2 years	Achievement till date
1.	Survey about the socio demographic picture of the small and marginal farmers of the aspirational districts under Lower Gangetic Plains Region ie West Bengal.	10000	4285
2.	Survey about the socio-economic status of the Farmers of the Aspirational districts in West Bengal.	10000	4285
3.	Analysis of survey records with statistical interference.	10000	4285
4.	Selection of 400 Farmers out of which 240 will be female Farmers in each aspirational district.	2000	1000
5.	Promotion of scientific goatary (Black Bengal Goats), Poultry (Vanaraja chicken) in backyard system along with fisheries in all selected aspirational districts.	2000	
6.	Procurement and distribution of quality lack Bengal Goat 600 farmers of aspirational Districts.	600	0
7.	Distribution of 16,000 28 days' old Vanraja Chicks among 700 beneficiaries of aspirational district.	800	0
8.	Distribution of 60,000 quality fish ling of Indian carps among 400 beneficiaries in each aspirational district.	600	0
9.	Establishment of Mechanised slaughterhouse to be established as integral part of the project.	1	1

10.	Quality animal may be procured from CIRG, Makhdoom, UP or ICAR-Directorate of Poultry Research (DPR) formerly Project Directorate on Poultry (PDP), Hyderabad.	1. 10 to 15 male and female Goat. 2. 5000 Egg of Bonraja Chicken from Directorate of Poultry Research (DPR) formerly Project Directorate on Poultry (PDP), Hyderabad	Quality male (8 nos.) and female (32 nos.) Black Bengal Goat has been procured from AICRP on Goat Improvement adopted villages as advised by CIRG, Makhdoom, UP. 1000 Egg of Bonraja Chicken procured from Directorate of Poultry Research (DPR) formerly Project Directorate on Poultry (PDP), Hyderabad
3.	Development of Poultry hatchery for Vanraja Chicks	1	1
4.	Training of 400 farmers about scientific rearing practices of back yard poultry and Black Bengal Goat considering 40 numbers of farmers in each batch for 5 days	2000	914
5.	Establishment of HUB for farmers' knowledge through ICT.	One complete ICT lab with all modern facilities at University HQ.	Establishment of HUB for farmers' knowledge through ICT was made at University HQ with one complete ICT lab with all modern facilities. One mobile App has been developed in the name of "MUUK" to give solution to the Farmers about their problems related to animal husbandry. Website in the name of Biotech Kisan (http://btkisanwbuafs.com/) has also hosted.
6.	Generation of software to meet up the requirement of farmers.		
7.	Organization of MELA and EXHIBITION for farmers' awareness.	1	0
8.	Fellowship to the women farmer	1200	420

ACTIVITIES AS PER TIMELINES

Year I –II

SI No	Name of the activity	Start date	Completion date	Present Status
1.	Survey and analysis of survey records with statistical interference	November, 2019	May 2020	The Survey of 4285 nos. small and marginal farmers of the aspirational districts under West Bengal of selected randomly done between January 2020 to March 2020 and rest is in process.
2.	Selection of 400 Farmers out of which 240 will be female Farmers in each aspirational district.	November, 2019	May 2020	Selection of total 1000 farmers have made rest continued.
3.	Procurement and distribution of quality lack Bengal Goat 600 farmers of aspirational Districts.	November, 2020	End of the project	Continued.
4.	Distribution of 16,000 28 days' old Vanraja Chicks among 700 beneficiaries of aspirational district.	November, 2020	End of the project	Continued.
5.	Distribution of 60,000 quality fish ling of Indian carps among 400 beneficiaries in each aspirational district.	November, 2020	End of the project	Continued.
6.	Establishment of Mechanised slaughterhouse to be established as integral part of the project.	November, 2019	May 2020	Completed
7.	Quality animal may be procured ICAR- Directorate of Poultry Research (DPR) formerly Project	November, 2020	End of the project	Continued.

Directorate on Poultry
(PDP), Hyderabad.

8.	Development of Poultry hatchery for Vanraja Chicks	of November, 2019	May 2020	Completed
9.	Training of 400 farmers in each districts	May 2020	July 2021	914 nos farmers have been trained and rest continued.
10.	Organization of MELA and EXHIBITION	September and 2021	End of the project	
11.	Fellowship to the 1200 women farmers.	May 2020	July 2021	420 nos farmers have been given fellowship amounting Rs 1000/- and rest continued

QUANTIFIABLE ACHIEVEMENT

SI No	Activities to be carried out as per time line up to March 2022	Achievement up to 15 th October 2020	Quantifiable achievement
1.	Survey and analysis of survey records with statistical interference	4285 farmers have been surveyed.	45.85%
2.	Selection of 400 Farmers out of which 240 will be female Farmers in each aspirational district.	Under way 1000 farmers have selected.	50%
3.	Procurement and distribution of quality lack Bengal Goat 600 farmers of aspirational Districts.	Contd.	0%
4.	Distribution of 16,000 28 days' old Vanraja Chicks among 700 beneficiaries of aspirational district.	Contd.	0%
5.	Distribution of 60,000 quality fish ling of Indian carps among 400 beneficiaries in each aspirational district.	Contd.	0%
6.	Establishment of a Mechanised slaughterhouse to be established as integral part of the project.	1	100%
7.	Quality animal may be procured ICAR- Directorate of Poultry Research (DPR) formerly Project Directorate on Poultry (PDP), Hyderabad.	<ul style="list-style-type: none"> ➤ Quality male (8 nos.) and female (32 nos.)Black Bengal Goat has been procured ➤ .1000 Egg of Bonraja Chicken procured 	80% 20%
8.	Development of a Poultry hatchery for Vanraja Chicks	1	100%
9.	Training of 400 farmers in each districts	914	45.7
10.	Organization of MELA and EXHIBITION	0	0%
11.	Fellowship to the women farmers.	420	35%

DETAILED REPORT

SOCIO ECONOMIC STATUS

Sheep, goats and fish are an integral part of rural India's symbiotic system of crop and livestock production and make up a significant part of the livestock wealth of the country. The socio-economic status of randomly selected 4285 farmers from in five Aspirational Districts (Nadia, Murshidabad, Birbhum, Maldah and Dakshin Dinajpur) of West Bengal state was done under the Sub-Project entitled “**Expansion of Activities of Biotech-KISAN Hub in Five Aspirational Districts (Nadia, Murshidabad, Birbhum, Maldah and Dakshin Dinajpur) of West Bengal**” under Biotech-KISAN Hub at West Bengal University of Animal & Fishery Sciences, Kolkata has been started since January, 2020 after receiving sanction from the Department of Bio Technology, Ministry of Science & Technology, Government of India vide order no.**BT/KIS/123/SP35985/2019** Dated 29.11.2019. The Survey about the socio demographic picture, socio economic status, adoption of technology, knowledge level and constrains faced in animal husbandry and fishery practices of **4285** nos. small and marginal farmers of the aspirational districts under West Bengal of selected randomly done between January 2020 to March 2020 under the DBT funded project entitled Establishment of Biotech Kisan Hub at West Bengal University of Animal & Fishery Sciences to ascertain the problems of the local farmers for linking available Science & Technology to the farmers of Sundarban area to provide a suitable and alternative solution for their better livelihood and rest portion has not been done due lock down to combat COVID 19 pandemic situation to assess the problems of the local farmers for linking available Science & Technology and thereby to provide a alternative solution for their better livelihood.

SOCIO-DEMOGRAPHIC STATUS

GENDER:

The perusal of the result depicted that the majority of the farmers were women (63.20%) in sheep, goat rearing or fishing followed by men (36.80%) (Table 1) as the goat or sheep are smaller in size which can be handled by the women farmer easily. The Spearman Correlation Test (Table-) revealed that gender is positively and highly ($p < 0.01$) correlated with age, marital status, occupation, caste, education and. Age and land holding are negatively correlated ($p < 0.01$) with gender.

AGE:

The chart explored that the most of farmers were within 30-60 yrs (67.21%) and they are most interested in sheep, goats and fish rearing. Analysis of survey revealed that up to 30 yrs age group i.e. young age group farmers were 26.00 % and above 60 yrs age group farmers (6.79%) (291 out of 4285) were least interested in sheep, goats and fish farming (Table 1). Occupation, family income, training and house type are positively and highly ($p < 0.01$) correlated with age. Age is negatively correlated ($p < 0.01$) with marital status, religion, family size, land holding.

RELIGION:

The result revealed that most of the Hindu farmers (61.96%) were involved in goat farming rather than Muslim (38.04%) (Table1).

MARITAL STATUS:

In the present study, married farmers were more interested in goat rearing (87.61%), followed by unmarried were (9.59%) and widow (2.80%) (Table1).

GROSS FAMILY INCOME:

The present study shows maximum farmers' (41.87%) monthly family income is within Rs. 2001-5000/- . The result also revealed that farmers income above Rs. 10001 is very low (8.63%).

OCCUPATION:

Most of the farmers are mostly in engaged cultivation (40.84%) and worked as labor (34.73%) and migrant labour (13.98%). The difference in percentage of observation in occupation among the surveyed farmers was highly significant as per chi square test ($p < 0.01$) (Table-1). Occupation had positive correlation with education status, caste, family income ($p < 0.05$) and house type ($p < 0.01$) while it is negatively correlated with family size, land holding and training received ($p < 0.01$) (Table-2).

CASTE:

The detail observation in the chart revealed that farmers mostly belongs to General caste (44.9%) followed by OBC (41.31%) and Scheduled caste (11.9%), whereas only (6.77%) farmers belongs to ST. (Table1,). The chi square test indicates that the difference in percentage is highly significant ($p < 0.01$) (Table-1).

EDUCATIONAL QUALIFICATION:

The analysis of the data revealed that most of the farmers can read and write (20.02%), primary (19.88%) and middle school (19.09%) passed, where only (9.73%) farmers were graduate (Table1). The variation of Percentage of the farmers having differentiation educational status was statistically significant ($p < 0.01$) as indicated in chi square list. The education status of the farmers is positively

correlated with caste at 0.01% level while it is negatively correlated with land holding at 0.05% level (Table -2).

FAMILY TYPE:

The perusal of the chart revealed that majority of farmers were from joint family (71.13%) were where only (28.87%) nuclear family was presented there (Table 1). In the village area mostly maximum of the families stay jointly along with all family members which is a observation finding. Chi square test indicate that the variation as highly significant ($p < 0.01$) (Table-1). It has been appeared that family type is positively correlated with family income while it is negatively correlated with house type at 0.01% level (Table -2). Hence, the finding indicate that the number of economically active members of joint family were interested to impart more income from Animal Husbandry and Fishery as this can contribute to their livelihood as alternative source of income. As whole the family income per year to the farmers of joint family is higher than that of nuclear family as because the land holding and alternative occupation is more.

FAMILY SIZE:

In the present study, it is observed that the majority of the farmers' (75.24%) are having medium family size. Rest of the farmers (24.29%) is having small family size.

HOUSE TYPES:

The detail observation in the chart revealed that most of the farmers' houses were mixed house (44.01%) and kutcha houses were (29.29%) and only (3.20%) were Pucca houses (Table1). In maximum of the villages of West Bengal particularly Kancha or mixed house are predominant. Chi square test indicates that the difference is highly significant ($p < 0.01$) (Table-1).

LAND HOLDING:

The analysis of the data revealed that most of the farmers' (36.41%) land size is upto 1 hectare while 28.73% farmers are having land upto 2 hectares, 26.58% farmers landless and only 8.17 % farmers are having land above 2 hectares.

TRAINING:

In the present study, it is observed that the majority of the farmers (84.15%) have not received training on AH and Fishery and only 15.85% farmers have received any training on AH or Fishery (Table1). The variations statistically significant ($p < 0.01$) (Table -1) as per the result observed in chi square test. Imparting training is an important tool to get alternative (Table-1) livelihood of the farming community as indicated in the present survey where by training received was positively correlated with Age and Religion at 0.01% level (Table -2) and with Family Income at 0.05% level (Table -2). Livestock can contribute to the bread & butter of farmers which was reflected in the present survey.

FARM POWER:

The analysis of the data revealed that most of the farmers' (72.79%) do not have any drought animal and 19.21% farmers have 1 or 2 drought animal (Table1). The variations statistically significant ($p < 0.01$) (Table -2) as per the result observed in chi square test (Table1).

MATERIAL POSSESSION:

In the present study, it is observed that the majority of the farmers (96.27%) have own cycle where 69.73% farmers have television in their home (Table1). The variations statistically significant ($p < 0.01$) as per the result observed in chi square test (Table -1).

SOCIO-ECONOMIC STATUS:

The study on the economic status of the 4285 sheep, goat and fish farmers in the Sundarban area has been assessed and being depicted in (Table 3). The analysis of variance regarding effect of house type, landholding, occupation and training received about animal husbandry and fishery practices was also made (Table 4). It has been appeared from the survey that the monthly family income from agriculture, from animal husbandry and fishery and from other sources (service/business) and total income of farmer's who have larger landholding is significantly ($p < 0.01$) higher than those who have less landholding. It has been appeared from the survey that the family income from agriculture, from animal husbandry and fishery and from other sources (service/business) and total income of farmers who have mixed house type, pucca house or mansion are significantly ($p < 0.01$) higher than other who have no house or kutcha house. The total monthly income of farmers who have mansion is Rs.10398.15 while the same has been (Rs.3123.84/-) in case of other who has no house. It shows that who have better economic return has better material possession. Training is an important component which influences the economic profit of the farmer's family. The economic returns of the farming community having proper training have significantly ($p < 0.01$) higher than those who have not received any training. Farmer's occupation is another important component which influences the economic profit of the farmer's family. Who are engaged in service (Rs. 11004.85/-) or business sector (Rs. 7900.36/-) and caste occupation (Rs. 7497.65/-) are considerably having higher ($p < 0.01$) total income (monthly) than those who are in cultivation (Rs. 6849.30/-) or works as migrants labour (Rs. 6733.57/-) or labour (Rs. 3123.84/-) (Table 3).

CONCLUSION:

The socio-economic status explored that the majority of animal husbandry and fishery farmers in the aspirational districts belongs to most active group, Hindu religion, illiterate, SC, OBC, lower economic status. Cultivation was the main occupation of majority of farmers to maintain livelihood security. The analysis revealed that the majority of farmers were engaged in livestock rearing among themselves mostly were married. Finally, it also depicted various constraints like lack of training facilities, education were the major drawbacks for upliftment of socio-economic status of the farmers in selected districts of West Bengal. From the present study, it can be concluded that the farmers employ their labor in livestock rearing as a subsidiary occupation. Therefore, small ruminants are considered to play pivotal role in generating employment, income, capital, storage. To enhance the production potential of the breed it is essential to introduce superior technologies and to create necessary facilities of improved practices. Rural farmers are able to contribute meaningfully to the cash needs for their family members.

Table No 1 Demographic and Socio Personal characteristics of farmers of Aspirational districts of West Bengal. (N = 4285)

Characters	Category	BIRBHUM (1020)		NADIA (845)		MALDA (788)		SOUTH DINAJPUR (840)		MURSHIDABAD (792)		Overall (4285)		Chi Square Value
		Freq.	(%)	Freq.	(%)	Freq.	(%)	Freq.	(%)	Freq.	(%)	Freq.	(%)	
Sex	Male	375	36.76	311	36.80	290	36.80	309	36.79	292	36.87	1577	36.80	66.64**
	Female	645	63.24	534	63.20	498	63.20	531	63.21	500	63.13	2708	63.20	
Age	Young group (up to 30 years)	265	25.98	221	26.15	205	26.02	218	25.95	205	25.88	1114	26.00	94.92**
	Most active group (30-60years.)	686	67.25	566	66.98	530	67.26	565	67.26	533	67.30	2880	67.21	
	Elder group (above 60 years.)	69	6.76	58	6.86	53	6.73	57	6.79	54	6.82	291	6.79	
Religion	Hindu	932	91.37	388	45.92	398	50.51	747	88.93	190	23.99	2655	61.96	160.44**
	Muslim	88	8.63	457	54.08	390	49.49	93	11.07	602	76.01	1630	38.04	
Marital status	Married	894	87.65	740	87.57	690	87.56	736	87.62	694	87.63	3754	87.61	182.49**
	Unmarried	98	9.61	81	9.59	76	9.64	81	9.64	75	9.47	411	9.59	
	Widow/ Widower	28	2.75	24	2.84	22	2.79	23	2.74	23	2.90	120	2.80	
Gross family income/month	Below Rs.2000/-	388	38.04	389	46.04	95	12.06	151	17.98	348	43.94	1371	32.00	145.83**
	Rs. 2001-5000/-	428	41.96	253	29.94	472	59.90	403	47.98	238	30.05	1794	41.87	
	Rs. 5001-10,000/-	143	14.02	152	17.99	142	18.02	202	24.05	111	14.02	750	17.50	
	Rs. 10001 & above	61	5.98	51	6.04	79	10.03	84	10.00	95	11.99	370	8.63	

Occupation	Labour	338	33.14	425	50.30	128	16.24	410	48.81	187	23.61	1488	34.73	88.44**
	Caste Occupation	20	1.96	18	2.13	16	2.03	22	2.62	28	3.54	104	2.43	
	Migrants labour	118	11.57	112	13.25	110	13.96	114	13.57	145	18.31	599	13.98	
	Business	44	4.31	34	4.02	24	3.05	10	1.19	29	3.66	141	3.29	
	Service	41	4.02	27	3.20	56	7.11	17	2.02	62	7.83	203	4.74	
	Cultivation	459	45.00	229	27.10	454	57.61	267	31.79	341	43.06	1750	40.84	
Caste	General	667	65.39	317	37.51	421	53.43	406	48.33	113	14.27	1924	44.90	102.94.**
	Schedule caste	148	14.51	55	6.51	39	4.95	220	26.19	48	6.06	510	11.90	
	Schedule tribe	118	11.57	34	4.02	22	2.79	104	12.38	12	1.52	290	6.77	
	Other backward caste	87	8.53	439	51.95	306	38.83	319	37.98	619	78.16	1770	41.31	
Education of the respondent	Illiterate	10	0.98	17	2.01	47	5.96	52	6.19	32	4.04	158	3.69	117.28**
	Can read only	210	20.59	51	6.04	32	4.06	151	17.98	92	11.62	536	12.51	
	Can read & write	286	28.04	84	9.94	204	25.89	152	18.10	132	16.67	858	20.02	
	Primary	160	15.69	133	15.74	283	35.91	115	13.69	161	20.33	852	19.88	
	Middle school	158	15.49	304	35.98	95	12.06	102	12.14	159	20.08	818	19.09	
	High school	99	9.71	189	22.37	32	4.06	184	21.90	142	17.93	646	15.08	
	Graduate	97	9.51	67	7.93	95	12.06	84	10.00	74	9.34	417	9.73	
Family type	Nuclear family	530	51.96	135	15.98	310	39.34	183	21.79	79	9.97	1237	28.87	171.19**
	Joint family	490	48.04	710	84.02	478	60.66	657	78.21	713	90.03	3048	71.13	
Family Size	Small	528	51.76	145	17.16	110	13.96	174	20.71	84	10.61	1041	24.29	221.92**
	Medium	492	48.24	700	82.84	678	86.04	646	76.90	708	89.39	3224	75.24	
House Type	No house	61	5.98	55	6.51	79	10.03	38	4.52	48	6.06	281	6.56	202.94**
	Hut	41	4.02	227	26.86	114	14.47	124	14.76	79	9.97	585	13.65	

	Kutch House	265	25.98	214	25.33	261	33.12	299	35.60	216	27.27	1255	29.29	
	Mixed House	607	59.51	298	35.27	264	33.50	328	39.05	389	49.12	1886	44.01	
	Pucca House	20	1.96	11	1.30	38	4.82	34	4.05	34	4.29	137	3.20	
	Mansion	26	2.55	35	4.14	32	4.06	17	2.02	26	3.28	136	3.17	
Land	No land/Land less	168	16.47	304	35.98	126	15.99	185	22.02	356	44.95	1139	26.58	105.84**
	Up to 1 hectare	469	45.98	296	35.03	258	32.74	378	45.00	159	20.08	1560	36.41	
	Up to 2 hectares	261	25.59	220	26.04	342	43.40	210	25.00	198	25.00	1231	28.73	
	Above 2 hectares	122	11.96	20	2.37	62	7.87	67	7.98	79	9.97	350	8.17	
Training Received	Not received	161	15.78	109	12.90	111	14.09	156	18.57	142	17.93	679	15.85	89.96**
	Received	859	84.22	736	87.10	677	85.91	684	81.43	650	82.07	3606	84.15	
Farm Power	No Drought Animal	742	72.75	615	72.78	574	72.84	611	72.74	576	72.73	3119	72.79	117.28**
	1-2 Drought animals	196	19.22	154	18.22	154	19.54	161	19.17	152	19.19	823	19.21	
	3-4 drought /1 or more prestige animal	49	4.80	45	5.33	38	4.82	40	4.76	38	4.80	206	4.81	
	5-6 Drought animals/Tractors	32	3.14	27	3.20	25	3.17	27	3.21	25	3.16	137	3.20	
Material Possession	Bullock Cart	314	30.78	260	30.77	243	30.84	259	30.83	244	30.81	1320	30.81	145.83**
	Cycle	982	96.27	813	96.21	759	96.32	809	96.31	756	95.45	4125	96.27	
	Radio	349	34.22	289	34.20	270	34.26	288	34.29	271	34.22	1468	34.26	
	Television	711	69.71	589	69.70	572	72.59	586	69.76	552	69.70	2988	69.73	

Table 2. Spearman Correlation coefficient of Socio Personal characteristics of the farmers of Aspirational districts of West Bengal. (N = 4285)

	Districts	Sex	Age	Marital status	Religion	Occupation	Education Status	Caste	Family Type	Family size	family Income	Land Holding	Training	House Type
Districts	1	.123	-.566**	.330**	.229**	-.691**	-.016	-.263**	.000	.319**	-.191**	.528**	-.206**	-.097
Sex		1	-.248**	.356**	.111	.280**	.361**	.171**	-.054	-.065	.002	-.239**	.003	.082
Age			1	-.314**	-.245**	.396**	-.129*	.103	-.002	-.234**	.163**	-.340**	.341**	.163**
Marital status				1	.450**	.017	.332**	.151*	.224**	-.054	.364**	.082	.031	-.106
Religion					1	-.087	.073	.064	.636**	-.027	.257**	.177**	.270**	-.382**
Occupation						1	.248**	.306**	.089	-.352**	.431**	-.593**	-.244**	.124*
Education Status							1	.530**	.012	.010	.118	-.125*	.014	.107
Caste								1	.053	.012	.165**	-.275**	.107	.095
Family Type									1	-.048	.402**	.085	.093	-.260**
Family size										1	-.370**	.318**	-.206**	.025
family Income											1	-.180**	.128*	.086
Land Holding												1	-.054	-.079
Training													1	.095
House Type														1

Table 3: Monthly Economic return (in rupees) (Mean ± SEM) of the farmers of Aspirational districts of West Bengal. (N = 4285)

Different factors		From Agriculture (Rs)	From Animal Husbandry (Rs)	From other (service/ businesses) (Rs)	Total income (Rs)
Overall (4285)		2024.95 ± 16.05 (4285)	971.98 ± 12.36 (4285)	4059.62 ± 12.66 (4285)	7056.55 ± 13.63 (4285)
Districts	Birbhum (1020)	2240.52 ± 19.23 (1020)	1075.45 ± 14.81 (1020)	4055.34 ± 15.70 (1020)	7371.31 ± 16.91 (1020)
	Nadia (845)	2018.09 ± 15.88 (845)	968.68 ± 12.22 (845)	4237.99 ± 12.41 (845)	7224.76 ± 13.36 (845)
	Malda (788)	2026.23 ± 16.148 (788)	972.59 ± 12.46 (788)	3849.84 ± 12.91 (788)	6848.66 ± 13.91 (788)
	South Dinajpur (840)	1857.67 ± 13.13 (840)	891.68 ± 10.11 (840)	4086.87 ± 6.59 (840)	6836.23 ± 7.09 (840)
	Murshidabad (792)	1930.79 ± 13.74 (792)	926.78 ± 10.58 (792)	4054.66 ± 10.38 (792)	6912.23 ± 11.18 (792)
Sex	Male	2260.19 ± 19.54 (1577)	1068.20 ± 15.05 (1577)	4949.50 ± 15.95 (1577)	7311.29 ± 17.18 (1577)
	Female	1698.09 ± 4.69 (2708)	866.02 ± 3.61 (2708)	2884.22 ± 4.00 (2708)	5448.33 ± 4.31 (2708)
Age	Young group (up to 30 years)	2046.49 ± 17.10 (1114)	982.32 ± 13.16 (1114)	3849.84 ± 13.67 (1114)	6878.65 ± 14.72 (1114)
	Most active group (30-60years.)	2285.33 ± 19.85 (2880)	1290.54 ± 15.28 (2880)	4866.41 ± 16.61 (2880)	8442.28 ± 17.89 (2880)
	Elder group (above 60 years.)	1977.73 ± 15.26 (291)	949.31 ± 11.75 (291)	4153.23 ± 11.90 (291)	7080.26 ± 12.82 (291)
Religion	Hindu	2228.85 ± 18.93 (2655)	1069.85 ± 14.58 (2655)	4234.82 ± 15.44 (2655)	7533.53 ± 16.63 (2655)
	Muslim	1671.90 ± 4.33 (1630)	802.51 ± 3.33 (1630)	3678.18 ± 23.95 (1630)	6152.60 ± 25.80 (1630)

Marital status	Married	2127.54 ± 17.71 (3754)	1021.22 ± 13.63 (3754)	4042.33 ± 14.43 (3754)	7191.09 ± 15.54 (3754)
	Unmarried	1996.30 ± 15.57 (411)	537.73 ± 11.99 (411)	3613.31 ± 12.15 (411)	6147.34 ± 13.09 (411)
	Widow/ Widower	1836.46 ± 12.82 (120)	910.56 ± 9.87 (120)	3178.49 ± 4.26 (120)	5925.51 ± 4.59 (120)
Family type	Nuclear family	1467.56 ± 3.72 (1237)	749.01 ± 2.86 (1237)	4495.56 ± 3.09 (1237)	6712.13 ± 3.32 (1237)
	Joint family	2431.48 ± 20.15 (3048)	1167.11 ± 15.52 (3048)	4234.82 ± 16.89 (3048)	7833.41 ± 18.19 (3048)
Education	Illiterate	2041.58 ± 16.79 (158)	873.85 ± 12.93 (158)	2615.60 ± 13.42 (158)	5531.02 ± 14.45 (158)
	Farmers' education up to middle school (class ten)	2107.28 ± 17.40 (2246)	1069.85 ± 13.40 (2246)	3926.84 ± 14.18 (2246)	7103.97 ± 15.27 (2246)
	Farmers' education more than middle school (class ten)	1931.98 ± 14.44 (1881)	980.85 ± 11.12 (1881)	7356.37 ± 11.14 (1881)	10269.19 ± 12.00 (1881)
Training	Training received	2191.86 ± 18.62 (679)	1052.09 ± 14.34 (679)	4471.04 ± 15.19 (679)	7714.99 ± 16.36 (679)
	Training not received	1702.03 ± 5.73 (3606)	719.72 ± 4.41 (3606)	4311.82 ± 5.55 (3606)	6733.57 ± 5.98 (3606)
Occupation	Labour	598.77 ± 2.41 (1488)	480.85 (1488)	2054.22 (1488)	3123.84 (1488)
	Caste Occupation	1655.25 ± 3.95 (1040)	840.12 ± 3.04 (1040)	5002.28 ± 6.65 (1040)	7497.65 ± 7.17 (1040)
	Migrants labour	1702.03 ± 5.13 (599)	719.72 ± 3.95 (599)	4311.82 ± 3.59 (599)	6733.57 ± 3.87 (599)
	Business	1902.86 ± 13.43 (141)	849.19 ± 10.34 (141)	5148.31 ± 14.20 (141)	7900.36 ± 15.30 (141)
	Service	1931.98 ± 14.35 (203)	980.85 ± 11.05 (203)	8092.02 ± 10.89 (203)	11004.85 ± 11.72 (203)

	Cultivation	2105.62 ± 17.13 (1750)	1055.14 ± 13.19 (1750)	3688.54 ± 13.92 (1750)	6849.30 ± 15.00 (1750)
Caste	General	2155.15 ± 18.01 (1924)	1040.72 ± 13.87 (1924)	5002.28 ± 14.68 (1924)	8198.15 ± 15.82 (1924)
	Schedule caste	1958.33 ± 14.65 (510)	719.72 ± 11.28 (510)	4311.82 ± 11.39 (510)	6989.87 ± 12.27 (510)
	Schedule tribe	1722.12 ± 6.70 (290)	934.18 ± 5.16 (290)	3533.11 ± 11.98 (290)	6189.41 ± 12.90 (290)
	Other backward caste	1731.68 ± 8.02 (1770)	880.48 ± 6.18 (1770)	4865.17 ± 4.75 (1770)	7477.33 ± 5.11 (1770)
House Type	No house	588.77 ± 2.20 (281)	480.85 ± 1.69 (281)	2054.22 ± 2.22 (281)	3123.84 ± 2.40 (281)
	Hut	1805.62 ± 12.52 (585)	905.14 ± 9.64 (585)	2988.75 ± 3.89 (585)	5699.51 ± 4.19 (585)
	Kutch House	1958.33 ± 14.96 (1255)	719.72 ± 11.52 (1255)	4001.82 ± 11.65 (1255)	6679.87 ± 12.54 (1255)
	Mixed House	1722.12 ± 7.94 (1886)	934.18 ± 6.11 (1886)	3533.11 ± 28.40 (1886)	6189.41 ± 30.59 (1886)
	Pucca House	1931.47 ± 14.04 (137)	988.25 ± 10.81 (137)	5837.17 ± 10.63 (137)	8756.89 ± 11.45 (137)
	Mansion	2155.15 ± 18.32 (136)	1040.72 ± 14.11 (136)	7202.28 ± 14.94 (136)	10398.15 ± 16.09 (136)
Land Holding	No land/Land less	1029.25 ± 2.68 (1139)	719.72 ± 2.07 (1139)	3012.21 ± 1.99 (1139)	4761.17 ± 2.15 (1139)
	Up to 1 hectare	1698.24 ± 4.83 (1560)	934.18 ± 3.72 (1560)	3533.11 ± 3.28 (1560)	6165.53 ± 3.53 (1560)
	Up to 2 hectares	2031.45 ± 16.49 (1231)	1018.25 ± 12.69(1231)	5837.17 ± 13.17(1231)	8886.87 ± 14.18 (1231)
	Above 2 hectares	2550 ± 20.46 (350)	1040.72 ± 15.75(350)	6801.128 ± 17.17(350)	10391.85 ± 18.49(350)

Table 4 : ANOVA of Monthly Economic return of different category of the of the farmers under Aspirational districts of West Bengal

SOV	df	From Agriculture	From Animal Husbandry	From other (service/businesses)	Total income	From Agriculture	From Animal Husbandry	From other (service/businesses)	Total income
		Mean Square				F value			
Districts	4	66.4	57.9	29.4	51.2	2.82	2.09	2.61	1.30
Sex	1	26.8	44.8	62.7	44.8	1.14	1.62	5.56**	1.14
Age	2	78.2	31.0	46.2	51.8	3.32	1.12	4.10*	1.32
Religion	1	69.7	52.8	21.6	48.0	2.96	1.91	1.91	1.22
Marital status	2	81.1	36.5	122.5	80.0	3.44*	1.32	10.87**	2.04
Family type	1	164.3	78.6	109.3	117.4	6.98**	2.84	9.70**	2.99
Education	2	59.4	67.5	184.5	103.8	2.52	2.44	16.38**	2.64
Training	1	62.2	191.6	179.0	144.3	2.64	6.92**	15.89**	3.67*
Occupation	5	96.7	98.8	299.1	164.9	4.11*	3.57	26.54**	4.20**
Caste	3	45.7	29.8	20.1	31.9	1.94	1.08	1.78	0.81
House Type	5	93.4	86.8	219.8	133.3	3.97*	3.14*	19.51**	3.39*
Land Holding	3	671.6	177.2	82.8	310.5	28.52**	6.40**	7.35**	7.90**
ERROR	4254	23.546	27.676	11.267	39.286				

** P<0.01 *p<0.05

Adoption Level of the Farmers in the Aspirational Districts:

Adoption Index of the Farmers in the Aspirational Districts:

Adoption index (Mean & SEM) generated through standard practice Dasgupta (1968) among the farmers in the aspirational districts of West Bengal in relation to improved farm practices of animal husbandry and fishery like vaccination against contagious diseases, Deworming for parasitic disease, Cultivation of Green fodder, Feeding of green fodder, Feeding of Concentrate Mixture, Feeding of Colostrum to new born kid, Feeding of Urea & molasses treated straw, Castration by Bradizzo Castrator, Value addition of Milk & Meat has been represented in the table (.). Analysis of variance in respect of gender, age of the farmers, religion, marital status, occupation, caste, education, family type, family size, house type, training received and land holding capacities have been assessed and depicted in table(5). It had been observed that education, training received, occupation and landholding had highly ($p < 0.01$) significant effect on adoption index. It had been appeared that adoption index among the farmers of South Dinajpur district (6.07 ± 0.99) was significantly higher than the other four districts viz Malda (6.02 ± 1.01), Murshidabad (6.01 ± 1.03), Birbhum (5.57 ± 0.93), and Nadia (5.20 ± 1.16). The result indicated that the farmers of south Dinajpur district were more adapted to improved animal husbandry and fishery practices. Who were graduate or had higher educational degree were having significantly ($p < 0.01$) higher adoption index (6.22 ± 1.12) in comparison to those with lower educational level. Similarly, who worked as labour and were engaged in cultivation, were having significantly ($p < 0.01$) higher adoption index than other occupations. Farmers, who had received training, were having significantly ($p < 0.01$) higher adoption index (7.89 ± 1.08) in comparison to those who had not received any training (5.42 ± 1.01). It was obvious that the farmers who received training were more acquainted with animal husbandry and fishery practices. The adoption of improved technology was thus preferred by these farmers. In case of land holding pattern the adoption of improved technology was preferred by the farmers. In case of land holding pattern the adoption index of farmers having land holding above 2 acre was much significantly ($p < 0.01$) higher (7.63 ± 0.92) than other three groups viz landless (5.54 ± 1.07), marginal (5.92 ± 1.09) and small farmer (6.45 ± 1.09). The farmers having land particularly agro land more than 2 acre were fond of animal rearing as a source of alternative livelihood. The improved technology for scientific livestock rearing was essential for improvement of their economic status and that's why adoption index was comparatively higher. The other factor like age, religion, education, caste, marital status, family size and house type had no significant effect on adoption index of those farmers.

Adoption Level of the Farmers in the Aspirational Districts:

Adoption level was a key factor to assess how much the improved technology was essential among these farmers. The adoption level was described in three groups viz low, medium and high and the value was depicted in Table (5). It had been observed that, majority of farmers of Birbhum district (62.10%) were having higher percentage of low adoption level in comparison to other four districts. Unmarried (60%), person engaged in cultivation (62.18%), illiterate (61.49%) were also having higher frequency of low level adoption. Farmers of other backward caste were having low level of adoption in relation to other caste. The chi-square test (Table 6) found that the difference in value in adoption level of these farmers based on different category had a highly significant effect ($p < 0.01$). The adoption of technology by mainly small and marginal farmers in the under developed districts (aspirational districts) of West Bengal was the prime focus of the present study. The result had showed low level of adoption among these farmers whom indicated their lacking in application

of improved fishery and animal husbandry practices The present study conducted mainly with small and marginal farmers in the under developed districts (aspirational districts) of West Bengal.

Relationship between Independent Variables with Adoption Level of Farmers in the Aspirational Districts:

The correlation co-efficient of each of the personal and socio-economic characteristics with the adoption level of respondents have been furnished in Table (7). It was revealed that, overall in five districts among 11 independent variables, 7 variables viz., religions, occupation, education, family type, house type, land holding and training showed significant ($P < 0.01$) relationship, where as caste showed Significant relationship at 0.05 level of probability with the adoption level of farmers in five aspirational districts in West Bengal. The remaining three variables viz., *district*, age, marital status did not establish any significant relationship with the adoption level of farmers in five aspirational districts in West Bengal. Marital status had a negative correlation with adoption index but it was not statistically significant.

Adoption Level of Different Technologies among the Farmers in the Aspirational Districts:

Adoption of different technologies is depicted in table 8. Hence in future days comprehensive farmers' training and awareness need to be generated for improvement of their livelihood through livestock rearing. In South Dinajpur vaccination (82.14%) had highest adoption level followed by Murshidabad district (76.01%) and Nadia districts (73.96%), Malda (71.95%) and Birbhum (67.94%).

Table No 5 Adoption Index (Mean \pm SEM) and ADOPTION LEVEL of the farmers of Aspirational districts of West Bengal. (N = 4285)

Category	Different factors	Adoption Index	Adoption level (%)			Chi square value
		(Mean \pm SEM)	Low	Medium	High	
			(<5.00)	(>5.00 <6.5)	(>6.5)	
OVERALL		5.95 \pm 1.05 (4285)	58.35	32.80	8.85	72.14**
Districts	Birbhum	5.57 \pm 0.93 (1020)	62.10	28.30	9.60	60.44**
	Nadia	5.20 \pm 1.16 (845)	57.86	31.46	10.67	
	Malda	6.02 \pm 1.01 (788)	60.66	29.37	9.96	
	South Dinajpur	6.07 \pm 0.99 (840)	46.97	39.60	13.43	
	Murshidabad	6.01 \pm 1.03 (792)	54.08	34.29	11.63	
Age	Young Group (Up To 30 Years)	6.09 \pm 0.92 (1114)	52.71	35.31	11.98	82.49**
	Most Active Group (30-60 years.)	5.90 \pm 1.03 (2880)	56.45	32.52	11.03	
	Elder Group (Above 60 Years.)	5.88 \pm 0.93 (291)	55.07	33.55	11.38	
Religion	Hindu	5.86 \pm 1.01 (2655)	58.28	31.15	10.57	75.33**
	Muslim	5.12 \pm 1.13 (1630)	57.83	31.49	10.68	
Marital Status	Married	5.41 \pm 0.96 (3754)	58.67	30.86	10.47	64.84**
	Unmarried	5.19 \pm 1.05 (411)	60.35	29.61	10.04	
	Widow/ Widower	5.45 \pm 1.28 (120)	58.36	31.09	10.55	
Occupation	Labour	5.99 \pm 0.72 (1488)	46.59	39.88	13.53	68.94.**
	Caste Occupation	5.06 \pm 1.00 (104)	61.34	28.87	9.79	

	Migrants Labour	5.46 ± 0.98 (599)	56.95	38.40	4.65	
	Business	5.04 ± 1.10 (141)	61.49	28.75	9.75	
	Independent	5.55 ± 0.89 (1953)	57.60	31.66	10.74	
	Cultivation	5.95 ± 1.09 (1750)	62.18	28.24	9.58	
Caste	General	5.82 ± 1.02 (1924)	58.59	30.92	10.49	67.28**
	Schedule Caste	5.52 ± 0.97 (510)	57.83	31.49	10.68	
	Schedule Tribe	5.37 ± 0.88 (290)	58.97	30.64	10.39	
	Other Backward Caste	4.74 ± 1.06 (1770)	63.78	27.04	9.17	
Education of the farmers	Illiterate	5.04 ± 1.05 (158)	61.49	28.75	9.75	74.44**
	Can Read Only	5.29 ± 1.02 (536)	59.58	30.18	10.24	
	Can Read & Write	5.41 ± 1.06 (858)	58.67	30.86	10.47	
	Primary	5.72 ± 1.02 (852)	56.30	32.63	11.07	
	Middle School	5.85 ± 1.04 (818)	55.30	33.37	11.32	
	High School	6.09 ± 0.86 (646)	53.47	34.74	11.79	
	Graduate	6.22 ± 1.12 (417)	60.12	29.78	10.10	
Family type	Nuclear Family	5.85 ± 1.12 (1237)	55.33	33.35	11.31	104.22**
	Joint Family	5.96 ± 1.06 (3048)	49.97	37.36	12.67	
Family Size	Small	5.66 ± 0.99 (1041)	47.17	39.45	13.38	79.94**
	Medium	5.59 ± 1.00 (3224)	47.82	38.96	13.22	
	Large	5.57 ± 1.11 (20)	48.01	38.82	13.17	
House Type	No house	5.49 ± 0.97 (281)	42.22	43.14	14.63	47.84**
	Hut	5.72 ± 0.92 (585)	43.81	41.96	14.23	
	Kutch House	5.55 ± 1.08 (1255)	48.20	38.68	13.12	
	Mixed House	6.02 ± 1.01 (1886)	43.81	41.96	14.23	

	Pucca House	6.09 ± 0.87 (137)	43.16	42.44	14.40	
	Mansion	5.32 ± 1.04 (136)	50.34	37.08	12.58	
Land Holding	No land/Land less	5.54 ± 1.07 (1139)	48.29	38.61	13.10	77.74**
	Up to 1 hectare	5.92 ± 1.09 (1560)	44.74	41.26	14.00	
	Up to 2 hectares	6.45 ± 1.09 (1231)	39.77	44.97	15.26	
	Above 2 hectares	7.63 ± 0.92 (350)	34.35	49.02	16.63	
Training	Training Received	7.89 ± 1.08 (679)	42.24	39.82	17.94	87.22**
	Training not received	5.42 ± 1.01 (3606)	56.95	38.40	4.65	

Table 6: ANOVA of Adoption Index of different category of the farmers of Aspirational districts of West Bengal.

SOV	df	Mean Square	F value
Districts	4	27.29	2.89
Sex	1	10.92	1.16
Age	2	8.07	0.86
Religion	1	10.13	1.07
Marital status	2	15.00	1.59
Family type	1	12.98	1.38
Education	2	44.49	4.72**
Training	1	130.51	13.84**
Occupation	5	43.54	4.62**
Caste	3	18.05	1.91
House Type	5	15.28	1.62
Land Holding	3	40.83	4.33**
ERROR	4254	9.43	

** P<0.01 *p<0.05

Table No7 Spearman Correlation of Adoption Index with different factors among the farmers of Aspirational districts of West Bengal. (N = 4285)

Factors	Districts	Age	Religion	Marital status	Occupation	Caste	Education of the farmers	Family type	Training	House Type	Land Holding	Adoption Index
Districts	1.00	-.158*	.142*	-.640**	.383**	.301**	-.628**	0.08	0.09	.234**	-0.12	0.10
Age		1.00	0.01	.164**	-0.11	-.396**	.150*	0.12	0.11	-0.03	0.10	0.07
Religion			1.00	-.269**	.403**	.127*	.333**	.418**	0.11	-0.07	0.03	.362**
Marital status				1.00	-.358**	-.223**	.528**	-0.12	0.10	-.218**	.317**	-0.06
Occupation					1.00	.444**	0.01	.353**	.245**	-0.01	.353**	.440**
Caste						1.00	-.153*	0.07	-0.08	0.07	.203**	.162*
Education of the farmer							1.00	.267**	.41**	-.337**	.401**	.273**
Family type								1.00	0.11	0.06	.125*	.356**
Training									1.00	-0.05	.248**	.256**
House Type										1.00	-.323**	-.269**
Land Holding											1.00	.373**
Adoption Index												1.00

Table No8 Adoption of different technologies among the farmers of Aspirational districts of West Bengal. (N = 4285)

CATEGORY	Birbhum		Nadia		Malda		South Dinajpur		Murshidabad		Overall	
	Freq	(%)	Freq	(%)	Freq.	(%)	Freq.	(%)	Freq.	(%)	Freq	(%)
Vaccination against contagious disease	693	67.94	625	73.96	567	71.95	690	82.14	602	76.01	3177	74.14
Deworming for parasitic control	674	66.08	541	64.02	524	66.50	602	71.67	538	67.93	2879	67.19
Cultivation of Green fodder	366	35.88	302	35.74	289	36.68	224	26.67	294	37.12	1475	34.42
Feeding of green fodder	369	36.18	247	29.23	254	32.23	332	39.52	289	36.49	1491	34.80
Feeding of Concentrate Mixture	447	43.82	224	26.51	269	34.14	445	52.98	333	42.05	1718	40.09
Feeding of Colostrum to new born kid	284	27.84	169	20.00	211	26.78	259	30.83	223	28.16	1146	26.74
Feeding of Urea & molasses treated straw	245	24.02	154	18.22	184	23.35	201	23.93	194	24.49	978	22.82
Castration by Bradizzo Castrator	306	30.00	214	25.33	198	25.13	286	34.05	209	26.39	1213	28.31
Value addition of Milk & Meat	224	21.96	216	25.56	206	26.14	278	33.10	255	32.20	1179	27.51

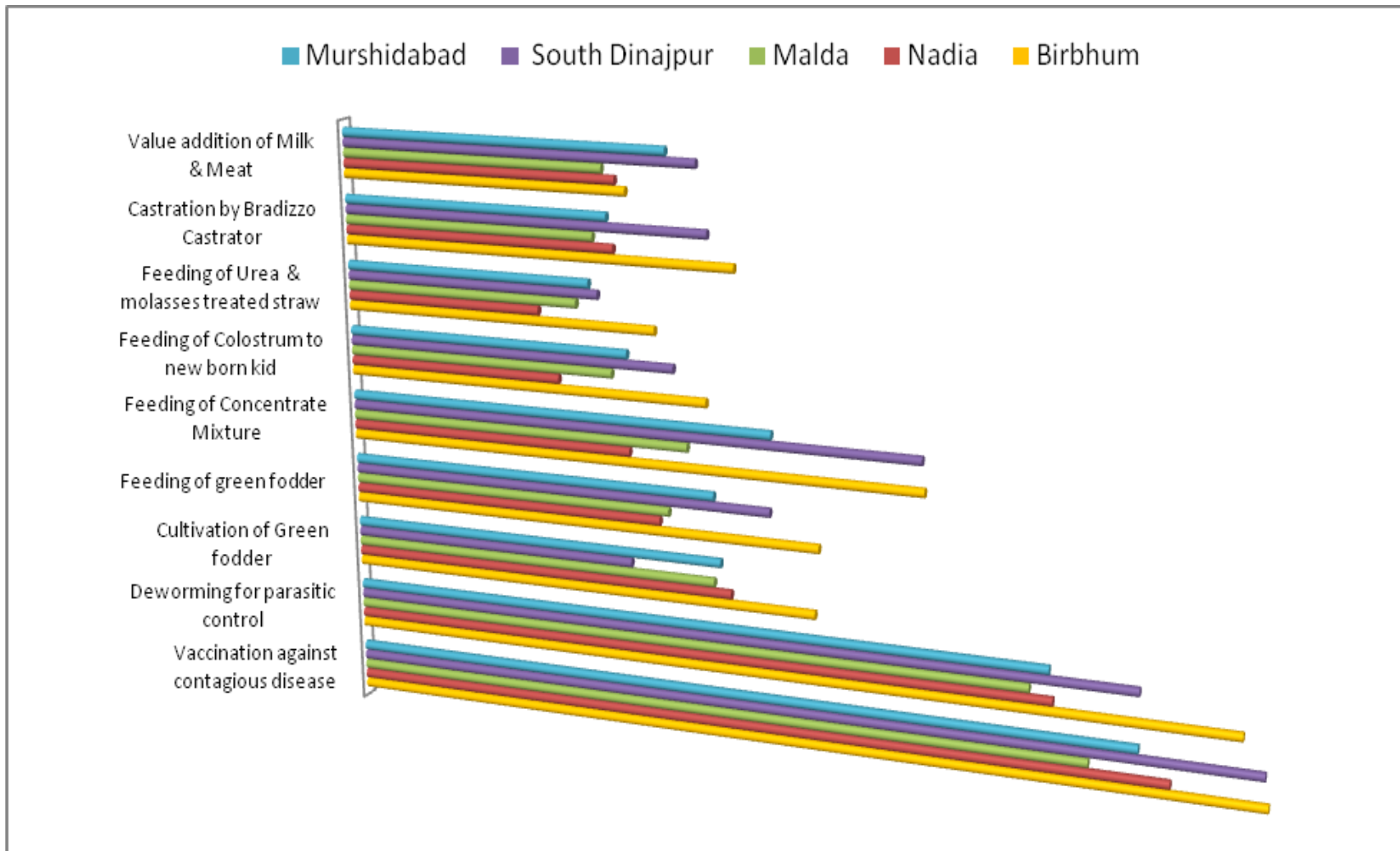


Figure of Adoption of different technologies among the farmers of Aspirational districts of West Bengal.

KNOWLEDGE LEVEL OF THE FARMERS IN THE ASPIRATIONAL DISTRICTS:

Knowledge Index of the Farmers in the Aspirational Districts:

Knowledge Score (Mean & SEM) generated using standard practice Goswami (2010) among the farmers in the aspirational districts of West Bengal in relation to improved farm practices of animal husbandry had been depicted in the table (.). Analysis of variance in respect of district, age of the farmers, religion, marital status, occupation, caste, education of farmers, family type, family size, house type and land holding capacities had been presented in table (9). It had been observed that there was no significant effect (Table 10) of all the variables like districts, age of the farmers, religion, marital status, occupation, caste, education, family type, family size, house type and land holding capacities on knowledge score. However, it is appeared that, Knowledge Score among the farmers of Nadia district (37.37 ± 3.55) was highest and in South Dinajpur (30.16 ± 3.03) was lowest than the other three districts viz Birbhum (35.07 ± 2.85), Malda (34.18 ± 3.09) and Murshidabad (33.51 ± 3.15). The result indicated that the farmers of Nadia district were having more knowledge about improved animal husbandry practices. As such no previous work had been done in the aspirational districts; thus the present results cannot be corroborated with. More interestingly it had been found that, the farmers having agriculture land holding above 2 acres (36.24 ± 3.34) and having Pucca House (36.5 ± 3.09) or mansion (37.1 ± 2.66) were having more knowledge score about animal husbandry. Such findings were considered to be natural phenomenon of higher knowledge score as they preferred the improved technology. The farmers having land particularly agro land more than 2 acre and economically solvent were fond of livestock rearing as a source of alternative family income. The improved technology for scientific livestock rearing is essential for improved of their economic gain and that's why Knowledge Score was comparatively higher in them. The other factor like age, religion, occupation, education, caste, marital status, family size, house type had no impact on Knowledge Score of those farmers.

Knowledge Level of the Farmers in the Aspirational Districts

Level of knowledge (Table 9) is an important factor to assess utilization of the improved technology among farmers. The farmers engaged in livestock farming were classified into three level of knowledge namely low (<30), medium (>30<35), and high (>35). The result of knowledge level of these three groups viz low, medium and high and the value was depicted in Table (.). It had been observed that, majority of farmers of Birbhum district (62.10%) were having higher percentage of low knowledge level in comparison to other four districts. In Nadia districts (57.86%) farmers had low level of knowledge followed by medium (30%) and high (12%) level of knowledge in improved livestock farming practices. In Malda district (60%) farmers had low followed by medium (30%) and high (9.96%) level of knowledge in improved livestock farming practices. Most interestingly, the farmers of South Dinajpur district had less low level of knowledge (48%) but higher medium (39.60%) and high (12%) level of knowledge which indicated these farmers were befitted for improved animal and fish farming practices. The farmers having agriculture land holding above 2 acres and having Pucca House or mansion were more high or medium knowledge level about animal husbandry in comparison to others. Economic solvency was an important factor for acquiring knowledge apart from education of the farmers. The chi-square test (Table) revealed that the difference in value in knowledge level of these farmers based on different category had a highly significant effect ($p < 0.01$). The knowledge level about livestock farming among these farmers of these aspirational districts needed to be assessed for formulation of effective work plan for making

sustainable livelihood through livestock rearing which is a promising endeavor of the present study. The result had showed low level of knowledge among these farmers which indicate their lacking in application of improved animal husbandry practices.

Relationship between Independent Variables with the Knowledge Level of Farmers:

The correlation co-efficient of each of the personal and socio-economic Characteristics with the knowledge level of respondent have been furnished in Table (11).The study depicted that, overall in five districts out of 11 independent variables, religions, occupation and family type showed negatively Significant ($p < 0.01$) correlation with knowledge level of farmers, where as district showed negative Significant($p < 0.05$) correlation with the knowledge level of farmers in five aspirational districts in West Bengal. The two variables marital status and training showed highly positive correlation whereas the remaining variables viz., *age, caste*, education, house type and land holding did not establish any significant relationship with the knowledge level of farmers in five aspirational districts in West Bengal.

Table No 9 Knowledge Score (Mean \pm SEM) and knowledge level of the farmers of Aspirational districts of West Bengal (N = 4285)

Category	Different factors	Knowledge score	Knowledge level (%)			Chi square value
		(Mean \pm SEM)	Low	Medium	High	
			(<30.00)	(>30.00 <35)	(>35)	
OVERALL(4285)		34.98 \pm 3.22	59.15	31.75	9.10	64.14**
Districts	Birbhum	35.07 \pm 2.85 (1020)	62.10	28.30	9.60	62.85**
	Nadia	37.37 \pm 3.55 (845)	57.86	30.00	12.00	
	Malda	34.18 \pm 3.09 (788)	60.00	30.00	9.96	
	South Dinajpur	30.16 \pm 3.03 (840)	48.00	39.60	12.00	
	Murshidabad	33.51 \pm 3.15 (792)	54.08	34.29	11.63	
Age	Young Group (Up To 30 Years)	34.09 \pm 2.82 (1114)	53.29	34.88	11.83	104.33**
	Most Active Group (30-60 years.)	33.85 \pm 3.15 (2880)	53.66	34.60	11.74	
	Elder Group (Above 60 Years.)	34.28 \pm 2.85 (291)	53.03	35.08	11.90	
Religion	Hindu	34.78 \pm 3.09 (2655)	52.34	35.59	12.07	74.28**
	Muslim	33.45 \pm 3.46 (1630)	54.16	34.23	11.61	
Marital Status	Married	32.89 \pm 2.94 (3754)	54.93	33.65	11.42	57.58**
	Unmarried	33.45 \pm 3.21 (411)	54.16	34.23	11.61	
	Widow/ Widower	34.74 \pm 3.92 (120)	52.40	35.55	12.06	
Occupation	Labour	33.97 \pm 2.20 (1488)	53.45	34.76	11.79	59.66.**
	Caste Occupation	35.01 \pm 3.06 (104)	52.03	35.82	12.15	

	Migrants Labour	33.63 ± 3.00 (599)	61.18	26.46	12.37	
	Business	32.22 ± 3.37 (141)	55.85	32.97	11.18	
	Cultivation	35.04 ± 3.34 (1750)	51.98	35.85	12.16	
Caste	General	34.85 ± 3.12 (1924)	52.25	35.66	12.10	64.65**
	Schedule Caste	33.36 ± 2.97 (510)	54.29	34.13	11.58	
	Schedule Tribe	32.98 ± 2.69 (290)	54.81	33.75	11.45	
	Other Backward Caste	35.19 ± 3.24 (1770)	51.78	36.01	12.21	
Education of the farm ers	Illiterate	35.55 ± 3.21 (158)	51.29	36.37	12.34	58.36**
	Can Read Only	33.61 ± 3.12 (536)	53.94	34.39	11.67	
	Can Read & Write	33.65 ± 3.24(858)	53.89	34.43	11.68	
	Primary	33.07 ± 3.12(852)	54.68	33.84	11.48	
	Middle School	33.76 ± 3.18(818)	53.74	34.54	11.72	
	High School	34.03 ± 2.63 (646)	53.37	34.82	11.81	
	Graduate	36.2 ± 3.43 (417)	50.40	37.04	12.56	
Family type	Nuclear Family	33.75 ± 3.43 (1237)	53.75	34.53	11.71	98.25**
	Joint Family	35.1 ± 3.24 (3048)	53.27	34.89	11.84	
Family Size	Small	33.77 ± 3.03 (1041)	60.28	29.85	9.87	58.22**
	Medium	35.45 ± 3.06 (3224)	54.16	34.23	11.61	
	Large	36.48 ± 4.11 (20)	48.25	39.62	12.13	
House Type	No house	33.28 ± 3.40 (281)	54.40	34.05	11.55	44.22***
	Hut	33.65 ± 2.97 (585)	53.89	34.43	11.68	
	Kutch House	34.06 ± 2.82 (1255)	53.33	34.85	11.82	
	Mixed House	34.77 ± 3.30 (1886)	52.35	35.58	12.07	
	Pucca House	36.5 ± 3.09 (137)	49.98	37.35	12.67	

	Mansion	37.1 ± 2.66 (136)	49.16	37.96	12.88	
Land Holding	No land/Land less	33.36 ± 3.18 (1139)	54.29	34.13	11.58	47.64**
	Up to 1 hectare	34.52 ± 3.27 (1560)	52.70	35.32	11.98	
	Up to 2 hectares	36.02 ± 3.34 (1231)	51.88	35.93	12.19	
	Above 2 hectares	36.24 ± 3.34 (350)	50.34	37.08	12.58	
Training	Training Received	33.21 ± 2.82 (679)	62.10	28.30	9.60	45.88**
	Training not received	37.07 ± 3.30 (3606)	52.71	35.31	11.98	

Table 10: ANOVA of Knowledge score of different category of the farmers of Aspirational districts of West Bengal.

SOV	df	Mean Square	F value
Districts	4	21.23	1.85
Sex	1	12.96	1.13
Age	2	12.42	1.08
Religion	1	20.03	1.75
Marital status	2	41.40	3.62
Family type	1	8.44	0.74
Education	2	26.64	2.33
Training	1	5.19	0.45
Occupation	5	12.76	1.11
Caste	3	26.15	2.28
House Type	5	25.37	2.22
Land Holding	3	27.01	2.36
ERROR	4254	11.45	

** P<0.01 *p<0.05

Table No 11: Spearman Correlation of KNOWLEDGE LEVEL of the farmers of Aspirational districts of West Bengal.

Factors	Districts	Age	Religion	Marital status	Occupation	Caste	Education of the farm women	Family type	Training	House Type	Land Holding	Knowledge level
Districts	1.0	-0.16*	0.142*	-.640**	0.383**	.301**	-.628**	0.01	-.290**	.234**	-0.1	-0.137*
Age		1.0	0.02	.164**	-0.1	-0.396**	.150*	0.1	0.1	0.01	0.1	0.001
Religion			1.0	-.269**	.403**	0.127*	.333**	.418**	.170**	-0.1	0.0	-0.336**
Marital status				1.0	-.358**	-0.223**	.528**	-0.1	.245**	-.218**	.317**	0.220**
Occupation					1.0	0.444**	0.01	.353**	0.1	0.0	.353**	-0.242**
Caste						1.0	-.153*	0.1	0.01	0.1	0.203**	-0.109
Education of the farm women							1.0	0.267**	0.407**	-.337**	0.401**	-0.108
Family type								1.0	0.608**	0.1	0.125*	-0.258**
Training									1.0	-0.1	0.248**	0.358**
House Type										1.0	-0.323**	0.094
Land Holding											1.0	0.024
Knowledge level												1.0

*P<0.05 ** P<0.01

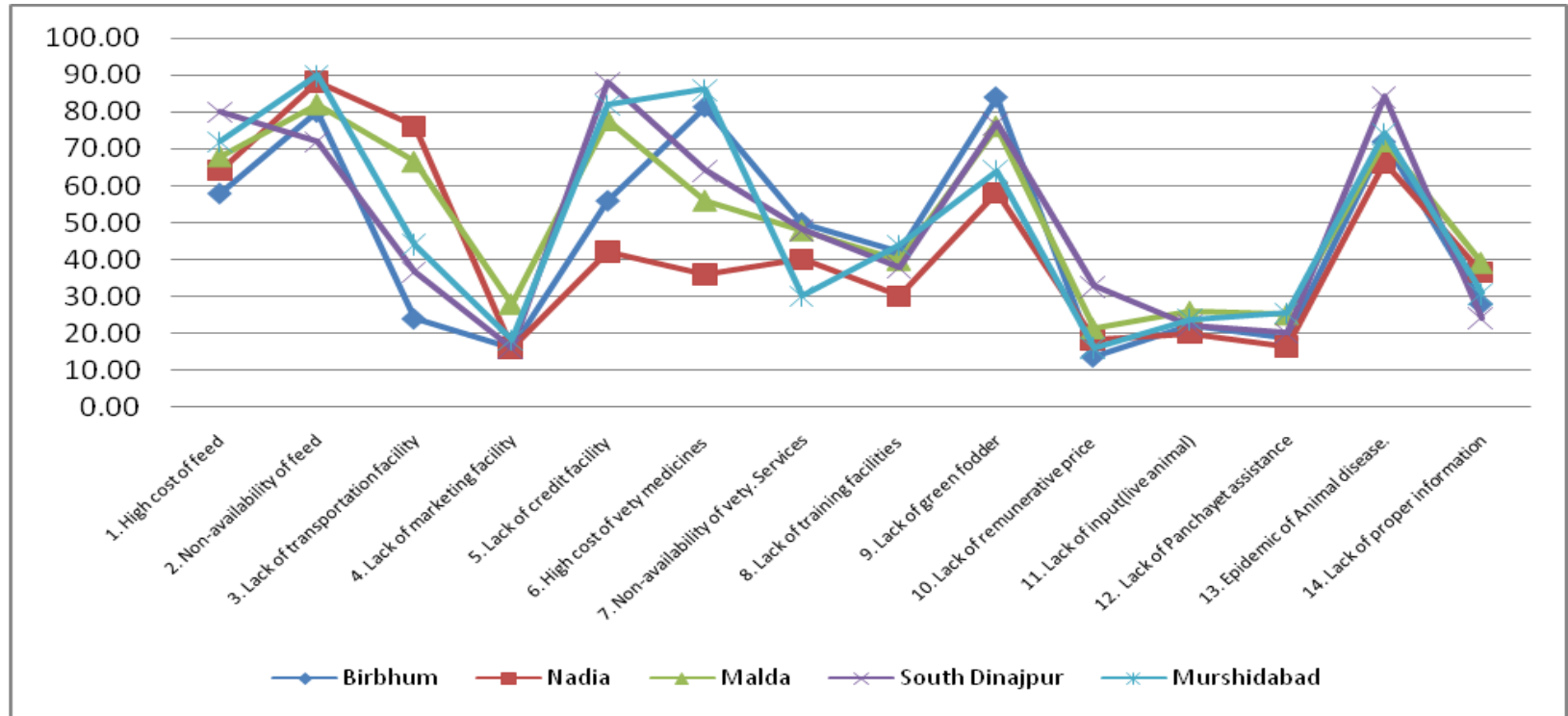
CONSTRAINTS PERCEIVED BY THE FARMERS IN ASPIRATIONAL DISTRICTS OF WEST BENGAL:

The farmers who were engaged in livestock farming in the aspirational districts of West Bengal were facing several constraints which has been assessed and represented in table (12). Over all constraint indicates that non availability of feed (82.22%) followed by epidemic of animal disease (73.54%), lack of green fodder (72.30%), lack of credit facility (68.28%) and high cost feed of ingredients (67.89%) were the major constraints while lack of marketing facility(18.60%) followed by lack of remunerative price(20.12%), lack of Panchayat assistant(20.89%), lack of input (22.68%), lack of proper information (31.48%) and lack of training facility(38.83%) were the minor constraint. The constraint in different aspirational districts varied accordingly in case of Mursidabad districts the highest constraints observed as non availabeility of feed (89.90%) followed by high cost of veterinary medicine (85.98%) and lack of credit facility (81.94%) while lack of marketing facility (18%), non availability of veterinary services (30%) were being found less constraints factor, similar observation has not been recorded in South Dinajpur, Birbhum District but in case of Malda & Nadia district. In case of South Dinajpur lack of credit facility (87.98%) and epidemic of animal disease (84%) were being found as major constraints while in case of Birbhum district lack of green fodder has been observed as major constraints faced by the farmers. It was obvious that the scarcity of cultivated land for fodder cultivation in Birbhum district as considerable number of farmers who were suffering from credit facility for expansion of their farming system. Emphasis may be given in the area of feed & fodder production for livestock farming for better livelihood. The present findings are in close proximity with the observation made by Goswami et al (2014) who has found similar type of constraints among the goat farm in 6 agro climate zone of West Bengal. Since lack of quality input ,lack of marketing facilities were considered to be a area specific constraints faced by the goat farmers under their studies which is not to be a problem in West Bengal.

Table No12 : Constrains Among the Farmers of Aspirational Districts of West Bengal (N = 4285)

Factors	Birbhumi		Nadia		Malda		South Dinajpur		Murshidabad		Overall	
	fre	%	fre	%	fre	%	fre	%	fre	%	fre	%
1. High cost of feed	591	57.94	541	64.02	535	67.89	672	80.00	570	71.97	2909	67.89
2. Non-availability of feed	816	80.00	744	88.05	646	81.98	605	72.02	712	89.90	3523	82.22
3. Lack of transportation facility	245	24.02	642	75.98	524	66.50	308	36.67	349	44.07	2068	48.26
4. Lack of marketing facility	164	16.08	135	15.98	221	28.05	134	15.95	143	18.06	797	18.60
5. Lack of credit facility	571	55.98	355	42.01	612	77.66	739	87.98	649	81.94	2926	68.28
6. High cost of vety medicines	830	81.37	304	35.98	441	55.96	538	64.05	681	85.98	2794	65.20
7. Non-availability of vety. Services	510	50.00	338	40.00	378	47.97	403	47.98	238	30.05	1867	43.57
8. Lack of training facilities	428	41.96	254	30.06	315	39.97	319	37.98	348	43.94	1664	38.83
9. Lack of green fodder	857	84.02	490	57.99	599	76.02	645	76.79	507	64.02	3098	72.30
10. Lack of remunerative price	140	13.73	153	18.11	169	21.45	274	32.62	126	15.91	862	20.12
11. Lack of input(live animal)	225	22.06	169	20.00	205	26.02	186	22.14	187	23.61	972	22.68
12. Lack of Panchayet assistance	189	18.53	138	16.33	199	25.25	168	20.00	201	25.38	895	20.89
13. Epidemic of Animal disease.	734	71.96	558	66.04	567	71.95	706	84.05	586	73.99	3151	73.54
14. Lack of proper information	286	28.04	308	36.45	309	39.21	203	24.17	243	30.68	1349	31.48

Fig showing Constrain (%) faced by the farmers of Aspirational districts of West Bengal



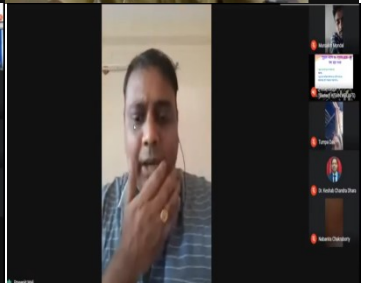
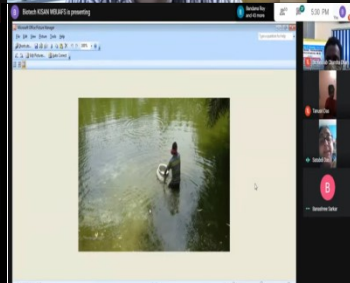
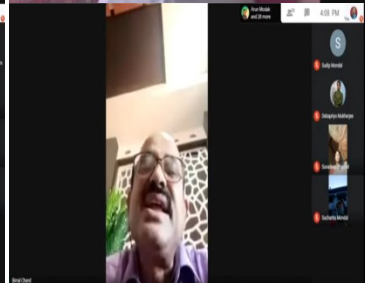
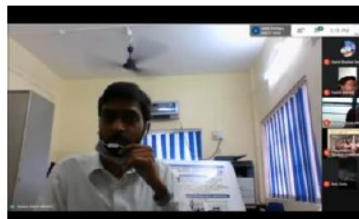
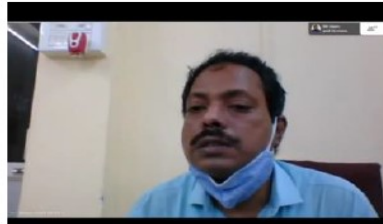
CAPACITY BUILDING

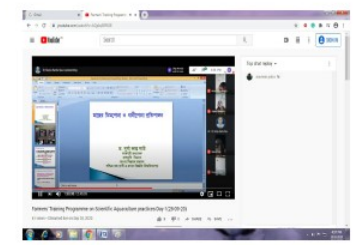
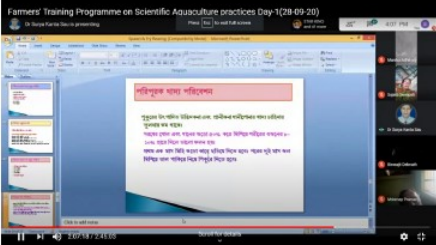
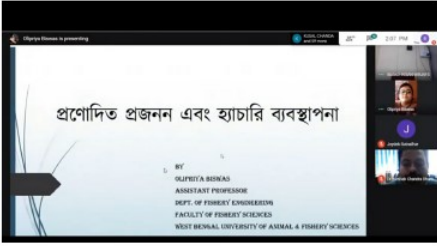
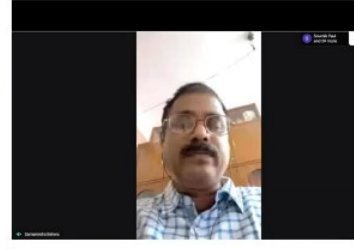
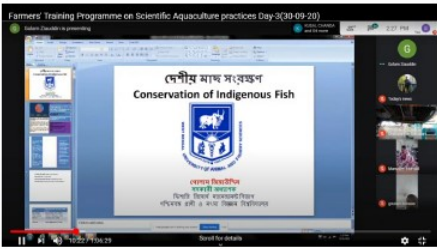
Farmers' training have been organized for the selected farmers under DBT mission mode programme on Establishment of Biotech-KISAN Hub at WBUAFS, Kolkata for making a suitable plan for effective capacity building of these farmers for their better livelihood on the basis of the survey through suitable questionnaires. 6 nos. of three days farmers' training programme on Scientific animal husbandry and aquaculture practices with suitable curriculum for the small and marginal farmers of Aspirational districts of West Bengal (Maldah, Murshidabad, Nadia, Birbhum and Dakshin Dinajpur) through online mode. Biotech KISAN Hub, WBUAFS has completed for betterment of farming community by completing. A total 914 farmers (ANNEXURE 1) have been trained from aspirational districts (Birbhum- 183, Dakshin Dinajpur- 216, Malda- 185, Murshidabad- 274 and Nadia- 56). The impact of training programme will be assessed but it has been observed that, respondents had medium to high favorable opinion regarding the training. Major suggestion given by trainees includes provision of more off-campus training preferably in their villages as well as practical training at the institute level.

The first farmers training programme has been inaugurated by Prof Chanchal Guha, Vice Chancellor, WBUAFS in presence Dr. Mohd. Aslam, Advisor (Scientist 'G'), DBT Govt of India. At the onset, Prof. Arunasis Goswami, Director of Research, Extension and Farms, WBUAFS has welcomed all the dignitaries and farmers in the Web platform and urged that such programme need to be conducted frequent mode for betterment of farmers who are providing bread and butter for us even in distressed situation. This training programme has been inaugurated by Prof. Chanchal Guha, Hon'ble Vice Chancellor, WBUAFS and he expressed his high level of satisfaction about such activities. He appraised the endeavour to bring a considerable number of migrant labour (those have lost their job due to COVID 19 pandemic) in the training programme which will help them by effective entrepreneurship development through improved Animal Husbandry practices.

During the address of the chief guest, Dr. Mohd. Aslam, Advisor (Scientist 'G'), DBT Govt of India has told that, the Biotech KISAN hub at WBUAFS has done a tremendous job to bring the smile of small marginal women farmer which has been duly acknowledged by Programme Steering and Monitoring Committee (PSMC) under the Biotech-Krishi Innovation Science Application Network (Biotech-KISAN). He also reported that the activities of Biotech KISAN Hub have been monitored by PMO and NITI Ayog in monthly basis and due priority has been provided. He also promised to organise a live meeting between farmers of Biotech KISAN Hub and Honourable Minister of Science and Technology, Govt. of India through online. Dr. Mohd. Aslam also inaugurated a documentary film entitled "Life and Livelihood", based on two years' success story of Biotech KISAN Hub at WBUAFS. Prof. Nilotpal Ghosh, Dean, F/O Vety. and Anim. Scs., WBUAFS informed that such web based farmers' programme is probably first in the state even in the country and he praised the work done by the personnel attached to this programme. Dr. K C Dhara, Astit. Director of Farms and Principal Investigator of the Project give formal vote thanks and assured that the team Biotech KISAN Hub will duty bound about reach to the unreached farmers of the state. During this training programme respected speakers, Dr. Santanu Bera, Dr. Probhakar Biswas, Dr. B.K Biswas, Dr. Manik Pakhira, Dr. Sanjay Dutta, Prof. Arunasis Goswami, Prof. Barun Roy, Dr. Sourav Chandra, Dr. Sudip Das, Dr. N.J. Moitra delivered their speech and try to solve the problems of trainees. At the end of the training, the farmers have expressed their happiness and submitted feedback form about their experience of 3 days training programme.

SOME PHOTOGRAPHS SHOWING DIFFERENT ACTIVITIES





Some photographs of Farmers' Training Programme



HYGIENIC MEAT PROCESSING UNIT AND OUT LET

প্রশিক্ষণ-ব্যবস্থা

এই সময়: করোনার কোপে কর্মহীন হয়ে ভিন রাজ্য থেকে ফেরা শ্রমিকদের স্বনির্ভর করতে উদ্যোগী হল রাজ্য প্রাণী ও মৎস্যবিজ্ঞান বিশ্ববিদ্যালয়। সেই উদ্দেশ্যে পাঁচটি জেলায় তিন দিন করে পশুপালন প্রশিক্ষণ শিবির আয়োজন শুরু হয়েছে বলে জানান বিশ্ববিদ্যালয়ের উপাচার্য চঞ্চল গুহ।

NEWS IN PRINTING MEDIA



INTEGRATED FAEMING MODEL





SURVEY WORKS IN THE PROJECT AREA





FLD AND FIELD WORKS IN THE PROJECT



LIST OF TRAINED FARMERS

Sl No	Name	Father's/Husband's Name	Village Name	Block	District
1	Bali Bala Sarkar	Gathuru Sarkar	Kapurua	Kushmandi	South Dinajpur
2	Maya Rani Sarkar	Dhiren Sarkar	Kapurua	Kushmandi	South Dinajpur
3	Saibhya Bala Sarkar	Sakil Sarkar	Kapurua	Kushmandi	South Dinajpur
4	Sakali Bala Sarkar	Rambadal Sarkar	Kapurua	Kushmandi	South Dinajpur
5	Sani Bala Sarkar	Bhupen Sarkar	Kapurua	Kushmandi	South Dinajpur
6	Prabhathi Sarkar	Beraru Sarkar	Kapurua	Kushmandi	South Dinajpur
7	Mato Bala Sarkar	Bimal Sarkar	Kapurua	Kushmandi	South Dinajpur
8	Jharna Sarkar	Bimal Sarkar	Kapurua	Kushmandi	South Dinajpur
9	Tapashi Sarkar	Nadal Sarkar	Kapurua	Kushmandi	South Dinajpur
10	Pramila Sarkar	Sadin Sarkar	Kapurua	Kushmandi	South Dinajpur
11	Ado Bala Sarkar	Galen Ch Sarkar	Kapurua	Kushmandi	South Dinajpur
12	Suchitra Sarkar	Tarani Sarkar	Kapurua	Kushmandi	South Dinajpur
13	Tapati Bala Sarkar		Kapurua	Kushmandi	South Dinajpur
14	Kasana	Rampada Sarkar	Kapurua	Kushmandi	South Dinajpur
15	Linima Sarkar	Meknath Sarkar	Purbabasail	Kushmandi	South Dinajpur
16	Tumpa Roy	Tapan Roy	Kapurua	Kushmandi	South Dinajpur
17	Janaki Sarkar	Dijendra Sarkar	Kapurua	Kushmandi	South Dinajpur
18	Kalpana Sarkar	Kuturu Sarkar	Putihari	Kushmandi	South Dinajpur
19	Malancha Sarkar	Dbadiram Sarkar	Kapurua	Kushmandi	South Dinajpur
20	Pratima Debsing	Binat Nadsingha	Kapurua	Kushmandi	South Dinajpur
21	Parbati Roy	Nitan Roy	Kapurua	Kushmandi	South Dinajpur
22	Putul Sarkar	Uttam Sarkar	Kapurua	Kushmandi	South Dinajpur
23	Kherbala Sarkar	Siben Ssarkar	Kapurua	Kushmandi	South Dinajpur
24	Manika Bala Sarkar	Adhir Sarkar	Kapurua	Kushmandi	South Dinajpur
25	Dipa Sarkar	Sabin Sarkar	Kapurua	Kushmandi	South Dinajpur
26	Tulan Sarkar	Galen Ch Sarkar	Kapurua	Kushmandi	South Dinajpur
27	Bino Bala Sarkar	Shashi Sarkar	Kapurua	Kushmandi	South Dinajpur
28	Sabita Sarkar	Gourchand Sarkar	Kapurua	Kushmandi	South Dinajpur
29	Mato Bala Sarkar	Bimal Ch. Sarakr	Kapurua	Kushmandi	South Dinajpur
30	Kairan Sarkar	Mantu Sarkar	Kapurua	Kushmandi	South Dinajpur
31	Sadhana Sarkar	Alok Sarkar	Kapurua	Kushmandi	South Dinajpur
32	Sunti Sarkar	Khemes Sarkar	Kapurua	Kushmandi	South Dinajpur
33	Tumpa Sarkar	Nirmal Sarkar	Kapurua	Kushmandi	South Dinajpur
34	Digha Roy	Direndranath Sarkar	Mastail	Kushmandi	South Dinajpur
35	Kalpana Roy	Ananda Roy	Mastail	Kushmandi	South Dinajpur
36	Ranjana Roy	Bancharam Roy	Mastail	Kushmandi	South Dinajpur
37	Anima Sarkar	Bhabesh Sarkar	Kapurua	Kushmandi	South Dinajpur

38	Sabi Sarkar	Sudhir Sarkar	Kapurua	Kushmandi	South Dinajpur
39	Bharati Sarkar	Khushi Sarkar	Kapurua	Kushmandi	South Dinajpur
40	Parul Roy	Batul Roy	Kapurua	Kushmandi	South Dinajpur
41	Mayali Roy	Krisna Roy	Kapurua	Kushmandi	South Dinajpur
42	Senuka Sarkar	Shibu Sarkar	Kapurua	Kushmandi	South Dinajpur
43	Chirata Sarkar	Akhil Sarkar	Kapurua	Kushmandi	South Dinajpur
44	Debi Sarkar	Madhab Sarkar	Kapurua	Kushmandi	South Dinajpur
45	Kajali Sarkar	Sushanta Sarkar	Kapurua	Kushmandi	South Dinajpur
46	Alka Sarkar	Sikil Sarkar	Kapurua	Kushmandi	South Dinajpur
47	Mira Rani Sarkar	Anil Sarkar	Kapurua	Kushmandi	South Dinajpur
48	Janaki Sarkar	Ekhil Sarkar	Kapurua	Kushmandi	South Dinajpur
49	Sailta Sarkar	Sarbat Sarkar	Kapurua	Kushmandi	South Dinajpur
50	Natika Sarkar		Kapurua	Kushmandi	South Dinajpur
51	Sumitra Sarkar	Sailesh Sarkar	Kapurua	Kushmandi	South Dinajpur
52	Bali Rani Sarkar	Sudbodh Sarkar	Kapurua	Kushmandi	South Dinajpur
53	Sadari Sarkar	Baidyanath Sarkar	Kapurua	Kushmandi	South Dinajpur
54	Chano Bala Sarkar	Shikatna Sarkar	Kapurua	Kushmandi	South Dinajpur
55	Tolo Bala Sarkar	Biren Sarkar	Mastail	Kushmandi	South Dinajpur
56	Hemapati Sarkar	Syamekanta Sarkar	Mastail	Kushmandi	South Dinajpur
57	Manati Roy	Bhupal Roy	Mastail	Kushmandi	South Dinajpur
58	Tulsi Roy	Prasanta Roy	Mastail	Kushmandi	South Dinajpur
59	Gandho Roy	Binay Roy	Mastail	Kushmandi	South Dinajpur
60	Malanchi Roy	Janaku Roy	Mastail	Kushmandi	South Dinajpur
61	Jyotsna Roy	Dhaluya Roy	Mastail	Kushmandi	South Dinajpur
62	Ambeyara Begum	Guljar Ali	Kapurua	Kushmandi	South Dinajpur
63	Parvin Khatun	Asgar Ali	Kapurua	Kushmandi	South Dinajpur
64	Dipa Sarkar	Kajal Sarkar	Kapurua	Kushmandi	South Dinajpur
65	Safala Bala Sarkar	Helo Sarkar	Kapurua	Kushmandi	South Dinajpur
66	Kajali Sarkar	Atul Sarkar	Kapurua	Kushmandi	South Dinajpur
67	Aruna Sarkar	Kanai Sarkar	Kapurua	Kushmandi	South Dinajpur
68	Sabitri Roy	Sanju Roy	Kapurua	Kushmandi	South Dinajpur
69	Santi Sarkar	Sachin Sarkar	Kapurua	Kushmandi	South Dinajpur
70	Anjali Sarkar	Umesh Sarkar	Kapurua	Kushmandi	South Dinajpur
71	Prativa Borman	Manoranjan Barman	Kalika Mora	Kushmandi	South Dinajpur
72	Champa Das	Jitu Das	Kalika Mora	Kushmandi	South Dinajpur
73	Adori Das	Swapan Das	Kalika Mora	Kushmandi	South Dinajpur
74	Rita Barman	Kartik Barman	Kalika Mora	Kushmandi	South Dinajpur
75	Batasi Barman	Biren Barman	Kalika Mora	Kushmandi	South Dinajpur
76	Kalpn Das (Barman)	Sadhab Barman	Kalika Mora	Kushmandi	South Dinajpur
77	Anita Barman	Sadha Barman	Kalika Mora	Kushmandi	South Dinajpur

78	Milan Barman	Jatin Barman	Kalika Mora	Kushmandi	South Dinajpur
79	Debi Prasad	Varat Prasad	Kalika Mora	Kushmandi	South Dinajpur
80	Jhиту Ghosh	Gouranga Ghosh	Kalika Mora	Kushmandi	South Dinajpur
81	Sova Karmakar	Beeredra Karmakar	Kalika Mora	Kushmandi	South Dinajpur
82	Samapti Ghosh	Nitai Ghosh	Kalika Mora	Kushmandi	South Dinajpur
83	Champa Ghosh	Mithhun Ghosh	Kalika Mora	Kushmandi	South Dinajpur
84	Archana Jadab	Deben Jadab	Kalika Mora	Kushmandi	South Dinajpur
85	Gita Barman	Ratan Barman	Kalika Mora	Kushmandi	South Dinajpur
86	Shilpi Barman	Chandi Das Barman	Kalika Mora	Kushmandi	South Dinajpur
87	Kanika Serkar	Lalu Sarkar	Kalika Mora	Kushmandi	South Dinajpur
88	Roma Shil Sarkar	Pabitra Sarkar	Kalika Mora	Kushmandi	South Dinajpur
89	Dipu Barman	Chitta Barman	Kalika Mora	Kushmandi	South Dinajpur
90	Chanchala Barman	Shamvu Barman	Kalika Mora	Kushmandi	South Dinajpur
91	Sova Jadab	Pintu Jadab	Kalika Mora	Kushmandi	South Dinajpur
92	Swapna Barman	Gabinda Barman	Kalika Mora	Kushmandi	South Dinajpur
93	Chabi Prasad	Let. Pravu Prasad	Kalika Mora	Kushmandi	South Dinajpur
94	Beauty Hazra Sarkar	Madan Sarkar	Kalika Mora	Kushmandi	South Dinajpur
95	Shashti Sarkar	Tapas Sarkar	Kalika Mora	Kushmandi	South Dinajpur
96	Saraswti Das	Badal Das	Kalika Mora	Kushmandi	South Dinajpur
97	Rama Prasad	Kamal Prasad	Kalika Mora	Kushmandi	South Dinajpur
98	Shefali Battacharji	Let. Tapan Battacharji	Kalika Mora	Kushmandi	South Dinajpur
99	Lakhhmi Das	Dinesh Das	Kalika Mora	Kushmandi	South Dinajpur
100	Ratna Biswas Das	Pradip Das	Kalika Mora	Kushmandi	South Dinajpur
101	Boby Barman	Niranjan Barman	Kalika Mora	Kushmandi	South Dinajpur
102	Gita Prasad	Lakhhhan Prasad	Kalika Mora	Kushmandi	South Dinajpur
103	Sabitri Ghosh	Sunil Ghosh	Kalika Mora	Kushmandi	South Dinajpur
104	Souravi Prasad	Joydeb Ghosh	Kalika Mora	Kushmandi	South Dinajpur
105	Maya Modak	Bimol Modak	Kalika Mora	Kushmandi	South Dinajpur
106	Suklata Barman	Let. Khokan Barman	Kalika Mora	Kushmandi	South Dinajpur
107	Jaya Mallik	Mihir Mallik	Kalika Mora	Kushmandi	South Dinajpur
108	Rupa Barman	Sonatan Barman	Kalika Mora	Kushmandi	South Dinajpur
109	Saraswati Barman	Tapas Barman	Kalika Mora	Kushmandi	South Dinajpur
110	Anjali Barman	Ramkrisna Barman	Kalika Mora	Kushmandi	South Dinajpur
111	Lakshmi Ghosh	Shudhi Ghosh	Kalika Mora	Kushmandi	South Dinajpur
112	Monmushi Barman	Robi Barman	Kalika Mora	Kushmandi	South Dinajpur
113	Monika Mandal Das	Tapan Das	Kalika Mora	Kushmandi	South Dinajpur
114	Saraswati Prasad	Uma Sankar Prasad	Kalika Mora	Kushmandi	South Dinajpur
115	Saraswati Pal	Joychand Pal	Kalika Mora	Kushmandi	South Dinajpur
116	Rina Das	Krishna Das	Kalika Mora	Kushmandi	South Dinajpur

117	Minati Sarkar	Haradhon Sarkar	Kalika Mora	Kushmandi	South Dinajpur
118	Tillotama Sarkar	Ajoy Sarkar	Kalika Mora	Kushmandi	South Dinajpur
119	Sanchita Choudhuri	Bablu Choudhuri	Kalika Mora	Kushmandi	South Dinajpur
120	Champa Prasad	Motilal Prasad	Kalika Mora	Kushmandi	South Dinajpur
121	Soniya Prasad	Sontash Prasad	Kalika Mora	Kushmandi	South Dinajpur
122	Shipra Shil Das	Chhena Das	Kalika Mora	Kushmandi	South Dinajpur
123	Ratna Ghosh	Anil Ghosh	Kalika Mora	Kushmandi	South Dinajpur
124	Lotika Das Barman	Lokhhan Barman	Kalika Mora	Kushmandi	South Dinajpur
125	Satta Rani Barman	Nagen Barman	Kalika Mora	Kushmandi	South Dinajpur
126	Suniti Choudhuri	Shri Ratan Choudhuri	Kalika Mora	Kushmandi	South Dinajpur
127	Kakli Haldar Barman	Dhishoraj Barman	Kalika Mora	Kushmandi	South Dinajpur
128	Suchitra Vuimali	Nilu Sarkar	Kalika Mora	Kushmandi	South Dinajpur
129	Hemonti Prasad	Let. Kedar Prasad	Kalika Mora	Kushmandi	South Dinajpur
130	Rina Prasad	Ramnath Prasad	Kalika Mora	Kushmandi	South Dinajpur
131	Laxmi Modak	Nirmal Modak	Kalika Mora	Kushmandi	South Dinajpur
132	Sahanaj Begam	Lat. Abul Kalam	Singtore	Kushmandi	South Dinajpur
133	Anoyar Hossain	Nurul Islam	Singtore	Kushmandi	South Dinajpur
134	Abu Jafar Md Reasad Ali	Younus Ali	Singtore	Kushmandi	South Dinajpur
135	Jahidul Islam	Rafikul Islam	Singtore	Kushmandi	South Dinajpur
136	Mostafijar Rahaman	Saleuddin Ahamed	Singtore	Kushmandi	South Dinajpur
137	Serina Khatun	Altaf Hosen	Singtore	Kushmandi	South Dinajpur
138	Jahinus Islam	Peyar Mohammad	Singtore	Kushmandi	South Dinajpur
139	Nur Husen	Golam Mostafa	Singtore	Kushmandi	South Dinajpur
140	Halepna Khatun	Ansar Ali	Singtore	Kushmandi	South Dinajpur
141	Rahen Banu	Hamidur Rahaman	Singtore	Kushmandi	South Dinajpur
142	Humayan Kabir	Moktar Hossain	Singtore	Kushmandi	South Dinajpur
143	Minarul Islam	Fajjaddur Ahamed	Singtore	Kushmandi	South Dinajpur
144	Aklima Khatun	Saltar Hossen	Singtore	Kushmandi	South Dinajpur
145	Abdul Mannan	Alhaj Maniraddin	Singtore	Kushmandi	South Dinajpur
146	Layli Begam	Samsuddin Ahamed	Singtore	Kushmandi	South Dinajpur
147	Dilwar Hossain	Asimoddin Ahamed	Singtore	Kushmandi	South Dinajpur
148	Mainul Islam	Haji Faniruddin	Singtore	Kushmandi	South Dinajpur
149	Maksud Alam	Mahidur Raham	Singtore	Kushmandi	South Dinajpur
150	Nural Islam	Badiyar Raham	Singtore	Kushmandi	South Dinajpur
151	Majidur Rahaman	Mantu Mia	Singtore	Kushmandi	South Dinajpur
152	Ayesa Khatun	Jinnat Ali	Singtore	Kushmandi	South Dinajpur
153	Suraya Begam	Saharat Ali	Singtore	Kushmandi	South Dinajpur
154	Majidur Raham	Jamiruddin Ahamed	Singtore	Kushmandi	South Dinajpur

155	Delruba Khatun	Abdul Baki	Singtore	Kushmandi	South Dinajpur
156	Jaynuddin Ahamed	Soriuddin Ahamed	Singtore	Kushmandi	South Dinajpur
157	Rakib Hossain	Habibur Rahaman	Singtore	Kushmandi	South Dinajpur
158	Khanara Begum	Ful Mohmmad	Singtore	Kushmandi	South Dinajpur
159	Abdul Hakim	Mahafujar Rahaman	Singtore	Kushmandi	South Dinajpur
160	Monarul Islam	Jaynul Abedin	Singtore	Kushmandi	South Dinajpur
161	Jahangir Alam	Mohalam Sarkar	Singtore	Kushmandi	South Dinajpur
162	Rajjak Hossain	Nayamuddin Ahamed	Singtore	Kushmandi	South Dinajpur
163	Wasira Khatun	Afsar Ali	Singtore	Kushmandi	South Dinajpur
164	Rubina Parvin	Ehhabar Ali	Panisala	Kushmandi	South Dinajpur
165	Gangamoni Mandal	Nimai Mondal	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
166	Rekha Mondal	Gopal Mondal	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
167	Bishaya Mondal	Jugal Mondal	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
168	Kalpana Mondal	Lakshman Mondal	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
169	Purnima Mondal	Gouranga Mondal	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
170	Kakoli Sardar	Nukul Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
171	Gita Sardar	Bishnu Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
172	Rekha Sardar	Dilip Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
173	Putul Sardar	Nirmal Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
174	Beli Sardar	Mantu Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
175	Baisakhi Sardar	Biplab Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
176	Saraswati Sardar	Hemanta Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
177	Sima Sardar	Pradip Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
178	Shanti Sardar	Sushil Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
179	Kalpana Sardar	Manik Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
180	Lilabati Sardar	Pati Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
181	Babita Sardar	Hira Chand Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
182	Jaymani Sardar	Dinesh Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad

183	Bishakha Sardar	Bapi Sardar	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
184	Anjali Sardar	Chimanta Sardar	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
185	Usharani Mondal	Amulya Mondal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
186	Dulari Mondal	Nirmal Mondal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
187	Tumpa Mondal	Bhabesh Mondal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
188	Babita Mondal	Susanta Mondal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
189	Kanika Mondal	Panchanan Mondal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
190	Shakila Bibi	Md Nazrul Hossain	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
191	Dipali Rabidas	Kashinath Rabidas	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
192	Sarbani Mondal	Birendranath Mondal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
193	Bedana Rabidas	Sukumar Rabidas	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
194	Pabitri Rabidas	Shyam Chand Rabidas	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
195	Malati Rabidas	Jagannath Rabidas	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
196	Doli Mondal	Subodh Mondal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
197	Anjana Mondal	Prosanto Mondal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
198	Mamoni Mondal	Paritosh Mondal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
199	Poli Mondal	Subhash Mondal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
200	Kalpna Mondal	Adhir Chandra Mondal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
201	Tilakarani Mondal	Sadhucharan Mondal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
202	Mamata Rabidas	Premchand Rabidas	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
203	Minati Rabidas	Dilip Rabidas	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
204	Sunita Rabidas	Goutam Rabidas	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
205	Tuntuni Rabidas	Dasarath Rabidas	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
206	Nilima Rabidas	Niranjan Rabidas	Diar Mahi Nagar	Murshidabad-	Murshidabad

				Jiaganj	
207	Anusree Rabidas	Gouranga Rabidas	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
208	Purnima Rabidas	Sajay Rabidas	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
209	Nilmani Rabidas	Sasthi Rabidas	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
210	Rita Rabidas	Uttam Rabidas	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
211	Basanti Rabidas	Nabakumar Rabidas	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
212	Putul Mondal	Suren Mondal	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
213	Susmita Mondal	Niren Mondal	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
214	Konika Mondal	Modan Kumar Mondal	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
215	Parbati Mondal	Sadhu Mondal	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
216	Mamoni Mondal	Fatik Mondal	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
217	Mampi Sarkar Mondal	Sentu Mondal	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
218	Sima Mondal	Rajesh Mondal	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
219	Amita Mondal	Gandhi Mondal	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
220	Malati Mondal	Gurucharan Mondal	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
221	Bina Mandal	Krishna Mandal	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
222	Santwana Mondal	Shayamal Mondal	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
223	Jhuma Mondal	Parimal Mondal	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
224	Pabitri Roy	Hira Roy	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
225	Pratima Sardar	Khokan Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
226	Chandana Sardar	Dilip Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
227	Sima Sardar	Goutam Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
228	Rubi Sardar	Shayamal Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
229	Maya Sardar	Sudhan Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad

230	Falguni Sardar	Swapan Sardar	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
231	Sunita Sardar	Shyamal Sardar	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
232	Niyati Sardar	Shibajit Sardar	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
233	Malati Sardar	Akhil Sardar	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
234	Kakoli Sardar	Somnath Sardar	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
235	Keshabati Sardar	Madan Sardar	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
236	Dipali Sardar	Narayan Sardar	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
237	Suravi Orawn	Sudarsan Orawn	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
238	Chanchala Mondal	Supal Mondal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
239	Chandmani Mondal	Khagen Mondal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
240	Sikha Mondal	Nibaran Mondal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
241	Sabita Mondal	Swadhin Mondal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
242	Aloti Sardar	Kalachand Sardar	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
243	Chandana Sardar	Achintyo Sardar	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
244	Suchitra Sardar	Manik Sardar	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
245	Basumati Sardar	Shankar Sardar	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
246	Laxmi Prasad	Binod Prasad	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
247	Mira Sardar	Buluk Sardar	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
248	Sima Sardar	Biswajit Sardar	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
249	Kalpana Sardar	Fatik Sardar	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
250	Chaya Sardar	Utpal Sardar	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
251	Mamuni Sardar	Dipak Sardar	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
252	Lata Sardar	Dinesh Sardar	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
253	Sambari Sardar	Piru Sardar	Diar Mahi Nagar	Murshidabad-	Murshidabad

				Jiaganj	
254	Anju Sardar	Subratra Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
255	Archana Sardar	Budha Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
256	Habi Sardar	Madhu Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
257	Shankari Sardar	Dipak Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
258	Latika Sardar	Jitu Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
259	Nilima Sardar	Kashinath Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
260	Rupali Sardar	Nimanta Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
261	Tapasi Sardar	Arun Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
262	Panchabati Sardar	Manik Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
263	Manik Sardar	Ratan Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
264	Kulisha Sardar	Hemanta Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
265	Tulimuni Sardar	Sonachand Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
266	Shipra Singha Sardar	Ashis Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
267	Fulbari Sardar	Jogen Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
268	Sagari Sardar	Ashok Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
269	Panbati Sardar	Madan Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
270	Anchala Sardar	Shyamal Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
271	Asha Sardar	Matu Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
272	Bhaduri Sardar	Dilip Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
273	Dipika Murari Sardar	Mona Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
274	Pabitra Sardar	Sunli Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
275	Shridebi Sardar	Kalachand Sardar	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
276	Giribala Pramanik	Shasti Pramanik	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad

277	Fulkumari Mondal	Sonaram Mondal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
278	Urmila Mondal	Nitai Mondal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
279	Upasi Mondal	Banamali Mondal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
280	Rupa Mondal	Nimai Mondal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
281	Sumita Mondal	Nripen Mondal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
282	Basanti Mondal	Ganesh Mondal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
283	Anna Mondal	Mithun Mondal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
284	Bhagabati Mondal	Subodh Mondal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
285	Dipali Mondal	Ganesh Mondal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
286	Sumitra Mandal	Dhanapati Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
287	Rekha Mandal Bhaskar	Dipak Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
288	Renuka Mandal	Ganesh Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
289	Anita Mondal	Meghnath Mondal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
290	Suchitra Mandal	Dilcharan Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
291	Jyotsna Roy	Montu Roy	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
292	Anjali Roy	Dilip Roy	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
293	Tuni Roy	Golok Roy	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
294	Maya Roy	Jhantu Roy	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
295	Kanan Roy	Manik Roy	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
296	Basanti Roy	Rajen Roy	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
297	Nagari Roy	Pradip Roy	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
298	Gita Roy	Upen Roy	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
299	Anima Sardar	Anima Sardar	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
300	Sadhana	Dataram Chowdhury	Diar Mahi Nagar	Murshidabad-	Murshidabad

	Chowdhury			Jiaganj	
301	Pratima Mondal	Gour Mondal	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
302	Mridula Ghosh	Sukdeb Ghosh	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
303	Bimala Katari	Sannyashi Katari	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
304	Seema Katari	Haradhan Katari	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
305	Namita Das	Bhim Das	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
306	Sarmani Das	Mahadeb Das	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
307	Maya Das	Babu Das	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
308	Rekha Mondal	Uttam Mondal	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
309	Unnati Mondal	Late Bablu Mondal	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
310	Aparna Mondal	Bijay Mondal	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
311	Lakshmi Majhi	Ramchandra Majhi	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
312	Subhadra Ghati	Mathura Ghati	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
313	Chandana Mete	Sujit Mete	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
314	Ria Chakraborty	Sanjoy Chakraborty	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
315	Chitra Ghosh	Prasenjit Ghosh	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
316	Tari Das	Sanat Das	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
317	Niva Ghosh	Pranab Kr Ghosh	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
318	Hira Das	Kumarish Das	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
319	Suchitra Mondal (Ghosh)	Aditya Ghosh	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
320	Shila Mate	Brindaban Mate	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
321	Kalpana Ruidas	Anukul Das	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
322	Anuragi Ruidas	Jaydeb Ruidas	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
323	Gitarani Ruidas	*****	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum

324	Bulu Das	Tapan Das	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
325	Shuddhi Das	Haradhan Das	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
326	Basanti Ruidas	Bijay Ruidas	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
327	Itu Ruidas	Kartik Ruidas	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
328	Sabita Ghatai	Dilip Ghatai	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
329	Rina Das	Chand Das	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
330	Kabita Majhi	Raju Majhi	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
331	Chaya Katari	Late Buddi Katari	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
332	Parbati Das	Nimai Das	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
333	Sabita Ruidas	Manik Das	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
334	Dipakshi Bhandari	Pranab Bhandari	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
335	Ranu Ghanti	Sannashi Ghanti	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
336	Aparna Ghanti	Gopi Mohan Ghanti	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
337	Chabi Ghanti	Rabilal Ghanti	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
338	Latika Ruidas	Dharam Ruidas	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
339	Baishakhi Ghatai	Jayanta Ghatai	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
340	Pratima Ruidas	Sadhu Das	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
341	Anima Katari	Dilip Katari	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
342	Manu Ghatai	Madhusudhan Ghatai	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
343	Gitarani Ruidas	Dayamay Das	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
344	Sandhya Das	Sadhan Das	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
345	Mayarani Rui Das	Bapi Das	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
346	Archana Mukherjee	Uttam Mukherjee	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
347	Lilabati Majhi	Nityananda Majhi	Bahadurpur,-	Sriniketan	Birbhum

			Binuria	Santiniketan	
348	Santi Pal	Lakshman Chandra Pal	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
349	Suniti Pal	Bharat Pal	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
350	Jhuma Pal	Dhaneswar Pal	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
351	Baishakhi Pandit Jha	Naresh Chandra Jha	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
352	Yoagmaya Ghanti	Karunamoy Ghanti	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
353	Rupa Ghanti	Kartik Ghanti	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
354	Dhira Choudhuri	Late Nimai Choudhuri	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
355	Shikha Ghosh	Indrajit Ghosh	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
356	Sulekha Ghosh	Ranajit Ghosh	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
357	Basantirani Ghosh	Nimai Chandra Ghosh	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
358	Tumpa Mondal	Nabakumar Mondal	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
359	Hira Bhandari	Sahadeb Bhandari	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
360	Tulushi Bhandari	Susanta Bhandari	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
361	Bina Mete	Nimai Mete	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
362	Rinki Paul Mandal	Biswajit Paul	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
363	Nilima Majhi	Ganesh Chandra Majhi	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
364	Nilima Chakraborty	Feluram Chakraborty	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
365	Malati Mete	Late Abanidhar Mete	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
366	Supriya Chowdhury	Late Nabakumar Chowdhury	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
367	Chinta Das	Akkari Das	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
368	Kalyani Das	Sanjay Das	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
369	Urmila Rani Paul	Alok Paul	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
370	Chandana	Swapan Chowdhury	Bahadurpur,-	Sriniketan	Birbhum

	Chowdhury		Binuria	Santiniketan	
371	Ishani Chakraborty	Bidhan Chakraborty	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
372	Jyotshna Majhi	Shyam Sundar Majhi	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
373	Chandana Ruidas	Kamal Ruidas	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
374	Saraswati Das	Dilip Das	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
375	Kalpna Majhi	Late Damadar Majhi	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
376	Mausumi Pal	Sadhucharan Pal	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
377	Purabi Pal	Ramchandra Pal	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
378	Moumita Pal	Abhijit Pal	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
379	Nivarani Paul	Tamal Paul	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
380	Shovarui Das	Uttam Ruidas	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
381	Swapna Pal	Ranajit Pal	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
382	Bhagyabati Pal	Somnath Pal	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
383	Sikha Khan	Bharat Khan	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
384	Rai Kha	Ladan Khan	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
385	Purnima Pal	Paresh Pal	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
386	Supriya Ghosh	Hemanta Ghosh	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
387	Chandana Ghosh	Tapas Ghosh	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
388	Manika Ghosh	Tapan Kumar Ghosh	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
389	Narayani Ghosh	Sadhan Kumar Ghosh	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
390	Ambika Pal	Ajit Pal	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
391	Sova Das	Sunil Ruidas	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
392	Sabita Das	Ananda Das	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
393	Jharna Das	Haru Das	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum

394	Parbatti Parddhan	Joydeb Parddhan	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
395	Tapati Mete	Gobinda Mete	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
396	Madhumita Mondal	Swapan Pal	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
397	Kaberi Ghosh	Sahymal Mondal	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
398	Mandira Khan	Bhagbat Khan	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
399	Chandana Bhandari	Ananda Bhandari	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
400	Chinmayee Mondal	Saikat Pal	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
401	Rina Pal	Uttam Pal	Bahadurpur,- Binuria	Sriniketan Santiniketan	Birbhum
402	Abdul Salim	Sk. Akram	Chowhatta	Labpur	Bhirbhum
403	Abdur Rahman	Sk Ansar Ali	Talibpur	Suri li	Bhirbhum
404	Afazuddin Sekh	Leat Sk Akram	Gajipara Chowhatta	Labpur	Bhirbhum
405	Ajay Mal	Ganesh Chandra Mal	Daranda	Illambazar	Bhirbhum
406	Bidhan Chandra Mal	Jiten Mal	Daranda	Illambazar	Bhirbhum
407	Binoy Mal	Noton Mal	Daranda	Illambazar	Bhirbhum
408	Biswajit Sow	Ajit Kumar Sow	Kenduli	Suri	Bhirbhum
409	Bulu Rani Dutta	Sandip Dutta	Illambazar	Illambazar	Bhirbhum
410	Dayamay Chowdhury	Dharmadas Chowdhury	Gopinathpur	Illambazar	Bhirbhum
411	Dipak Mondal	Bidyut Kumar Mondal	Idrakpur	Mayureswar-1	Bhirbhum
412	Ferdosi Khatun	Kamaruddin Saikh	Kalitha	Nalhati 1	Bhirbhum
413	Gonsai Das	Lt Ganesh Das	Dhanai	Sainthia	Bhirbhum
414	Jasim Islam	Jahirul Islam	Chhoto Podhra	Nalhati 1	Bhirbhum
415	Jasmina Khatun	Sk Jakir Hossain	Bonsanka	Suri - 2	Bhirbhum
416	Juthika Mondal	Ramprasad Mondal	Kandarkula	Labhpur	Bhirbhum
417	Lakshmi Narayan Sen	Akupada Sen	Senkapur	Bolpur Sriniketan	Bhirbhum
418	Manas Kumar Majhi	Srinibas Majhi	Bhubandanga	Sriniketan	Bhirbhum
419	Manasi Majumdar	Sadhan Majumdar	Saldaha	Md Bazar	Bhirbhum
420	Md Azizul Haque	Abul Hasan Sk	Harharia	Paikar	Bhirbhum
421	Mustak Hossain	Rabiul Hasan	Boro Podhra	Nalhati-I	Bhirbhum
422	Namita Das	Prasanta Kumar Das	Belbuni	Dubrajpur	Bhirbhum
423	Naresh Mal	Sibu Mal	Daranda	Illambazar	Bhirbhum
424	Pradip	Amarnath Bhatarjee	Daranda	Illambazar	Bhirbhum

	Bhattacharjee				
425	Pradip Kumar Samanta	Late Trisanku Samanta	Madhaipur	Rajnagar	Bhirbhum
426	Prasanta Kumar Das	Mangal Chandra Das	Belbuni	Dubrajpur	Bhirbhum
427	Prodyot Kumar Dhali	Late Sudhansu Dhali	Madhaipur	Rajnagar	Bhirbhum
428	Purnendu Sikder	Late Gandhi Lal Sikder	Madhaipur	Rajnagar	Bhirbhum
429	Rajib Das	Tapan Das	Rupadihi	Sainthia	Bhirbhum
430	Ramu Badyakar	Shibsankar Badyakar	Suri	Suri1	Bhirbhum
431	Riyazuddin Sekh	Hisabuddin Sekh	Krishnanagar, Mahurapur ,	Mayureswar 1	Bhirbhum
432	Samar Kumar Bej	Jatis Chandra Bej	Madhaipur	Rajnagar	Bhirbhum
433	Santana Pal	Buddhadeb Pal	Ekut	Lab Pur	Bhirbhum
434	Sk Anowar	Late Abdur Rafique	Brahmandihi	Illambazar	Bhirbhum
435	Sk Ansar Ali	Nur Mohammad	Talibpur	Suri li	Bhirbhum
436	Sk Asikur Rahaman	Sk Matiur Rahman	Bhabanipur	Illambazar	Bhirbhum
437	Sk Aslamuddin	Late Sk Mahiuddin Mondal	Bhabanipur	Illambazar	Bhirbhum
438	Sk Fatenur Hossain	Sk Somed Ali	Raghai Pur	Illambazar	Bhirbhum
439	Sk Julfikkar Ali	Abubakkar Siddik	Sija	Dubrajpur	Bhirbhum
440	Sk Khairul Islam	Golam Moula	Kendua	Suri-2	Bhirbhum
441	Sk Khairul Islam	Golam Moula	Kendua	Suri-2	Bhirbhum
442	Sk Mahasin	Sk Saifuddin	Kendua	Suri2	Bhirbhum
443	Sk Nabi Hossain	Sk Abul Hossain	Raghaipur	Illambazar	Bhirbhum
444	Sk Riajul	Sk Hamid	Sajina	Dubrajpur	Bhirbhum
445	Sk Saiful Islam	Sk Nurul Islam	Sehena	Suri - LI	Bhirbhum
446	Sk Sajamal	Sk Samsuddin	Khubirpur	Illambazar	Bhirbhum
447	Sraboni Das	Suman Mukherjee	Bolpur	Bolpur Sriniketan	Bhirbhum
448	Subhadra Pal	Arun Pal	Illambazar Naer Bdo	Illambazar	Bhirbhum
449	Sukhi Kisku	Budi Kisku	Saripa	Labpur	Bhirbhum
450	Tapas Mete	Late - Jagannath Mete	Bolpur	Bolpur Sriniketan	Bhirbhum
451	Tumpa Das	Goutam Das	Mordhi	labpur	Bhirbhum
452	Swapan Kumar Mandal	S/O-Gopal Chandra Mandal	Vill+Po-Paranpur, Ps-Pukhuria	Ratua-2	Malda
453	Abdul Aleem	Serajuddin	Sonakole	Harishchandrapur	Malda
454	Aditya Kumar Sarkar	Kalipada Sarkar	Jhinjhinipur	Habibpur	Malda
455	Amal Chandra Mahato	Raghunath Mahato	Jotbhairab	Gazole	Malda

456	Aynul Bari	Md Giasuddin	Sadlichak	Harishchandra Pur li	Malda
457	Balaram Mandal	Dinesh Mandal	Darimari	Gazole	Malda
458	Bharoti Pramanik	Nilkamal Pramanik	Muriyakundu	Gazal	Malda
459	Brojobashi Mandal	Nilkanta Mandal	Mahadebpur	Old Malada	Malda
460	Dhanpa Mandal	Sasanka Mandal	Meghutola	Kaliachak-li	Malda
461	Falguni Barman Roy	Kalyan Roy	Habibpur	Habibpur	Malda
462	Hirendra Nath Das	Surendranath Das	Kamarta	Harishchandrapur-1	Malda
463	Laxmi Mandal	Rabindranath Mandal	Darimari	Gazole	Malda
464	Manoj Bhowmik	Ajit Kumar Bhowmik	Dighirpar	Bamangola	Malda
465	Md Abdul Mamun	Abdul Latif	Chhatragachhi	Kaliachak 2	Malda
466	Md Nur Alam	Abdul Mannan	Malsabad	Harishchandrapur 2	Malda
467	Mintu Das	Sita Ram Das	Uttar Singia	Chanchal-1	Malda
468	Mrinal Bhowmik	Ajit Kumar Bhowmik	Dighirpar	Bamangola	Malda
469	Nabin Murmu	Dilip Murmr	Balarampur Shimuljuri	Gajole	Malda
470	Nasid Hossain	Fasiur Rahaman	Kanua	Chanchal-I	Malda
471	Noor Khaiyam	Sk Rejaul Karim	Kabilkhani	Chanchal	Malda
472	Prabhakar Mandal	Suren Mandal	Bholaichak	Kaliachak-iii	Malda
473	Sadhan Roy	Late Pashupati Roy	Mahadebpur	Oldmalda	Malda
474	Samim Akhtar	Rejaul Hoque	Gidhinpukur	Harishchandrapur	Malda
475	Sk Amir Soyel	Sk Anwar Kamal	Rampur	Chanchal-li	Malda
476	Sukumar Das	Narendra Nath Das	Kamarta	Harishchandra Pur	Malda
477	Tribikram Sarkar	Pankaj Kumar Sarkar	Idam	Gazole	Malda
478	Acharana Mandal	Sankar Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
479	Anima Mandal	Rajesh Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
480	Anita Mandal	Sandi Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
481	Archana Mandal	Dulal Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
482	Asha Mandal	Samar Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
483	Asharani Mandal	Gopal Chandra Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
484	Bandana Mandal	Madan Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
485	Basabti Mandal	Santosh Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad

486	Basanti Mandal	Ramesh Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
487	Basanti Rabidas	Naba Rabidas	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
488	Basumati Mandal	Barun Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
489	Basumati Mandal	Santosh Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
490	Beuty Mandal	Abhi Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
491	Bhadari Mandal	Daresh Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
492	Bharati Mandal	Sukhchand Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
493	Bharati Mandal	Bhavan Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
494	Bharati Mandal	Bishu Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
495	Bishokha Mandal	Jusal Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
496	Bisokha Sardar	Bapi Sarder	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
497	Chandana Mandal	Dilip Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
498	Chetana Mandal	Tapas Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
499	Dali Mandal	Subodh Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
500	Dayamayee Mandal	Santosh Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
501	Dipika Mandal	Ukil Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
502	Dipjali Mandal	Subhas Kumar Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
503	Dulari Mandal	Pachanan Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
504	Gangamuni Mandal	Nimai Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
505	Joy Chowdhury	Paritosh Chowdhury	Farakka	Murshidabad-Jiaganj	Murshidabad
506	Jthika Mandal	Sreecharan Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
507	Kabita Mandal	Durgapada Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
508	Kadu Mandal	Pachu Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
509	Kalpana Mandal	Milan Mandal	Diar Mahi Nagar	Murshidabad-	Murshidabad

				Jiaganj	
510	Kamala Mandal	Tilon Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
511	Kanika Mandal	Pachanan Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
512	Kanika Mandal	Madan Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
513	Latika Mandal	Rantu Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
514	Latika Rabidas	Sanjoy Rabidas	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
515	Laxmi Mandal	Sujit Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
516	Laxmi Mandal	Tarun Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
517	Laxmi Mandal	Binod Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
518	Lila Rabidas	Niranjana Rabidas	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
519	Lilabati Mandal	Atit Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
520	Lilamani Rabidas	Sashti Rabidas	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
521	Lipika Mandal	Prasenjit Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
522	Madhabi Mandal	Biswanath Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
523	Mala Mandal	Bibhuty Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
524	Malarani Mandal	Bibhuti Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
525	Malati Mandal	Gurucharan Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
526	Mamata Mandal	Arun Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
527	Mamata Rabidas	Premchad Rabidas	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
528	Mamoni Mandal	Paritosh Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
529	Mayna Mandal	Ramesh Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
530	Md.Taimur Bin Kashim Khan	Md.Adul Kasim Khan	Bilchatra	Domkal	Murshidabad
531	Menoka Mandal	Jagannath Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
532	Mian Mandal	Dulal Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad

533	Mina Rabidas	Manik Rabidas	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
534	Mira Mandal	Munna Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
535	Mousomi Mandal	Dipu Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
536	Namita Mandal	Khudurum Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
537	Nilani Mandal	Gour Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
538	Parul Mandal	Mahadev Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
539	Phulmani Mandal	Haresh Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
540	Pradip Kumar De	Prafulla Kumar De	Kirtipur	Khargram	Murshidabad
541	Puja Rabidas	Manoj Rabidas	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
542	Purabi Mandal	Pharing Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
543	Purnima Rabidas	Sanjoy Rabidas	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
544	Rajesh Mandal	Ramjan Ali	Lakhanpur	Berhampore	Murshidabad
545	Rajubala Rabidas	Jatin Rabidas	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
546	Rakgi Singha	Satyadev Mandal	Abhla	Farakka	Murshidabad
547	Rakhi Rabidas	Ranjit Rabidas	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
548	Renubala Mandal	Biren Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
549	Renuka Mandal	Lalchand Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
550	Rina Mandal	Sushil Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
551	Rinki Mandal	Ranjit Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
552	Rita Mandal	Ranjit Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
553	Rita Mandal	Viku Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
554	Rita Rabidas	Santosh Rabidas	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
555	Rohisuddin Sk	Rabiuddin Sk	Eroali	Khargram	Murshidabad
556	Rumpa Mandal	Avijit Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
557	Rumpa Mandal	Bijoy Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad

558	Sabitri Mandal	Sitanath Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
559	Saddam Hossain Mandal	Harun Rashid Mandal	Sannyashidanga	Nowda	Murshidabad
560	Sampa Mandal	Phulchand Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
561	Sampa Mandal	Shidhar Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
562	Sangita Mandal	Amrita Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
563	Sanjit Chowdhury	Ashok Chowdhury	Farakka	Farakka	Murshidabad
564	Sanoka Mandal	Sidhanta Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
565	Sefali Mandal	Dilip Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
566	Senaka Mandal	Nakul Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
567	Shanti Mandal	Sushil Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
568	Shanti Saradr	Sunil Sardar	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
569	Sima Mandal	Sibnath Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
570	Sima Mandal	Gopal Chandra Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
571	Sita Mandal	Swapan Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
572	Sohagi Mandal	Bivash Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
573	Somnath Sardar	Nirmal Sardar	Madhusudan Bati	Murshidabad-Jiaganj	Murshidabad
574	Subrata Mazumdar	Sunil Mazumdar	Andulberia Colony	Beldanga 2	Murshidabad
575	Suchitra Mandal	Anil Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
576	Suhagi Mandal	Lalbihari Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
577	Sunita Rabidas	Goutam Rabidas	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
578	Surjamani Mandal	Ramesh Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
579	Tiloka Rani Mandal	Sadhu Charan Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
580	Tulorani Mandal	Sidhar Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
581	Tumpa Mandal	Bhabesh Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad

582	Tuntuni Rabidas	Dasharath Rabidas	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
583	Tusha Mandal	Dipu Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
584	Ulashi Mandal	Bharat Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
585	Ulashi Mandal	Jupen Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
586	Urmila Mandal	Ajay Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
587	Urmila Mandal	Lalit Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
588	Usha Mandal	Sarat Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
589	Usha Rani Mandal	Swapan Mandal	Diar Mahi Nagar	Murshidabad-Jiaganj	Murshidabad
590	Yeamin Ali	Sanuar Ali	Ashariadaha	Lalgola	Murshidabad
591	Arun Modak	Apurba Modak	Subarnabihar	Krishnagar 1	Nadia
592	Baikuntha Mandal	Kedar Mandal	Bayarbandha	Tehatta-1	Nadia
593	Bapi Ridra	Late Kashinath Rudra	Bablari	Nabadwip	Nadia
594	Bappaditya Joarder	Bivash Chandra Joarder	Chanralkhali	Karimpur-I	Nadia
595	Bikalpa Sarkar	Birendra Nath Sarkar	Nazirpur(Road Para)	Ranaghat 1	Nadia
596	Bulti Khatun	Ismail Shaikh	Putimari	Tehatta1	Nadia
597	Debasish Dad	Madan Gopal Das	Gangnapur	Ranaghat 2	Nadia
598	Dipika Sarkar	Bidyut Kumar Sarkar	Putimari	Tehatta-I	Nadia
599	Dwaipayyan Biswas	Late Dilip Kumar Biswas	Mahamayapally	Karimpur I	Nadia
600	Dwaipayyan Biswas	Dilip Kumar Biswas	Mahamayapally	Karimpur I	Nadia
601	George Gomes	Joseph Gomes	Nagendra Nagar	Krishnagar 1	Nadia
602	Jahangir Hossain	Jalil Sk	Bathangachhi	Kaliganj	Nadia
603	Kamal Hossain Mondal	Ansar Mondal	Ananda Bas	Krishnagar - 1	Nadia
604	Mukti Biswas	Krishnaprasad Biswas	Putimari	Tehatta 1	Nadia
605	Nabin Baran Banerjee	Badrinarayan Banerjee	Bablari	Nabadwip	Nadia
606	Niranjana Khamaria	Lakshman Khamaria	Subarna Bihar (Modak Para)	Krishnagar-1	Nadia
607	Pintu Biswas	Gurupada Biswas	Nazirpur Purba	Ranaghat 1no	Nadia
608	Putul Paul	Santosh Kumar Biswas	Baliadanga, Eruli, Ranaghat	Block 3	Nadia
609	Putul Paul	Sajal Paul	Chakdaha, Moni mala Bat-Tala, Nadia	Chakda	Nadia
610	Rafikul Islam	Nazrul Islam Biswas	Krishnagar	Krishnagar -1	Nadia

	Biswas				
611	Rajesh Khan	Sahidul Khan	Murutia	Karimpur li	Nadia
612	Rana Mandal	Shashthi Charan Mandal	Bayarbandha	Tehatta-1	Nadia
613	Shubhajit Mandal	Utpal Mandal	Bayarbandha	Tehatta-I	Nadia
614	Siuli Ghosh	Kartick Ghosh	Birnagar	Ranaghat 1	Nadia
615	Smriti Mondal Biswas	Dwipen Mondal	Mahamayapally	Karimpur I	Nadia
616	Soubhik Roy	Samar Roy	Kulgachi	Tehatta 1	Nadia
617	Soumen Mondal	Balai Mondal	Kulgachhi	Tehatta-1	Nadia
618	Soumik Paul	Sajal Paul	Chakdaha, Lalpur, Vivekanand Pally	Tehatta-1	Nadia
619	Sukanta Mandal	Sadhan Mandal	Haripur	Karimpur-2	Nadia
620	Sukanta Mondal	Sukumar Mondal	Nabadwip	Nabadwip	Nadia
621	Sumana Biswas	Pijus Kanti Biswas	Putimari	Tehatta-1	Nadia
622	Abida Sultana	Raisul Islam	Singtore	Kushmandi	South Dinajpur
623	Acema Khatun	Tojammel Hossain	Singtore	Kushmandi	South Dinajpur
624	Ado Bala Sarkar	Galen Ch. Sarkar	Kapuria	Kushmandi	South Dinajpur
625	Aklima Khatun	Anisur Rahman	Singtore	Kushmandi	South Dinajpur
626	Aktar Banu	Late Jafrul Islam	Singtore	Kushmandi	South Dinajpur
627	Amena Begom	Sahidur Rahman	Singtore	Kushmandi	South Dinajpur
628	Anjuara Begum	Asraf Ali	Amlahar	Kushmandi	South Dinajpur
629	Anjuyara Khatun	Jainur Islam	Singtore	Kushmandi	South Dinajpur
630	Anup Ghosh	Nishith Kumar Ghosh	Collectorate Ghat Para	Balurghat	South Dinajpur
631	Apurba Barman	Biren Barman	Madhabpur	Kumarganj	South Dinajpur
632	Avijit Saren	Sailen Saren	Kamarpara	Balurghat	South Dinajpur
633	Ayan Das	Madan Das	Bishwanathpur	Kumarganj	South Dinajpur
634	Babli Khatun	Nurol Islam	Singtore	Kushmandi	South Dinajpur
635	Bablu Barman	Lt Sushil Chandra Barman	Chanchair	Tapan	South Dinajpur
636	Bidhan Sarkar	Binoy Sarkar	Patiam Dakshin Para	Balurghat	South Dinajpur
637	Bijan Mohanta	Bablu Mohanta	Banora	Hili	South Dinajpur
638	Bulti Saha	Manik Saha	Kadighat	Gangarampur	South Dinajpur
639	Chayan Das	Sukumar Das	Batun	Kumarganj	South Dinajpur
640	Dilruba Khatun	Majidur Rahman	Singtore	Kushmandi	South Dinajpur
641	Jony Debnath	Madhusudan Debnath	Dumair	Balurghat	South Dinajpur
642	Joytun Nessa	Abdus Salam	Singtore	Kushmandi	South Dinajpur
643	Khairun Nessa	Ataur Rahaman	Singtore	Kushmandi	South Dinajpur
644	Liza Hoque	Ruhul Amin	Narayanpur	Kushmandi	South Dinajpur
645	Lovely Begom	Nur Hossain	Singtore	Kushmandi	South Dinajpur

646	Masuda Khatun	Abdul Salam	Abuhar	Kushmandi	South Dinajpur
647	Momotara Khatun	Mahibur Rahaman	Singtore	Kushmandi	South Dinajpur
648	Moriom Khatun	Ekramul Islam	Singtore	Kishmandi	South Dinajpur
649	Mousomi Jharna Khatun	Majedar Hossain	Singtore	Kushmandi	South Dinajpur
650	Niti Debsharma	Badal Ch Sarkar	Rasulpur	Kushmandi	South Dinajpur
651	Oyasira Khatun	Amenur Islam	Singtore	Kushmandi	South Dinajpur
652	Parimal Saha	Nareshwar Saha	Patiram,Arabind apally	Balurghat	South Dinajpur
653	Prativa Barman	Manoranjan Barman	Kalikamora	Kushmandi	South Dinajpur
654	Rafika Parvin	Jiyarul Islam	Singtore	Kushmandi	South Dinajpur
655	Rahen Banu	Hamidur Rahaman	Singtore	Kushmandi	South Dinajpur
656	Rahimul Islam	Sahidur Rahaman	Narai	Gangarampur	South Dinajpur
657	Runa Parvin	Samsul Islam	Singtore	Kushmandi	South Dinajpur
658	Safiya Khatun	Amirul Islam	Singtore	Kushmandi	South Dinajpur
659	Sagar Kundu	Ratan Kundu	Khadimpur Battala	Balurghat	South Dinajpur
660	Sagar Roy	Narendra Nath Roy	Vill Dhalighi More	Gangarampur	South Dinajpur
661	Saleya Bewa	Late. Somiruddin Ahamed	Singtore	Kushmandi	South Dinajpur
662	Sandip Sarkar	Rabindra Nath Sarkar	Patiram	Balurghat	South Dinajpur
663	Shanta Halder	Dilip Halder	Harpur	Balurghat	South Dinajpur
664	Sourav Chakraborty	Late Swapan Chakraborty	Patiram	Balurghat	South Dinajpur
665	Sudip Mahanta	Paresh Chandra Mahanta	Laskarpur	Hili	South Dinajpur
666	Sukumar Das	Late Pachu Das	Raghunath Bati	Gangarampur	South Dinajpur
667	Sultana Parvin	Reyajul Islam	Singtore	Kushmandi	South Dinajpur
668	Suraiya Khatun	Afsar Ali	Singtore	Kushmandi	South Dinajpur
669	Suratun Nessa	Misir Miya	Singtore	Kushmandi	South Dinajpur
670	Tajnehar Begom	Jakir Hossain	Singtore	Kushmandi	South Dinajpur
671	Tamal Halder	Madhai Kumar Halder	Vivekananda Pally	Balurghat	South Dinajpur
672	Tuhina Parvin	Altaf Hossain	Singtore	Kushmandi	South Dinajpur
673	Abdul Salim	Sk Akram	Chowhatta Gazi Para	Labpur	Birbhum
674	Afazuddin Sekh	Late Akram Sk	Chowhatta Gajipara	Labpur	Birbhum
675	Ananda Garai	Sunil Garai	Chowhatta Gajipara	Labpur	Birbhum
676	Bandana Bauri	Swapan Bauri	Daspur	Dubrajpur	Birbhum
677	Birajul Haque Mollah	Md Mobin Mollah	Bharkata	Md.Bazar	Birbhum
678	Biswajit Sow	Ajit Kumar Sow	Kenduli	Suri-2	Birbhum
679	Dayamay	Dharmadas Chowdhury	Gopinathpur	Illambazar	Birbhum

	Chowdhury				
680	Golam Rasul	Sk Shahjahan	Gopinathpur	Illambazar	Birbhum
681	Jadab Kumar Mandal	Late Balaram Mandal	Shankarpur	Rajnagar	Birbhum
682	Jagadish Ghosh	Dinabandhu Ghosh	Akamba	Illambazer	Birbhum
683	Juthaka Mondal	Ramprasad Mondal	Kandarkula	Labhpur	Birbhum
684	Lakshmi Narayan Sen	Aku Pada Sen	Senkapur	Bolpur Sriniketan	Birbhum
685	Manasi Majumdar	Sabhan Majumdr	Saldaha	Md Bazar	Birbhum
686	Nabanita Chakraborty	Kalicharan Chakraborty	Chowhatta	Labpur	Birbhum
687	Namita Das	Prasanta Kumar Das	Belbuni	Dubrajpur	Birbhum
688	Nandalal Das	Badan Das	Belbuni	Dubrajpur	Birbhum
689	Naresh Mal	Sibu Mal	Daranda	Illambazar	Birbhum
690	Prasanta Kumar Das	Mangal Chandra Das	Belbuni	Dubrajpur	Birbhum
691	Rahul Pramanik	Ramesh Pramanik	Nurpur	Sriniketan	Birbhum
692	Rajib Das	Tapan Das	Rupadihi	Sainthia	Birbhum
693	Riyazuddin Sekh	Hisabuddin Sekh	Vill - Krishnanagar Po - Mahurapur , Ps - Mollarpur , Pin- 731213	Mayureswar 1	Birbhum
694	Saheb Pal	Bapi Pal	Bolpur	Siniketon	Birbhum
695	Sanjay Ray	Sudhir Chandra Ray	Bolpur	Kankali Gram Panchyat	Birbhum
696	Santana Ghosh Pal	Buddha Deb Pal	Ekut	Labhpur	Birbhum
697	Santana Pal	Buddhadeb Pal	Ekut	Lab Pur	Birbhum
698	Sk Asikur Rahaman	Sk Matiur Rahman	Bhabanipur	Illambazar	Birbhum
699	Sk Aslamuddin	Late Sk Mahiuddin Mondal	Bhabanipur	Illambazar	Birbhum
700	Sk Khairul Islam	Golam Moula	Kendua	Suri-2	Birbhum
701	Sk Khairul Islam	Golam Moula	Kendua	Suri-2	Birbhum
702	Subhadra Pal	Arun Pal	Illambazar Naer Bdo	Illambazar	Birbhum
703	Sukhi Kishu	Budi Kisku	Saripa	Labpur	Birbhum
704	Tapas Mete	Late-Jagannath Mete	Bolpur	Bolpur Sriniketan	Birbhum
705	Tumpa Das	Goutam Das	Mordighi	Labpur	Birbhum
706	Dibakar Mandal	Suren Mandal	Bholaichak	Kaliachak-Iii	Malda
707	Prabhakar Mandal	Suren Mandal	Bholaichak	Kaliachak-Iii	Malda
708	Dhanpa Mandal	Sasanka Mandal	Meghutola	Kaliachak-li	Malda
709	Dibakar Mandal	Suren Mandal	Bholaichak	Kaliachak-Iii	Malda
710	Md Sahabuddin	Afajuddin Momin	Kalikapur	Kaliachak I	Malda

	Momin		Kabirajpara		
711	Dibakar Mandal	Suren Mandal	Bholaichak	Kaliachak-lii	Malda
712	Prabhakar Mandal	Suren Mandal	Bholaichak	Kaliachak-lii	Malda
713	Dhanpa Mandal	Sasanka Mandal	Meghutola	Kaliachak-li	Malda
714	Amal Chandra Mahato	Raghunath Mahato	Meghutola	Kaliachak-li	Malda
715	Md Abdul Mamun	Abdul Latif	Vil .Chhatragachhi	Kaliachak-li	Malda
716	Noor Khaiyam	Sk Rejaul Karim	Kabilkhani	Chanchal	Malda
717	Nasid Hossain	Fasiur Rahaman	Kanua	Chanchal- I	Malda
718	Sk Amir Soyel	Sk Anwar Kamal	Kanua	Chanchal- I	Malda
719	Dibakar Mandal	Suren Mandal	Bholaichak	Kaliachak-lii	Malda
720	Sambhu Shil	Tilok Shil	Vill-Dakahin Gopalpur P.O- Singadaha	Banshihari	South Dinajpur
721	Anisur Rahaman	Mujibor Rahaman	Shimul Tala (Talpukur)	Murshidabad- Jiaganj	Murshidabad
722	Bedana Rabidas	Sukumar Rabidas	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
723	Dali Mandal	Subodh Mandal	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
724	Dipali Rabidas	Kashinath Rabidas	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
725	Jayashree Mandal	Sankar Mandal	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
726	Joy Chowdhury	Paritosh Chowdhury	Farakka	Bewa 1	Murshidabad
727	Lailur Rahaman	Jinnat Ali Mondal	Uttar Pakur Dear	Jalangi	Murshidabad
728	Mahamudan Hasan Mandal	Tajimuddin Mandal	Inatpur	Jalangi	Murshidabad
729	Morchalim Molla	Mohidul Molla	Tikarbaria	Jalangi	Murshidabad
730	Pabitra Rabidas	Shyamchad Rabidas	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
731	Putul Mandal	Suren Mandal	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
732	Rakhi Singha	Sat Ya Dev Mandal	Abhla	Murshidabad- Jiaganj	Murshidabad
733	Ripan Sha	Maidul Sha	Inatpur	Murshidabad- Jiaganj	Murshidabad
734	Robiul Islam	Najmul Hossen	Inatpur	Murshidabad- Jiaganj	Murshidabad
735	Sadananda Mishra	Late Nityananda Mishra	Kendua	Murshidabad- Jiaganj	Murshidabad
736	Salauddin	Janmohammad	Mehedi Para	Murshidabad- Jiaganj	Murshidabad

737	Sanjit Chowdhury	Ashok Chowdhury	Farakka	Farakka	Murshidabad
738	Sarbani Mandal	Birendra Mandal	Diar Mahi Nagar	Murshidabad- Jiaganj (M-J)	Murshidabad
739	Satya Dev Mandal	Late Digamber Mandal	Abhla	Farakka	Murshidabad
740	Shanti Mandal	Dilip Mandal	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
741	Sitarani Mandal	Gouranga Mandal	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
742	Soleman Molla	Abul Hasan Molla	Gaznipur	Murshidabad- Jiaganj	Murshidabad
743	Subrata Mazumdar	Sunil Mazumdar	Andulberia Colony	Beldanga 2	Murshidabad
744	Usha Rani Mandal	Amullya Mandal	Diar Mahi Nagar	Murshidabad- Jiaganj	Murshidabad
745	Arpita Biswas	Dibas Biswas	Itabaria	Hanskhali	Nadia
746	Arun Modak	Apurba Modak	Subarnabihar	Krishnagar-1	Nadia
747	Bikalpa Sarkar	Birendra Nath Sarkar	Nazirpur(Road Para)	Ranaghat 1	Nadia
748	Debika Bala	Netai Bala	Astullanagar	Tehatta 1	Nadia
749	Dipika Sarkar	Bidyut Kumar Sarkar	Putimari	Tehatta-I	Nadia
750	Dwaipayan Biswas	Lt. Dilip Kumar Biswas	Mahamayapally	Karimpur I	Nadia
751	Md Asif Ali	Md Badaruddin Ahmed	Dhubi	Nakashipara	Nadia
752	Meheebub Shaikh	Father. Sattar Shaikh	Yyotinagar	Nakashipara	Nadia
753	Mukti Biswas	Krishnaprasad Biswas	Putimari	Tehatta-1	Nadia
754	Nabin Baran Banerjee	Badrinarayan Banerjee	Bablari	Nabadwip	Nadia
755	Nilima Mondal	Bimal Mondal	Itabaria	Hanskhali	Nadia
756	Niranjan Khamaria	Lakshman Khamaria	Subarna Bihar(Modak Para)	Krishnagar-1	Nadia
757	Puja Mondal	Sonatan Mondal	Itabaria	Hanskhali	Nadia
758	Putul Paul	Sajal Paul	Chakdaha, Lalpur	Hanskhali	Nadia
759	Ramendra Nath Sarkar	Ratish Sarkar	Vill:-Natun Shambhunagar	Krishnagar--1	Nadia
760	Rana Mandal	Shashthi Charan Mandal	Bayarbandha	Tehatta-1	Nadia
761	Rasel Shaikh	Alauddin Shaikh	Bayarbandha	Tehatta-1	Nadia
762	Sahabaj Mallick	Farid Mallick	Bayarbandha	Tehatta-1	Nadia
763	Sathi Mondal	Nikhil Mondal	Itabaria	Hanskhali	Nadia
764	Sayan Mandal	Susanta Kumar Mandal	Fulkalmi	Hanskhali	Nadia
765	Soma Biswas	Ananta Kumar Biswas	Badkulla Stationpara	Hanskhali	Nadia
766	Soumen Mondal	Balai Mondal	Kulgachhi	Tehatta 1	Nadia
767	Soumen Mondal	Balai Mondal	Kulgachhi	Tehatta1	Nadia

768	Sudipta Paul	Sajal Paul	Chakdaha, Monimala Bat- Tala	Chakda	Nadia
769	Sumana Biswas	Pijus Kanti Biswas	Putimari	Tehatta 1	Nadia
770	Noor Nehar Bibi	Based Mondal	Gobindapur, Mahesh Pur	Bamongola	Malda
771	Saleya Bibi	Sajiruddin Mondal	Gobindapur, Mahesh Pur	Bamongola	Malda
772	Fulmoni Oraw	Bidhu Oraw	Gobindapur, Mahesh Pur	Bamongola	Malda
773	Papia Oraw	Gopal Oraw	Gobindapur, Mahesh Pur	Bamongola	Malda
774	Depali Oraw	Bablu Oraw	Gobindapur, Mahesh Pur	Bamongola	Malda
775	Sukur Moni Oraw	Agnu Oraw	Gobindapur, Mahesh Pur	Bamongola	Malda
776	Sima Oraw	Khoka Oraw	Gobindapur, Mahesh Pur	Bamongola	Malda
777	Ofa Oraw	Atin Oraw	Gobindapur, Mahesh Pur	Bamongola	Malda
778	Santanu Oraw	Arun Oraw	Gobindapur, Mahesh Pur	Bamongola	Malda
779	Keshobati Mahato	Upen Mahato	Gobindapur, Mahesh Pur	Bamongola	Malda
780	Pabni Oraw	Rabi Oraw	Gobindapur, Mahesh Pur	Bamongola	Malda
781	Rubni Oraw	Bamon Oraw	Gobindapur, Mahesh Pur	Bamongola	Malda
782	Joyanti Kuzur	Ganesh Kuzur	Gobindapur, Mahesh Pur	Bamongola	Malda
783	Sarathi Kuzur Hansda	Samra Hansda	Gobindapur, Mahesh Pur	Bamongola	Malda
784	Chhabi Lakra	Hole Lakra	Gobindapur, Mahesh Pur	Bamongola	Malda
785	Pinki Lakra	Limba Lakra	Gobindapur, Mahesh Pur	Bamongola	Malda
786	Sima Oraw	Nayan Oraw	Gobindapur, Mahesh Pur	Bamongola	Malda
787	Gita Oraw Minj	Naren Minji	Gobindapur, Mahesh Pur	Bamongola	Malda
788	Samo Minji	Chuigu Minji	Gobindapur, Mahesh Pur	Bamongola	Malda
789	Munli Minji	Budendra Minji	Gobindapur, Mahesh Pur	Bamongola	Malda
790	Suchitra Thakur	Kumares Thakur	Gobindapur, Mahesh Pur	Bamongola	Malda
791	Moni Minji	Sunil Minji	Gobindapur,	Bamongola	Malda

			Mahesh Pur		
792	Chameli Pramanik	Dhamal Pramanik	Gobindapur, Mahesh Pur	Bamongola	Malda
793	Lila Oraw	Kartik Oraw	Gobindapur, Mahesh Pur	Bamongola	Malda
794	Rekha Oraw	Nukul Oraw	Gobindapur, Mahesh Pur	Bamongola	Malda
795	Parul Mondal	Manik Ch. Mondal	Gobindapur, Mahesh Pur	Bamongola	Malda
796	Sarathi Oraw	Dhiram Oraw	Gobindapur, Mahesh Pur	Bamongola	Malda
797	Bharati Oraw	Sukra Oraw	Gobindapur, Mahesh Pur	Bamongola	Malda
798	Khoki Minji	Kartik Minji	Gobindapur, Mahesh Pur	Bamongola	Malda
799	Mitali Oraw	Laxini Oraw	Gobindapur, Mahesh Pur	Bamongola	Malda
800	Purnima Minji	Kartik Minji	Gobindapur, Mahesh Pur	Bamongola	Malda
801	Moumita Oraw	Dharani Oraw	Gobindapur, Mahesh Pur	Bamongola	Malda
802	Archana Kuzur	Baidyanath Kuzur	Gobindapur, Mahesh Pur	Bamongola	Malda
803	Sefali Kuzur	Baidyanath Kuzur	Gobindapur, Mahesh Pur	Bamongola	Malda
804	Jharna Kuzur	Ranjit Kuzur	Gobindapur, Mahesh Pur	Bamongola	Malda
805	Kesobati Kuzur	Sushil Kuzur	Gobindapur, Mahesh Pur	Bamongola	Malda
806	Bharati Oraw	Mongal Oraw	Gobindapur, Mahesh Pur	Bamongola	Malda
807	Chinta Moni Oraw	Kalipada Oraw	Gobindapur, Mahesh Pur	Bamongola	Malda
808	Laxmi Kuzur	Balaram Kuzur	Gobindapur, Mahesh Pur	Bamongola	Malda
809	Bijoya Kuzur	Balaram Kuzur	Gobindapur, Mahesh Pur	Bamongola	Malda
810	Taraoni Oraw	Huripada Oraw	Gobindapur, Mahesh Pur	Bamongola	Malda
811	Banamala Oraw	Dilip Oraw	Gobindapur, Mahesh Pur	Bamongola	Malda
812	Depali Oraw	Haripada Oraw	Gobindapur, Mahesh Pur	Bamongola	Malda
813	Bhimli Oraw	Manindra Oraw	Gobindapur, Mahesh Pur	Bamongola	Malda
814	Chinta Moni Oraw	Bipin Oraw	Gobindapur, Mahesh Pur	Bamongola	Malda

815	Joyenti Oraw	Anil Oraw	Gobindapur, Mahesh Pur	Bamongola	Malda
816	Rina Oraw	Sarkar Oraw	Gobindapur, Mahesh Pur	Bamongola	Malda
817	Rekha Bani Oraw	Raju Oraw	Gobindapur, Mahesh Pur	Bamongola	Malda
818	Sampa Oraw	Bhudua Oraw	Gobindapur, Mahesh Pur	Bamongola	Malda
819	Archana Oraw	Krishna Oraw	Gobindapur, Mahesh Pur	Bamongola	Malda
820	Ruma Oraw	Mahendra Oraw	Gobindapur, Mahesh Pur	Bamongola	Malda
821	Padma Oraw	Gopal Oraw	Gobindapur, Mahesh Pur	Bamongola	Malda
822	Anjali Oraw	Ananda Oraw	Gobindapur, Mahesh Pur	Bamongola	Malda
823	Bishni Oraw	Churku Oraw	Gobindapur, Mahesh Pur	Bamongola	Malda
824	Bisho Oraw	Bunda Oraw	Gobindapur, Mahesh Pur	Bamongola	Malda
825	Rita Oraw	Kalipada Oraw	Gobindapur, Mahesh Pur	Bamongola	Malda
826	Chhabi Mahato	Madan Mahato	Gobindapur, Mahesh Pur	Bamongola	Malda
827	Sabitri Mahato	Delip Mahato	Gobindapur, Mahesh Pur	Bamongola	Malda
828	Selina Bibi	Munsur Mia	Gobindapur, Mahesh Pur	Bamongola	Malda
829	Nurbanu Bibi	Anisur Mia	Gobindapur, Mahesh Pur	Bamongola	Malda
830	Majeda Bibi	Safiruddin Mondal	Gobindapur, Mahesh Pur	Bamongola	Malda
831	Anju Bibi	Saiful Mia	Gobindapur, Mahesh Pur	Bamongola	Malda
832	Nilufa Khatun	Dased Mondal	Gobindapur, Mahesh Pur	Bamongola	Malda
833	Manju Bibi	Mabarak Mondal	Gobindapur, Mahesh Pur	Bamongola	Malda
834	Rina Bibi	Majidur Mondal	Gobindapur, Mahesh Pur	Bamongola	Malda
835	Rajeda Bibi	Anarul Mondal	Gobindapur, Mahesh Pur	Bamongola	Malda
836	Babli Bibi	Minarul Mondal	Gobindapur, Mahesh Pur	Bamongola	Malda
837	Fulmoni Murmu	Manja Murmu	Gobindapur, Mahesh Pur	Bamongola	Malda
838	Rajena Tudu	Manja Murmu	Gobindapur,	Bamongola	Malda

			Maresh Pur		
839	Sumitra Besra	Sunil Murmu	Gobindapur, Maresh Pur	Bamongola	Malda
840	Mallika Tudu	Sarkar Tudu	Gobindapur, Maresh Pur	Bamongola	Malda
841	Hopanmai Hembram	Sarkar Tudu	Gobindapur, Maresh Pur	Bamongola	Malda
842	Marinia Soren	Shymal Tudu	Gobindapur, Maresh Pur	Bamongola	Malda
843	Chhabi Pal	Delip Pal	Gobindapur, Maresh Pur	Bamongola	Malda
844	Falguni Barman	Kalyan Roy	Gobindapur, Maresh Pur	Bamongola	Malda
845	Fuchi Chowdhury	Sankar Chowdhury	Gobindapur, Maresh Pur	Bamongola	Malda
846	Sabita Roy Bala	Dhruba Bala	Gobindapur, Maresh Pur	Bamongola	Malda
847	Anima Sarkar	Prabhash Sarkar	Gobindapur, Maresh Pur	Bamongola	Malda
848	Pramila Mondal	Ananta Mondal	Gobindapur, Maresh Pur	Bamongola	Malda
849	Shila Biswas	Aditya Sarkar	Gobindapur, Maresh Pur	Bamongola	Malda
850	Sahagi Sutradhar	Prabhash Sutradhar	Gobindapur, Maresh Pur	Bamongola	Malda
851	Kapu Murmu	Mongal Soren	Gobindapur, Maresh Pur	Bamongola	Malda
852	Sukhi Soren	Sibu Murmu	Gobindapur, Maresh Pur	Bamongola	Malda
853	Rita Tudu	Binoy Murmu	Gobindapur, Maresh Pur	Bamongola	Malda
854	Debjani Murmu	Suren Hansda	Gobindapur, Maresh Pur	Bamongola	Malda
855	Sabinia Tudu	Pathrah Tudu	Gobindapur, Maresh Pur	Bamongola	Malda
856	Nirupama Roy	Madhusudan Roy	Gobindapur, Maresh Pur	Bamongola	Malda
857	Anamika Mondal	Gautam Mondal	Gobindapur, Maresh Pur	Bamongola	Malda
858	Sagari Barman	Niren Barman	Gobindapur, Maresh Pur	Bamongola	Malda
859	Dipika Mondal	Ramen Mondal	Gobindapur, Maresh Pur	Bamongola	Malda
860	Nargis Bibi	Sahidur Mondal	Gobindapur, Maresh Pur	Bamongola	Malda
861	Aktari Khatun	Suleman Mondal	Gobindapur, Maresh Pur	Bamongola	Malda

862	Hameda Bibi	Haziruddian Ondal	Gobindapur, Mahesh Pur	Bamongola	Malda
863	Manoyara Khatun	Mabarak Mondal	Gobindapur, Mahesh Pur	Bamongola	Malda
864	Marufa Khatun	Based Mondal	Gobindapur, Mahesh Pur	Bamongola	Malda
865	Niyati Halder	Sankar Halder	Gobindapur, Mahesh Pur	Bamongola	Malda
866	Serina Bibi	Aktar Chowdhury	Gobindapur, Mahesh Pur	Bamongola	Malda
867	Taslima Bibi	Amzad Chowdhury	Gobindapur, Mahesh Pur	Bamongola	Malda
868	Sanima Barman	Dushu Barman	Gobindapur, Mahesh Pur	Bamongola	Malda
869	Jahera Bibi	Bablu Mondal	Gobindapur, Mahesh Pur	Bamongola	Malda
870	Merina Bibi	Akimuddin Molla	Gobindapur, Mahesh Pur	Bamongola	Malda
871	Azmita Khatun	Akimuddin Molla	Gobindapur, Mahesh Pur	Bamongola	Malda
872	Rahana Banu Bibi	Saiful Sekh	Gobindapur, Mahesh Pur	Bamongola	Malda
873	Sabnur Khatun	Saiful Sekh	Gobindapur, Mahesh Pur	Bamongola	Malda
874	Saidul Molla	Ashiruddin Molla	Gobindapur, Mahesh Pur	Bamongola	Malda
875	Saheda Bibi	Saidul Molla	Gobindapur, Mahesh Pur	Bamongola	Malda
876	Moktarul Molla	Jiaruddin Molla	Gobindapur, Mahesh Pur	Bamongola	Malda
877	Rajina Bibi	Moktarul Molla	Gobindapur, Mahesh Pur	Bamongola	Malda
878	Rohit Molla	Moktarul Molla	Gobindapur, Mahesh Pur	Bamongola	Malda
879	Mamata Bewa	Safiruddin Sekh	Gobindapur, Mahesh Pur	Bamongola	Malda
880	Aklima Bibi	Nasiruddin Molla	Gobindapur, Mahesh Pur	Bamongola	Malda
881	Mobarak Molla	Nasiruddin Molla	Gobindapur, Mahesh Pur	Bamongola	Malda
882	Matin Sekh	Hokamuddin Molla	Gobindapur, Mahesh Pur	Bamongola	Malda
883	Mahasin Mia	Jiaruddin Molla	Gobindapur, Mahesh Pur	Bamongola	Malda
884	Reba Khatun	Mahasin Mia	Gobindapur, Mahesh Pur	Bamongola	Malda
885	Razia Bibi	Fajul Molla	Gobindapur,	Bamongola	Malda

			Mahesh Pur		
886	Fajul Molla	Sutku Molla	Gobindapur, Mahesh Pur	Bamongola	Malda
887	Sadhana Kuzur	Samir Kuzur	Gobindapur, Mahesh Pur	Bamongola	Malda
888	Aribindhu Pal Chowdury	Ajit Pal Choudhury	Gobindapur, Mahesh Pur	Bamongola	Malda
889	Chaina Rajbanshi	Gopinath Rajbanshi	Gobindapur, Mahesh Pur	Bamongola	Malda
890	Santana Mahato	Sudev Nahato	Gobindapur, Mahesh Pur	Bamongola	Malda
891	Serina Khatun	Hamidur Mondal	Gobindapur, Mahesh Pur	Bamongola	Malda
892	Gouri Mondal Mahato	Joytish Nahato	Gobindapur, Mahesh Pur	Bamongola	Malda
893	Kabita Bibi	Mabaral Rahaman	Gobindapur, Mahesh Pur	Bamongola	Malda
894	Tapash Sarkar	Gopinath Sarkar	Gobindapur, Mahesh Pur	Bamongola	Malda
895	Padma Mahato	Binoy Mahato	Gobindapur, Mahesh Pur	Bamongola	Malda
896	Santana Mirdha	Satyajit Mirdha	Gobindapur, Mahesh Pur	Bamongola	Malda
897	Ruma Podda Sha	Biplab Saha	Gobindapur, Mahesh Pur	Bamongola	Malda
898	Parbati Mahata	Dulal Mahata	Gobindapur, Mahesh Pur	Bamongola	Malda
899	Kalpana Mahato	Mantu Mahato	Gobindapur, Mahesh Pur	Bamongola	Malda
900	Bina Oraon	Tufanu Oraon	Gobindapur, Mahesh Pur	Bamongola	Malda
901	Sujanta Lakra	Rabin Oraon	Gobindapur, Mahesh Pur	Bamongola	Malda
902	Sama Lakra	Bijoy Lakra	Gobindapur, Mahesh Pur	Bamongola	Malda
903	Rabin Oraon	Baidynath Oraon	Gobindapur, Mahesh Pur	Bamongola	Malda
904	Sita Oraon	Bishu Oraon	Gobindapur, Mahesh Pur	Bamongola	Malda
905	Bachhan Oraon	Bishu Oraon	Gobindapur, Mahesh Pur	Bamongola	Malda
906	Rekha Oraon	Bachhan Oraon	Gobindapur, Mahesh Pur	Bamongola	Malda
907	Swara Dathi Mirdha	Amar Mirdha	Gobindapur, Mahesh Pur	Bamongola	Malda
908	Rupali Mirdha	Shyamal Mirdha	Gobindapur, Mahesh Pur	Bamongola	Malda

909	Tufanu Oraon	Bishu Oraon	Gobindapur, Mahesh Pur	Bamongola	Malda
910	Samar Lakra	Bishu Lakra	Gobindapur, Mahesh Pur	Bamongola	Malda
911	Mano Oraon (Mirdha)	Sukumar Oraon	Gobindapur, Mahesh Pur	Bamongola	Malda
912	Golapi Miridha	Pulu Miridha	Gobindapur, Mahesh Pur	Bamongola	Malda
913	Tulika Dhar	Rakhahari Dhar	Gobindapur, Mahesh Pur	Bamongola	Malda
914	Shipra Bairagi	Sushil Bairagi	Gobindapur, Mahesh Pur	Bamongola	Malda

Audited Utilization Certificate (UC)

(For Financial Year ...**2019-20** for the period from **29th November, 2019** to **31st March, 2020**)

(Rupees figures given in UC are shown in Lakhs)

1. Title of the Project/Scheme : "Expansion of Activities of Biotech-KISAN Hub in Five Aspirational Districts (Nadia, Murshidabad, Birbhum, Maldah and Dakshin Dinajpur) of West Bengal".
2. Name of the Organization : West Bengal University of Animal and Fisheries Sciences
3. Principal Investigator : **DR KESHAB CHANDRA DHARA**
4. Deptt. of Biotechnology Sanction Order No. & date of sanctioning the project : **BT/KIS/123/SP35985/2019 dated 29.11.2019**
5. Amount brought forward from the previous financial year (Please also provide DBT letter No. & date in which the permission to carry forward the said amount was given by DBT) :
(i) Amount Rs **Nil**
(ii) Letter No. **Nil**
(iii) Date **Nil**
6. Amount received from DBT during the current financial year (***please also give order No. and date(s) of sanction order(s) showing the amounts released by DBT***) :
Rs 124.64 lakhs vide order **BT/KIS/123/SP35985/2019 dated 29.11.2019**
7. Details of other receipts/ interest earned on the DBT grants : **Nil**
8. Total amount that was available for Expenditure during the financial year (Sl. Nos. 5, 6 and 7) : **124.64 Lakhs**
9. Actual expenditure (**excluding commitments**) incurred during the current financial year (head wise details should be given in enclosed statement of expenditure) : **15.37187 Lakhs**
10. Unspent balance refunded, if any (Please give details of cheque No. etc.) : **Nil**
11. Balance amount available at the end of the current financial year : **109.26813 Lakhs**
12. Amount allowed to be carried forward to the next financial year vide letter No. & date : **109.26813 Lakhs**

- (i) Certified that the amount of Rs. 15.37187 lakhs of grant-in-aid mentioned against col. 9 has been utilised on the project/scheme for the purpose for which it was sanctioned and that the balance of Rs. 109.26813 lakhs remaining unutilized at the end of the year has been surrendered to Govt. (vide No. _____ dated _____)/will be adjusted towards the grants-in-aid payable during the next year.
- (ii) Certified that I have satisfied myself that the conditions on which the grants-in-aid was sanctioned have been duly fulfilled/are being fulfilled and that I have exercised the following checks to see that the money was actually utilised for the purpose for which it was sanctioned.

Kinds of checks exercised:

1. Stock Register
2. Bill Register
3. Bill and Vouchers
4. Cash Register


(SIGNATURE & STAMP
OF PROJECT INVESTIGATOR)

Principal Investigator
DBT Project on
"Establishment of Biotech-KISAN Hub at
WBUAFS, Kolkata"
Directorate of Research, Extension and Farms
WBUAFS, 37, K.B. Sarani, Kolkata-700037


(SIGNATURE & STAMP OF
FINANCE & ACCOUNTS OFFICER)

Finance Officer
West Bengal University of
Animal & Fishery Sciences
Kolkata-37


(SIGNATURE AND STAMP OF
EXECUTIVE HEAD OF THE INSTITUTION)

DIRECTOR
Directorate of Research, Extension & Farms
W.B. University of Animal & Fishery Sciences
Independent Auditor's Report
37 & 68, K.B. Sarani, Kolkata - 700037

We have audited the receipts and payments accounts from the summarised expenditure statement for the period from 1st April 2019 to 31st March, 2020. Report that the preparations of the financial statements are the responsibility of the Principal Investigator and our responsibility is to express an opinion on that on the basis of our audit, and the audit includes examining on the test basis the records with the evidences and supporting documents as produced before us for the financial statements and subject to the matters emphasised and other matters of interests. The statements are free from any material wrong statement and we believe that our audit provides a reasonable basis for our opinion and the statement presents the correct state of affairs of the project.

(To be countersigned by the DBT Officer-in-charge)



Audited Statement of Expenditure (SE)

(Referred to in para 9 of the Utilization Certificate)

Showing grants received the Department of Biotechnology and the expenditure incurred during the Financial year 2019-20. for the period from 29th November, 2019 to 31st March, 2020.

(Rupees figures given in SE are shown in lakhs)

S. No.	Budget Heads	Unspent Balance carried forward from previous financial year	Grant received from DBT during the financial year	Details of other receipts/ interest earned on the DBT grants	Total grant available (Sum of Column 3+4+5)	Actual expenditure (excluding commitments) incurred during the financial year	Balance amount available (Column 6-7)	Remarks (If any)
1	2	3	4	5	6	7	8	9
A. Non-Recurring								
1.	Equipment	0	10	0	10	3.999	6.0010	
2.	Other							
B. Recurring								
1.	Recurring	0	70	0	70	1.24709	68.75291	
2.	Cost for implementing two activities at farmers' level @ ₹ 5.00 lakhs each activity*	0	5	0	5	5	0	
3.	Budget for Farmers' Training	0	10	0	10	0.31784	9.68216	
4.	Budget for Manpower	0	29.64	0	29.64	4.80794	24.83206	
5.	Details of other receipts/ interest earned on the DBT grants	0	0	0	0	0	0	
Grand Total (A+B):		0	124.64	0	124.64	15.37187	109.26813	

(SIGNATURE & STAMP OF PROJECT INVESTIGATOR)

Principal Investigator
DBT Project on*Establishment of Biotech-KISAN Hub at
WBUAFS, Kolkata*Directorate of Research, Extension and Farms
WBUAFS, 37, K.B. Sarani, Kolkata-700037

(SIGNATURE AND STAMP OF EXECUTIVE HEAD OF THE INSTITUTION)

Independent Auditor's Report

(SIGNATURE & STAMP OF FINANCE & ACCOUNTS OFFICER)

Finance Officer

West Bengal University of
Animal & Fishery Sciences
Kolkata-37

We have audited the receipts and payments accounts from the summarised expenditure statement for the period from 1st April 2019 to 31st March, 2020. Report that the preparations of the financial statements are the responsibility of the Principal Investigator and our responsibility is to express an opinion on that on the basis of our audit, and the audit includes examining on the test basis the records with the evidences and supporting documents as produced before us for the financial statements and subject to the matters emphasised and other matters of interests. The statements are free from any material wrong statement and we believe that our audit provides a reasonable basis for our opinion and the statement presents the correct state of affairs of the project.



Utilization Certificate (UC)

(For Financial Year ...**2020-21** for the period from **1st APRIL, 2020** to **15th OCTOBER, 2020**)

(Rupees figures given in UC are shown in Lakhs)


1. Title of the Project/Scheme **“Expansion of Activities of Biotech-KISAN Hub in Five Aspirational Districts (Nadia, Murshidabad, Birbhum, Maldah and Dakshin Dinajpur) of West Bengal”.**
2. Name of the Organization **West Bengal University of Animal and Fisheries Sciences** :
3. Principal Investigator **DR KESHAB CHANDRA DHARA** :
4. Deptt. of Biotechnology Sanction Order No. & date of sanctioning the project **BT/KIS/123/SP35985/2019 dated 29.11.2019** :
5. Amount brought forward from the previous financial year (Please also provide DBT letter No. & date in which the permission to carry forward the said amount was given by DBT)
 - (i) Amount Rs **109.26813 Lakhs**
 - (ii) Letter No. **Nil**
 - (iii) Date **Nil**
6. Amount received from DBT during the current financial year (***please also give order No. and date(s) of sanction order(s) showing the amounts released by DBT***) :
Rs 109.26813 Lakhs
7. Details of other receipts/ interest earned on the DBT grants : **Nil***
8. Total amount that was available for Expenditure during the financial year (Sl. Nos. 5, 6 and 7) : **109.26813 Lakhs**
9. Actual expenditure (**excluding commitments**) incurred during the current financial year (head wise details should be given in enclosed statement of expenditure) : **34.32237Lakhs**
10. Unspent balance refunded, if any (*Please give details of cheque No. etc.*) : **Nil**
11. Balance amount available at the 15th October current financial year : **74.94576 Lakhs**
12. Amount allowed to be carried forward to the next days vide letter No. & date : **74.94576 Lakhs**

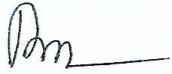
- (i) Certified that the amount of Rs. **34.32237 Lakhs** of grant-in-aid mentioned against col. 9 has been utilised on the project/scheme for the purpose for which it was sanctioned and that the balance of Rs. **74.94576** lakhs remaining unutilized at the end of the 15th October has been ~~surrendered to Govt.~~ (vide No. _____ dated _____)/will be adjusted towards the grants-in-aid payable during the next year.
- (ii) Certified that I have satisfied myself that the conditions on which the grants-in-aid was sanctioned have been duly fulfilled/are being fulfilled and that I have exercised the following checks to see that the money was actually utilised for the purpose for which it was sanctioned.

Kinds of checks exercised:

1. Stock Register
2. Bill Register
3. Bill and Vouchers
4. Cash Register


(SIGNATURE & STAMP
OF PROJECT INVESTIGATOR
Principal Investigator
DBT Project on
"Establishment of Biotech-KISAN Hub at
WBUAFS, Kolkata"
Directorate of Research, Extension and Farms
WBUAFS, 37, K.B. Sarani, Kolkata-700037


(SIGNATURE & STAMP OF
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Finance Officer
West Bengal University of
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Kolkata-37


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EXECUTIVE HEAD OF THE INSTITUTION)
DIRECTOR
Directorate of Research, Extension & Farms
W.B. University of Animal & Fishery Sciences
37 & 68, K.B. Sarani, Kolkata - 700037

(To be countersigned by the DBT Officer-in-charge)


Statement of Expenditure (SE)


(Referred to in para 9 of the Utilization Certificate)

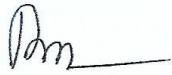
Showing grants received the Department of Biotechnology and the expenditure incurred during the Financial year **2020-21**. for the period from 1st April 2020 to 15th October, **2020**.**(Rupees figures given in SE are shown in lakhs)**

S. No.	Budget Heads	Unspent Balance carried forward from previous financial year	Grant received from DBT during the financial year	Details of other receipts/ interest* earned on the DBT grants	Total grant available (Sum of Column 3+4+5)	Actual expenditure (excluding commitments) incurred during the financial year	Balance amount available (Column 6-7)	Remarks (If any)
1	2	3	4	5	6	7	8	9
A. Non-Recurring								
1.	Equipment	6.0010	0	0	6.0010	6.496	(-) 0.4950	
2.	Other							
B. Recurring								
1.	Recurring	68.75291	0	0	68.75291	6.62752	62.12539	
2.	Cost for implementing two activities at farmers' level @₹ 5.00 lakhs each activity*	0	0	0	0	0	0	
3.	Budget for Farmers' Training	9.68216	0	0	9.68216	4.92764	4.75452	
4.	Budget for Manpower	24.83206	0	0	24.83206	16.27121	8.56085	
Grand Total (A+B):		109.26813	0	0	109.26813	34.32237	74.94576	

***Interest earned has not been given as it is provided on submission of final UC**


(SIGNATURE & STAMP OF PROJECT INVESTIGATOR)
 Principal Investigator
 DBT Project on
 "Establishment of Biotech-KISAN Hub at WBUAFS, Kolkata"
 Directorate of Research, Extension and Farms
 WBUAFS, 37, K.B. Sargani, Kolkata-700032


(SIGNATURE & STAMP OF FINANCE & ACCOUNTS OFFICER)
 Finance Officer
 West Bengal University of
 Animal & Fishery Sciences
 Kolkata-37


(SIGNATURE AND STAMP OF EXECUTIVE HEAD OF THE INSTITUTION)

DIRECTOR
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