



**PROJECT PROPOSAL ON HUMAN  
RESOURCE DEVELOPMENT IN  
FISHERY SECTOR OF BIRBHUM  
DISTRICT, WEST BENGAL**

**PROPOSED BY**

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**Palli Siksha Bhavana**

**Visva-Bharati**

**Sriniketan, P. O. – Sriniketan,**

**Dist. - Birbhum, Pin. - 731236**

**West Bengal**

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## **Background Information for the Fishery Project for Birbhum District**

### **Fish Seed Production in the District of Birbhum during 2010-11**

174.00 million Numbers.

### **Fish Production in the District of Birbhum during 2010-11**

65045.00 tons

### **Fisher Folk Population in the District of Birbhum in 2010-11**

- a) Number of fishing Villages :- 483
- b) Number of Fisher Folk Families:- 37162
- c) Fisher Folk Population: - i. Male: - 113526; ii. Female: - 87221 and iii. Total:- 200747

### **Number of Privately owned IMC Hatcheries in the District of Birbhum in 2010-11**

07 (Seven)

### **Numbers of Primary Fishermen's Cooperative Societies in the District of Birbhum in 2010-11**

10 (Ten)

Source: - Annual Report 2010-11, Department of Fisheries, Govt. of West Bengal.

### **DISTRICT PROFILE IN RESPECT OF FISHERIES SECTOR IN BIRBHUM DISTRICT**

<b>A) FISHERY RESOURCES IN BIRBHUM</b>	<b>B) DEMAND &amp; PRODUCTION OF FISH SEED AND TABLE FISH</b>
<b>Total tanks - 21376.87 ha.</b>	<b>Total annual demand of table fish - 65537.12 M.T</b>
<b>Vested (whole) - 817.32 ha.</b>	<b>Total annual production of table fish - 63385.60 M.T.</b>
<b>Vested (Partial) - 425.04 ha.</b>	<b>Total annual demand of fish seed -</b> <b>Spawn - 450.86 Million</b> <b>Fry - 197.52 Million</b> <b>Fingerlings - 137.07 Million</b>
<b>Private ownership - 20134.51 ha.</b>	
<b>Culturable - 14833.80 ha.</b>	
<b>Semi-derelict - 4798.09 ha.</b>	

<b>Derelict - 1744.98 ha.</b>	<b>Total annual production of fish seed -</b>
<b>Beel and Baor - 632.16 ha.</b>	
<b>Reservoir - 9416.53 ha.</b>	
<b>River - 795.63 ha.</b>	
<b>Canal – 5696.85 ha.</b>	<b>Spawn - 335.32 Million</b>
<b>Total fishermen - 200747 nos.</b>	<b>Fry - 198.03 Million</b>
<b>Total Fishermen Families - 49751 nos.</b>	<b>Fingerling - 127.09 Million</b>
<b>Fishermen Co-operative Society - 40</b> <b>( Functioning - 14 nos.)</b>	
<b>Central fishermen Co-operative Society - 1</b>	
<b>Fish seed hatchery – 13 nos. (11 nos. Reg.)</b>	

**Source:-** Office of the Assistant Director of Fisheries, Birbhum and Office of the Chief Executive Officer, Fish Farmers Development Agency, 2014 – 15.

**Internet Source:** - [birbhum.gov.in/FISHERY/fishery.htm](http://birbhum.gov.in/FISHERY/fishery.htm)

**N. B.:-** From the above mentioned data, it is clear that the Birbhum District has a huge potential as far as the prospects of pisciculture is concerned. However, the fish farmers of the district urgently need training on improved methodology and management practices on scientific pisciculture in their waterbodies owned or leased. So the Rathindra KVK proposes to conduct 5 (five) residential, skill and entrepreneurship development Training Programmes of 5 (five) days duration each with 20 (twenty) Trainees from practicing fish farmers and rural youths category in each course on the five different topics viz. 1. Carp Seed Rearing and Nursery Pond Management; 2. Preparation of Scientific Fish Feed (Granular / Pellet) and Its Method of Application in Ponds; 3. Culture of Pabda Fish with Carps; 4. Management and Breeding of Ornamental Fish and 5. Culture and Management of Magur, Singhi and Koi (*Anabas sp.*).

## **I. Project Proposal on Human Resource Development through Training of Practicing Farmers and Rural Youths on the Topic “Carp Seed Rearing and Nursery Pond Management”**

The Rathindra Krishi Vigyan Kendra is going to organize 1 (one) residential, skill and entrepreneurship development Training Programmes of 5 (five) days duration with 20 (twenty) Trainees from practicing fish farmers and rural youths category on the Topic Carp Seed Rearing and Nursery Pond Management. The total expenditure for conducting this Training Programmes will be Rs. 33,500.00 (Rupees Thirty Three Thousands Five Hundreds) only. The detailed break-up of the proposed expenditure is given hereunder.

<b>Sl. No.</b>	<b>Venue of the Training Programme</b>	<b>Particulars</b>	<b>Rate</b>	<b>Expenditure</b>
01.	Rathindra KVK Campus, Palli Siksha Bhavana, Visva-Bharati, Sriniketan, Birbhum – 731236, West Bengal	A. Expenditure for foods (Morning Tea + Break Fast + Lunch + Evening Tea + Tiffin + Dinner) of the Trainees	Rs. 150.00 / Day / Trainee	Rs. 15,000.00
B. Travelling Allowances for Trainees		Rs. 500.00 / Trainee for a Single training Course	Rs. 10,000.00	
C. Honorarium for Resource Person		Rs. 500.00 / Person / Class Room or Field Training	Rs. 500.00	
D. Travelling Allowance for Resource Person		Rs. 500.00 / Person / Class Room or Field Training	Rs. 500.00	
E. Institutional Charges for Publishing Extension Literatures, Preparation of Training Materials, Identification and Mobilization of the Trainees and POL and Miscellenaneous Expenditure		Rs. 75.00 / Trainee / Day	Rs. 7,500.00	
<b>Total</b>				<b>Rs. 33,500.00</b>

## II. Project Proposal on Human Resource Development through Training of Practicing Farmers and Rural Youths on the Topic “Preparation of Scientific Fish Feed (Granular / Pellet) and Its Method of Application in Ponds”

The Rathindra Krishi Vigyan Kendra is going to organize 1 (one) residential, skill and entrepreneurship development Training Programmes of 5 (five) days duration with 20 (twenty) Trainees from practicing fish farmers and rural youths category on the Topic Preparation of Scientific Fish Feed (Granular / Pellet) and Its Method of Application in Ponds. The total expenditure for conducting this Training Programmes will be Rs. 33,500.00 (Rupees Thirty Three Thousands Five Hundreds) only. The detailed break-up of the proposed expenditure is given hereunder.

Sl. No.	Venue of the Training Programme	Particulars	Rate	Expenditure
01.	Rathindra KVK Campus, Palli Siksha Bhavana, Visva-Bharati, Sriniketan, Birbhum – 731236, West Bengal	A. Expenditure for foods (Morning Tea + Break Fast + Lunch + Evening Tea + Tiffin + Dinner) of the Trainees	Rs. 150.00 / Day / Trainee	Rs. 15,000.00
B. Travelling Allowances for Trainees		Rs. 500.00 / Trainee for a Single training Course	Rs. 10,000.00	
C. Honorarium for Resource Person		Rs. 500.00 / Person / Class Room or Field Training	Rs. 500.00	
D. Travelling Allowance for Resource Person		Rs. 500.00 / Person / Class Room or Field Training	Rs. 500.00	
E. Institutional Charges for Publishing Extension Literatures, Preparation of Training Materials, Identification and Mobilization of the Trainees and POL and Miscellenaneous Expenditure		Rs. 75.00 / Trainee / Day	Rs. 7,500.00	
<b>Total</b>				<b>Rs. 33,500.00</b>

### **III. Project Proposal on Human Resource Development through Training of Practicing Farmers and Rural Youths on the Topic “Culture of Pabda Fish with Carps”**

The Rathindra Krishi Vigyan Kendra is going to organize 1 (one) residential, skill and entrepreneurship development Training Programmes of 5 (five) days duration with 20 (twenty) Trainees from practicing fish farmers and rural youths category on the Topic Culture of Pabda Fish with Carps. The total expenditure for conducting this Training Programmes will be Rs. 33,500.00 (Rupees Thirty Three Thousands Five Hundreds) only. The detailed break-up of the proposed expenditure is given hereunder.

<b>Sl. No.</b>	<b>Venue of the Training Programme</b>	<b>Particulars</b>	<b>Rate</b>	<b>Expenditure</b>
01.	Rathindra KVK Campus, Palli Siksha Bhavana, Visva-Bharati, Sriniketan, Birbhum – 731236, West Bengal	A. Expenditure for foods (Morning Tea + Break Fast + Lunch + Evening Tea + Tiffin + Dinner) of the Trainees	Rs. 150.00 / Day / Trainee	Rs. 15,000.00
B. Travelling Allowances for Trainees		Rs. 500.00 / Trainee for a Single training Course	Rs. 10,000.00	
C. Honorarium for Resource Person		Rs. 500.00 / Person / Class Room or Field Training	Rs. 500.00	
D. Travelling Allowance for Resource Person		Rs. 500.00 / Person / Class Room or Field Training	Rs. 500.00	
E. Institutional Charges for Publishing Extension Literatures, Preparation of Training Materials, Identification and Mobilization of the Trainees and POL and Miscellenaneous Expenditure		Rs. 75.00 / Trainee / Day	Rs. 7,500.00	
<b>Total</b>				<b>Rs. 33,500.00</b>

#### **IV. Project Proposal on Human Resource Development through Training of Practicing Farmers and Rural Youths on the Topic “Management and Breeding of Ornamental Fish”**

The Rathindra Krishi Vigyan Kendra is going to organize 1 (one) residential, skill and entrepreneurship development Training Programmes of 5 (five) days duration with 20 (twenty) Trainees from practicing fish farmers and rural youths category on the Topic Management and Breeding of Ornamental Fish. The total expenditure for conducting this Training Programmes will be Rs. 33,500.00 (Rupees Thirty Three Thousands Five Hundreds) only. The detailed break-up of the proposed expenditure is given hereunder.

<b>Sl. No.</b>	<b>Venue of the Training Programme</b>	<b>Particulars</b>	<b>Rate</b>	<b>Expenditure</b>
01.	Rathindra KVK Campus, Palli Siksha Bhavana, Visva-Bharati, Sriniketan, Birbhum – 731236, West Bengal	A. Expenditure for foods (Morning Tea + Break Fast + Lunch + Evening Tea + Tiffin + Dinner) of the Trainees	Rs. 150.00 / Day / Trainee	Rs. 15,000.00
B. Travelling Allowances for Trainees		Rs. 500.00 / Trainee for a Single training Course	Rs. 10,000.00	
C. Honorarium for Resource Person		Rs. 500.00 / Person / Class Room or Field Training	Rs. 500.00	
D. Travelling Allowance for Resource Person		Rs. 500.00 / Person / Class Room or Field Training	Rs. 500.00	
E. Institutional Charges for Publishing Extension Literatures, Preparation of Training Materials, Identification and Mobilization of the Trainees and POL and Miscellaneous Expenditure		Rs. 75.00 / Trainee / Day	Rs. 7,500.00	
<b>Total</b>				<b>Rs. 33,500.00</b>

**V. Project Proposal on Human Resource Development through Training of Practicing Farmers and Rural Youths on the Topic “Culture and Management of Magur, Singhi and Koi (*Anabas sp.*)”**

The Rathindra Krishi Vigyan Kendra is going to organize 1 (one) residential, skill and entrepreneurship development Training Programmes of 5 (five) days duration with 20 (twenty) Trainees from practicing fish farmers and rural youths category on the Topic Culture and Management of Magur, Singhi and Koi (*Anabas sp.*). The total expenditure for conducting this Training Programmes will be Rs. 33,500.00 (Rupees Thirty Three Thousands Five Hundreds) only. The detailed break-up of the proposed expenditure is given hereunder.

<b>Sl. No.</b>	<b>Venue of the Training Programme</b>	<b>Particulars</b>	<b>Rate</b>	<b>Expenditure</b>
01.	Rathindra KVK Campus, Palli Siksha Bhavana, Visva-Bharati, Sriniketan, Birbhum – 731236, West Bengal	A. Expenditure for foods (Morning Tea + Break Fast + Lunch + Evening Tea + Tiffin + Dinner) of the Trainees	Rs. 150.00 / Day / Trainee	Rs. 15,000.00
B. Travelling Allowances for Trainees		Rs. 500.00 / Trainee for a Single training Course	Rs. 10,000.00	
C. Honorarium for Resource Person		Rs. 500.00 / Person / Class Room or Field Training	Rs. 500.00	
D. Travelling Allowance for Resource Person		Rs. 500.00 / Person / Class Room or Field Training	Rs. 500.00	
E. Institutional Charges for Publishing Extension Literatures, Preparation of Training Materials, Identification and Mobilization of the Trainees and POL and Miscellenaneous Expenditure		Rs. 75.00 / Trainee / Day	Rs. 7,500.00	
<b>Total</b>			<b>Rs. 33,500.00</b>	

**Total Project Costs for on Human Resource Development through  
Training of Practicing Farmers and Rural Youths of Birbhum District,  
West Bengal**

The Rathindra Krishi Vigyan Kendra proposes to conduct 5 (five) residential, skill and entrepreneurship development Training Programmes of 5 (five) days duration each with 20 (twenty) Trainees from practicing fish farmers and rural youths category in each course on the five different topics viz. 1. Carp Seed Rearing and Nursery Pond Management; 2. Preparation of Scientific Fish Feed (Granular / Pellet) and Its Method of Application in Ponds; 3. Culture of Pabda Fish with Carps; 4. Management and Breeding of Ornamental Fish and 5. Culture and Management of Magur, Singhi and Koi (*Anabas sp.*). The total expenditure for conducting these Five Training Programmes will be Rs. 1,67,500.00 (Rupees One Lakh Sixty Seven Thousand Five Hundreds) only. The detailed break-up of the proposed expenditure is given hereunder.

<b>Sl. No.</b>	<b>Venue of the Training Programme</b>	<b>Topic of the Training Programme</b>	<b>Expenditure</b>
01.	Rathindra KVK Campus, Palli Siksha Bhavana, Visva-Bharati, Sriniketan, Birbhum – 731236, West Bengal	Carp Seed Preparation and Nursery Pond Management	Rs. 33,500.00
		Preparation of Scientific Fish Feed (Granular / Pellet) and Its Method of Application in Ponds	Rs. 33,500.00
		Culture of Pabda Fish with Carps	Rs. 33,500.00
		Management and Breeding of Ornamental Fish	Rs. 33,500.00
		Culture and Management of Magur, Singhi and Koi ( <i>Anabas sp.</i> )	Rs. 33,500.00
		<b>Total</b>	<b>Rs. 1,67,500.00</b>

## Annexure – I

### **List of Proposed Trainees for Human Resource Development through Training Programmes of Practicing Farmers and Rural Youths of Birbhum District, West Bengal**

#### **A. Proposed List of the Trainees for the Human Resource Development through Training of Practicing Farmers and Rural Youths on the Topic “Carp Seed Rearing and Nursery Pond Management”**

<b>Sl. No.</b>	<b>Name</b>	<b>Village</b>	<b>SC/ST/G</b>
1.	Budhadeb Ghosh	Amgoria	G
2.	Tapas Mondal	Bhimpur	G
3.	Santos Ghosh	Amgoria	G
4.	Ramprasad Das	Bishnukhanda	SC
5.	Swaran Das	Bishnukhanda	SC
6.	Nabakumar Das	Mahula	SC
7.	Gopal Mondal	Udaipur (Nanoor)	G
8.	BiswajitMondal	Balta/Batkar	G
9.	Madan Mohan Guin	Salon	G
10.	Sunil Das	Srichandrapur	SC
11.	Dilip Dalui	Durgapur	SC
12.	Bhabani Bagdi	Salon	SC
13.	BholaMurmu	Kankutia	ST
14.	Naran Sadhu	Raipur	G
15.	Nazir Sk.	Khalapapuri	G
16.	Ashutosh Dalui	Durgapur	SC
17.	Sajal Kumar Mandal	Baliswar	G
18.	Tapan Ghosh	Baliswar	G
19.	Bahadur Das	Baliswar	G
20.	Ujjal Ghosh	Baliswar	G

**B. Proposed List of the Trainees for Human Resource Development  
through Training of Practicing Farmers and Rural Youths on the Topic  
“Preparation of Scientific Fish Feed (Granular / Pellet) and Its Method of  
Application in Ponds”**

Sl. No.	Name	Village	SC/ST/G
1.	SatyanaryanMondal	Udaipur (Ramchandrapur)	G
2.	Jiban Kr. Mandal	Sahapur	G
3.	Sk. Badal	Sahapur	G
4.	Rejaul Karim	Sahapur	G
5.	Sk. Fazlul Haque	Selarpur	G
6.	Sk. Sirajul Haque	Thopgram	G
7.	Niranjana Bauri	Thopgram	SC
8.	Siblal Nandi	Namo Sahapur	ST
9.	Ranjit Mukherjee	Poduma	G
10.	Niranjana Ghosh	Poduma	G
11.	Kalicharan Bannerjee	Ramchandrapur	G
12.	Sukanta Ghosh	Bergram	G
13.	Jadab Mete	Srichandrapur	SC
14.	Krishna Charan Ghosh	Mala	G
15.	Apurba Mandal	Bergram	G
16.	Paresh Ghosh	Bergram	G
17.	Arup Roy	Bergram	G
18.	Anup Dutta	Bergram	G
19.	Gopinath Das	Paschim Sandalpur	SC
20.	Lalchand	Sakbari	G

**C. Proposed List of the Trainees for Human Resource Development  
through Training of Practicing Farmers and Rural Youths on the Topic  
“Culture of Pabda Fish with Carps”**

Sl. No.	Name	Village	SC/ST/G
1.	Purnendu Ghosh	Khanjanpur	G
2.	Tapan Ghosh	Bishnibati	G
3.	Bhabatosh Ghosh	Bishnubati	G
4.	Bablu Ghosh	Bandhnabgram	G
5.	Dataram Hansda	Bishnubati (Adivasi para)	ST
6.	Soumen Ghosh	Bahadurpur	G
7.	Nirmal Ghosh	Bahadurpur	G
8.	Avijit Pal	Bahadurpur	G
9.	Pranab Ghosh	Bahadurpur	G
10.	Tanmoy Ghosh	Bahadurpur	G
11.	Sonu Anku	Keshabpur (Kasba)	G
12.	Subhashis Ghosh	Digha	G
13.	Surya Das	Konarpur	SC
14.	Bhabasindhu Ghosh	Naranpur	G
15.	Jiban Das	PaschimSandalpur	SC
16.	Subhas Das	Mahisadahari	SC
17.	LakshmiramTudu	Bishnubati (Adivasi para)	ST
18.	Abu Taher Mallick	Mala	G
19.	Satinath Baski	Durgapur	ST
20.	Monoranjan Ghosh	Bandhnabagram	G

**D. Proposed List of the Trainees for Human Resource Development  
through Training of Practicing Farmers and Rural Youths on the Topic  
“Management and Breeding of Ornamental Fish”**

<b>Sl. No.</b>	<b>Name</b>	<b>Village</b>	<b>SC/ST/G</b>
1.	Mohan Ghosh	Prantik	G
2.	Ujjal Das	Paschim Sandalpur	SC
3.	Prasanta Das	Paschim Sandalpur	SC
4.	Prosenjit Das	Paschim Sandalpur	SC
5.	Nikhil Das	Paschim Sandalpur	SC
6.	Babul Saha	Digha	SC
7.	Raju Ghosh	Digha	G
8.	Gopal Ghosh	Bergram	G
9.	Sanyasi Saha	Bergram	G
10.	BuddhadebMondal	Bergram	G
11.	Partha Ghosh	Bergram	G
12.	Uttam Roy	Bergram	G
13.	Pradip Bhattacharya	Dwaranda	G
14.	Pallab Bhattacharya	Dwaranda	G
15.	Nil Kumar Bagdi	PurbaBatikar	SC
16.	Kari Bagdi	Kurmitha	SC
17.	Deb Bagdi	PaschimBatikar	SC
18.	Palash Saha	Dwaranda	G
19.	Biswajit Hembram	Ramnagar	ST
20.	Chiranjit Sarkar	Ramnagar	G

**E. Proposed List of the Trainees for Human Resource Development  
through Training of Practicing Farmers and Rural Youths on the Topic  
“Culture and Management of Magur, Singhi and Koi (*Anabas sp.*)”**

<b>Sl. No.</b>	<b>Name</b>	<b>Village</b>	<b>SC/ST/G</b>
1.	Bablu Baski	Durgapur	ST
2.	Tapan Kisku	Durgapur	ST
3.	Mohan Hembram	Ghosaldanga	ST
4.	Mangla Tudu	Asadullapur	ST
5.	Sukhodi Mardi	Asadullapur	ST
6.	Nurul Anwar (Suraj)	Kendradangal	G
7.	Abdul Khalek Mondal	Salon	G
8.	Barun Kumar Ruz	Salon	G
9.	Motiur Rahaman	Salon	G
10.	Nurul Absar Mandal	Salon	G
11.	Joydeb Mete	Bantijole	ST
12.	Narayan Das	Bishnukhanda	SC
13.	Nemai Das	Bishnukhanda	SC
14.	Dibyendu Roy Choudhuri	Charkalgram (Nanoor)	G
15.	Gopinath Dalal	Paschim Sandalpur	G
16.	Prosenjit Das	Paschim Sandalpur	SC
17.	Sanyasi Bag	Kartickdanga	ST
18.	Biswanath Soren	Kankutia	ST
19.	Dilip Mete	Bantizole	SC
20.	Nurul Islam	Salon	G