



## **Garupaban Joint Forest Management Committee**

**Geleki Reserve Forest**

**Sivasagar Division, Sivasagar**

# **MICRO-PLAN**

**(2016-17 to 2025-26)**

**Prepared by Garupaban JFMC**

**Assisted by**

**Assam Forest Department**

**&**

**COMPELO**

**(IIE, RGVN and CML)**



**July 2016**

*Approved*

*[Signature]*  
**Divisional Forest Officer,  
Sivasagar Division, Sivasagar**

## List of Acronyms

Acronym	Full Form
ACF	Assistant Conservator of Forests
AfD	Agence France de Développement
APFBC	Assam Project on Forest & Biodiversity Conservation
APL	Above Poverty Line
BPL	Below Poverty Line
CCF	Chief Conservator of Forests
CF	Conservator of Forests
CML	Centre for Microfinance and Livelihood
COMPELO	Consulting Service for Micro Planning Enhancing Livelihood Opportunities
DCF	Deputy Conservator of Forests
DFO	Divisional Forest Officer
EDC	Eco-Development Committee
EPA	Entry Point Activity
FCA	Forest (conservation) Act, 1981
FD	Forest Department
FRA	Forest Rights' Act
FV	Forest Village
FYP	Five Year Plan
GHG	Green House Gases
GoI	Government of India
GP	Gaon Panchayat
Ha	Hectare
IEC	Information Education & Communication
IIE	Indian Institute of Entrepreneurship
JFMC	Joint Forest Management Committee

KNP	Kaziranga national Park
KTR	Kaziranga Tiger Reserve
LB	LaokhowaBurachapori, LaokhowaBongaon
MDR	Major District Roads
MGNREGS	Mahatma Gandhi National Rural Employment Guarantee Scheme
MoEFCC	Ministry of Environment, Forests & Climate Change
NTFP	Non Timber Forest Produce
OBC	Other Backward Classes
ODR	Other District Roads
PCCF	Principal Chief Conservator of Forests
PHC	Primary Health Center
PMU	Project Monitoring Unit
PRA	Participatory Rural Appraisal
REDD+	Reducing Emission from Deforestation and Forest Degradation Plus
RGVN	RashtriyaGraminVikasNidhi
RO	Range Officer
Sc	Scheduled Caste
SDG	Sustainable Development Goals
SLF	Sustainable Livelihood Framework
Spp	Species
ST	Scheduled Tribe
SWOT	Strength Weakness Opportunity & Threat
TV	Taungya Village
TV	Television
WLS	Wildlife Sanctuary
WPA	Wildlife (Protection) Act, 1972
WPC	Working Plan Circle

## Glossary of Vernacular Name of Trees, Shrubs, Herbs, Other Plants

### 1. Trees

S.No.	Vernacular Name	Scientific Name
1.	Ajhar	<i>Lagerstroemia speciosa</i>
2.	Am	<i>Mangifera indica</i>
3.	Amari	<i>(Amoora wallichii) Aglaia hiernii</i>
4.	Amol	<i>(Myristica Kingii) Horsfieldia kingii</i>
5.	Amora	<i>Spondius pinnata</i>
6.	Amsia	<i>Drimycarpus racemosus</i>
7.	Badam	<i>Mansonia dipikae</i>
8.	Baji Ou	<i>Dillenia scabrella</i>
9.	Bandardima	<i>Dysoxylum binectariferum &amp; Chisoketon paniculatus</i>
10.	Barhamthuri	<i>(Talauma hodgsonii) Magnolia hodgsonii</i>
11.	Barun	<i>Craeteva nurvala</i>
12.	Bhatghila	<i>Oroxylum indicum</i>
13.	Bhe	<i>Salix tetrasperma</i>
14.	Bhelkor	<i>Trewia nudiflora</i>
15.	Bhelu	<i>Tetrameles nudiflora</i>
16.	Bhomlati	<i>Symplocos spicata</i>
17.	Bhomora, Bahera	<i>Terminalia belerica</i>
18.	Bogijam	<i>Eugenia jambos</i>
19.	Bogipoma	<i>Chikrassia tabularis (Syn:-C.velutina)</i>
20.	Brajanali	<i>(Zanthoxylum budrunga) Zanthoxylum rhetsa</i>
21.	Bola	<i>Morus laevigata</i>
22.	Bon-am	<i>Mangifera sylvatica</i>
23.	Bon-bagari	<i>Zizyphus rugosas</i>



24.	Bon-hualu	<i>(Cryptocarya andersonii) Alseodaphne andersonii</i>
25.	Bon-jolokia	<i>Cryptocarya amygdalina</i>
26.	Bon-pitha	<i>Donella roxburghii (Syn:-Chrysophyllum roxburghii)</i>
27.	Bor-pat	<i>Ailanthus grandis</i>
28.	Bor-thequera	<i>Garcinia pedunculata</i>
29.	Bual	<i>Cordia dichotoma</i>
30.	Chalmugra	<i>Hydnocarpus kurzii</i>
31.	Dalchini	<i>Cinnamomum zeylanicum</i>
32.	Dewacham	<i>Artocarpus lakoocha</i>
33.	Dhuna, Dhup	<i>Canarium bengalense &amp; C. resiniferum</i>
34.	Dimoru	<i>Ficus hispida</i>
35.	Galranga	<i>Elaeocarpus rugosus</i>
36.	Gendhelipoma	<i>(Dysoxylum hamiltonii) Dysoxylum alliarium</i>
37.	Gohora	<i>Premna bengalensis</i>
38.	Gaharisopa	<i>Magnolia griffithii &amp; M. pealiana</i>
39.	Gomari	<i>Gmelina arborea</i>
40.	Gonsorai	<i>Cinnamomum glaucescens (Syn:-C. cecicodaphne)</i>
41.	Garumora	<i>Crypteronia paniculata &amp; Glochidion oblatum</i>
42.	Ghogra, Makarisa, Naga-bhe	<i>Schima wallichii</i>
43.	Haludsopa	<i>Adina obliquocephala</i>
44.	Haludsaki	<i>Endospermum chinense</i>
45.	Hatipoila	<i>Pterospermum acerifolium</i>
46.	Hengunia	<i>Meliosma pinnata</i>
47.	Hingori	<i>Castanopsis indica</i>
48.	Hilikha	<i>Terminalia chebula &amp; T. Citrina</i>
49.	Hollock	<i>Terminalia myriocarpa</i>

50.	Holong	<i>(Dipterocarpus macrocarpus) Dipterocarpus retusus</i>
51.	Jalpai	<i>Elaeocarpus floribundus</i>
52.	Jamuk	<i>Syzygium cumini (Syn:-Eugenia jambolana)</i>
53.	Jawa, Jhawa	<i>Holigarna longifolia</i>
54.	Jaglo, Morolia	<i>Macaranga denticulata</i>
55.	Jia	<i>Lannea grandis</i>
56.	Jinari, Kathbhaluka	<i>Podocarpus neriifolia</i>
57.	Joba-hingari	<i>Sloanea assamica (Syn:-Echinocarpus assamica)</i>
58.	Jutuli	<i>Altingia excelsa</i>
59.	Kadam, Raghu	<i>Anthocephalus indicus</i>
60.	Karipan, Kharipati Dimoru	<i>Ficus nervosa</i>
61.	Kathal	<i>Artocarpus integrifolius</i>
62.	Kathalsopa	<i>Michelia manii</i>
63.	Khokan	<i>Duabanga grandiflora (Syn:- D.Sonneratioides)</i>
64.	Khorikadewa	<i>Artocarpus gomezianus</i>
65.	Khorika sopa	<i>(Talauma phellocarpa) Magnolia baillonii</i>
66.	Koliori	<i>Mitrephora tomentosa</i>
67.	Borkoliori	<i>Polyalthia simiarum</i>
68.	Koroi	<i>Albizzia procera</i>
69.	Kuhir	<i>Bridelia retusa</i>
70.	Kurial, Kanchan	<i>Bauhinia purpurea</i>
71.	Leluk	<i>Beilschmiedia brandisii</i>
72.	Lamtem	<i>Gynocardia odorata</i>
73.	Leteku	<i>(Baccaurea sapida) Baccaurea ramiflora</i>
74.	Lewa	<i>Engelhardtia spicata</i>
75.	Maskoita	<i>Callicarpa arborea &amp; C. macrophylla</i>

76.	Madar	<i>Erythrina stricta</i>
77.	Maiphak	<i>Evodia meliaefolia</i>
78.	Mekai	<i>Shorea assamica</i>
79.	Medelua, Mouhita	<i>Dalbergia assamica</i>
80.	Mekahi	<i>Phoebe cooperiana</i>
81.	Moj	<i>(Albizzia lucida) Albizia lucidior</i>
82.	Morhal	<i>Vatica lanceaefolia</i>
83.	Morolia	<i>(Mallotus albus) Mallotus ferrugineus</i>
84.	Motanahar	<i>Pterospermum lanceaefolium</i>
85.	Naga Dalchini, Patihunda	<i>(Cinnamomum obtusifolium) Cinnamomum bejolghota</i>
86.	Naga udal, Hirikh	<i>Sterculia guttata</i>
87.	Nahor	<i>Mesua ferrea</i>
88.	Odal	<i>Sterculia villosa</i>
89.	Outenga	<i>Dillenia indica</i>
90.	Oxi	<i>Dillenia pentagyna</i>
91.	Pahari	<i>(Sterculia alata) Pterygota alata</i>
92.	Panikadam, Bhurkhundi	<i>Hymenodictyon excelsum</i>
93.	Pan sopa	<i>Michelia Montana</i>
94.	Paroli	<i>Stereospermum chelonoides</i>
95.	Phakdima, Phulgamari	<i>Trema orientalis</i>
96.	Phulkata	<i>Styrax serrulatum</i>
97.	Phulsopa	<i>Manglietia insignis</i>
98.	Pichola	<i>Kydia calycina</i>
99.	Poma	<i>Toona ciliata (Syb:- Cedrela toona)</i>
100.	Ramanbih	<i>(Aesculus punduana) Aesculus assamica</i>
101.	Rudraksha	<i>(Elaeocarpus granitrus) Elaeocarpus sphaericus</i>

102.	Sam	<i>(Artocarpus chaplasi) Artocarpus chama</i>
103.	Satiana	<i>Alstonia scholaris</i>
104.	Seleng	<i>Sepium baccatum</i>
105.	Simul	<i>Salmalia malabarica</i>
106.	Sirish	<i>Albizia lebbek</i>
107.	Sissoo	<i>Dalbergia sissoo</i>
108.	Sopa	<i>(Michelia manipurensis) Michelia doltsopa</i>
109.	Tepor	<i>Garcinia xanthochymus</i>
110.	Thekera	<i>Garcinia sp</i>
111.	Tezpat	<i>Cinnamomum tamala</i>
112.	Thutmala	<i>Garuga pinnata</i>
113.	Titasopa	<i>Michelia champaca</i>
114.	Udal	<i>Sterculia villosa</i>
115.	Uriam	<i>Bischofia Javanica</i>

## **2. Shrubs, Herbs Etc.**

S.No.	Vernacular Name	Scientific Name
1.	Bahaka	<i>(Adhatoda vasica) Justicia adhatoda</i>
2.	Betibah	<i>Bambusa mastersii</i>
3.	Bhang	<i>Cannabis sativa</i>
4.	Bhekuri	<i>Solanum indicum</i>
5.	Bogitara	<i>(Alpinia allughas) Alpinia nigra</i>
6.	Bajal bah	<i>Pseudostachyum polymorphun</i>
7.	Bon-madhuriam	<i>Pyrenaria barringtoniaefolia</i>
8.	Bon-pasala	<i>Sarauja roxburghil</i>
9.	Bor-manmami	<i>Centella asiatica (Syn:- Hydrocotyle asiatica)</i>



10.	Daridiga, Bon-medelua	<i>Cassia tora</i>
11.	Dhoptita	<i>Clerodendron infortunatum</i>
12.	Dighloti	<i>Litsaea salicifolia</i>
13.	Ekra, bata	<i>Sclerostachya fusca</i> (Syn:- <i>Saccharum fuscum</i> )
14.	Eragoch	<i>Ricinus communis</i>
15.	Gereguatomol, Ramtamol	<i>Pinanga gracilis</i>
16.	Haru manmani	<i>Hydrocotyle rotundifolia</i>
17.	Hauka bet	<i>Zalacca secunda</i>
18.	Heloch	<i>Antidesma ghaesembilla</i>
19.	Jarmoni bon	<i>Eupatorium odoratum</i>
20.	Jati bah	<i>Bambusa tulda</i>
21.	Jati bet, Rangi bet	<i>Calamus tenuis</i>
22.	Jengu, Japipat	<i>Licuala peltata</i>
23.	Lejai bet	<i>Calamus floribundus</i>
24.	Kakobah	<i>Dendrocalamus hamiltonii</i>
25.	Kasidoria, Kachidria	<i>Myrsine capitellata</i>
26.	Kathandaphul	<i>Coffea bengalensis</i> & <i>Tabernaemontana divaricata</i>
27.	Kawpat	( <i>Phrynium parviflorum</i> ) <i>Phrynium placentarium</i>
28.	Kush	<i>Saccharum spontaneum</i>
29.	Makhioti	<i>Moghania strobilifera</i> (Syn:- <i>Flemingia strobilifera</i> )
30.	Meghela	( <i>Narenga porphyrocoma</i> ) <i>Saccharum narenga</i>
31.	Nal	<i>Phragmites karka</i> & <i>Arundo donax</i>
32.	Patidoi	<i>Schumannianthus dichotomus</i>
33.	Phukuta	<i>Melastoma malabathricum</i>
34.	Sorat	<i>Laportea crenulata</i>
35.	Titaphul	<i>Phlogacanthus thyrsiflorus</i>

36.	Tokopat	<i>Livistonia jenkinsiana</i>
37.	Wakthoi, Makal bak	<i>Bambusa pallidia</i>

### **3. Climbers**

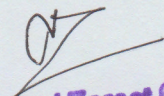
<b>S.No.</b>	<b>Vernacular Name</b>	<b>Botanical Name</b>
1.	Chonga lata	<i>Thunbergia coccinea</i>
2.	Datbijla, Datbijli	<i>Dalbergia stipulacea</i>
3.	Dhindau-bagori lota	<i>(Tapiria hirsute) Pegia nitida</i>
4.	Ghilla, Barghilla/ Ghila-lewa	<i>Entada phaseoloides (Syn:- E.scandens)</i>
5.	Gowalia lata	<i>Vitis latifolia (Syn:- Ampelocissus latifolia)</i>
6.	Kukua loti	<i>Thunbergia grandiflora</i>
7.	Mikania, Manikilata	<i>Mikania micrantha</i>
8.	Nak-kati-lewa	<i>Bauhinia vahlii</i>

**GARUPABAN JOINT FOREST MANAGEMENT COMMITTEE  
SIVASAGAR FOREST DIVISION, EASTERN ASSAM CIRCLE**

**Micro-Plan  
(2016-17 to 2026-27)**

**Table of Contents**

<b>Section No</b>	<b>Heading</b>	<b>Page No</b>
<b>PART-I</b>		
1	Introduction	13
2	General Description of the Area	15
3	Village Socio-Economic Profile& JFMC Profile	18
4	Livelihood Asset Profiles and Vulnerability Context	25
5	Existing Plans and Programs	27
<b>PART-II</b>		
6	Microplan Objectives, SWOT and GAP analysis	36
7	Village Development Plan	41
8	Livelihood Development Plan	42
9	Forest Development Plan	46
10	Implementation strategies, Timelines and Budget	59
<b>PART-III</b>		
Tables, Maps and Appendices		

  
**Divisional Forest Officer,  
Sivasagar Division, Sivasagar**

**GARUPABAN JOINT FOREST MANAGEMENT COMMITTEE**

**SIVASAGAR FOREST DIVISION, EASTERN ASSAM CIRCLE**

**Micro-Plan**

**(2016-17 to 2026-27)**

**PART-I**



# 1. Introduction

## 1.1 About the Project

The vision of the Assam Project on Forest and Biodiversity Conservation (APFBC) is ‘to enable sustainable forest and biodiversity conservation and management in Assam through multi-scale integrative planning and involvement of forest dependent communities in target areas and giving fillip to their livelihood activities through sustainable use of forest and non-forest resources’. The project’s objective has been stated as: ‘In collaboration with the forest dependent communities, to restore forest ecosystems to enhance the forest dependent community’s livelihoods and ensure conservation and sustainable use of biodiversity’.

The above project is being mainly funded by the *Agence France de Développement* (AFD) - i.e. the French Development Agency, with co-funding from the Government of Assam. The Assam Project on Forest and Biodiversity Conservation Society (APFBC Society) has the mandate for planning, implementation, monitoring, coordination and management of all the activities under the above mentioned project.

## 1.2 Micro-Planning & Livelihood Development

In order to promote livelihood activities through market potential based value addition; the present project intends to take up activities like entrepreneurship promotion, product processing value addition and marketing under this project. This has become necessary on account of the pressures on existing forest resources due to the growth of population. There is a need to explore value addition to the existing forest and biodiversity products and services, based on the market potential. In addition, non-forest based livelihoods need to be explored and the capacities of the community members need to be built-up through skills development initiatives.

A consortium comprising of Indian Institute of Entrepreneurship (IIE) Guwahati, *Rashtriya Gramin Vikas Nidhi* (RGVN) and Centre for Microfinance and Livelihood (CML) has been formed to implement (*inter-alia*) the micro-planning and livelihood development under the above project. The above consortium has been titled as ‘Consulting Service for Micro Planning Enhancing Livelihood Opportunities’ -

COMPELO in short.

As per project guidelines, this micro-plan includes **‘various operations of village and forest development ... livelihood support of forest dependent members and keeping sustainable forest management as the broad objective’**. It includes both forest development and livelihood development.

### **1.3 Micro-Plan for the Garupaban JFMC**

This document gives the Micro-Plan for the Garupaban JFMC, which is located in the Sivasagar district of Assam. The JFMC falls under the jurisdiction of the Sivasagar Forest Division of the Nazira Revenue Circle. The profile of the community is given in the next section.

## 2. General Description of the Area

### 2.1 General Description:

The Reserved Forest of Sivasagar Forest division, situated within 26°.50' and 27°.10' North latitude and 94°.50' and 95°.30' east latitude. The Division is within the civil jurisdiction of Sivasagar and Choraideu District. The Reserved Forest are located in the Sivsagar Forest Division, namely Abhoyapur, Dilli, Deroi, sapekhati, Sola, Panidihing and Geleki Reserved Forest. The total area covered by all this above Reserved is 24,086.292 ha. Among the Reserved Forest, as stated above, the Abhoyapur, Dilli and Geleki Forest lie on the foot hills of the Naga and Arunachal Hills tract. The terrain is flat on the northern ends and gradually rising southwards.

The average terrain of Sivasagar Division is flat. It is gradually hilly towards the south of the Division. The panidihing Reserved Forest which is located near the Brahmaputra River is low lying but does not remain swampy due to occurrence of "Kurkani Soil"

Several rivers from south to north finding their ways in to the river Brahmaputra drain the tract of the division. The important rivers of the division are Desang, Dikhow, Dihing, Dilli and Jhanji. All these rivers are perennial and subjected to flood during rainy seasons. None of the small streams that flow into these rivers get dry, expect in their upper reaches.

Distribution and area: The total area of Reserved Forests under Sivasagar Division is about 24,086.292 ha. The following is the tabular statement showing the area of the Reserve Forests under different territorial ranges of the Division.

Name of the Range	Name of the RF's	Area as per notification (in ha.)	Area as per Working plan survey(in ha)	Remarks
1.Barhat	Dilli	3030.373	2976.80	
	Sapekhati	744.611	698.72	
	<b>Total=</b>	<b>3774.984</b>	<b>3675.52</b>	
2.Sonari	Sola	683.173	606.81	
	Abhoyapur	6732.660	6314.70	
	Deroi	4831.960	4832.13	
	<b>Total=</b>	<b>12247.793</b>	<b>11753.64</b>	
3.Sivasagar	Panidihing	2139.00	-	
	Geleki	5924.515	-	
	<b>Total=</b>	<b>8063.515</b>	-	
	<b>Total area of the Divn.</b>	<b>24086.292</b>	-	

## **2.2 Location**

The Reserved Forest of Sivasagar Forest division, situated within 26°.50' and 27°.10' North latitude and 94°.50' and 95°.30' east longitude. The Division is within the civil jurisdiction of Sivasagar and Charaideo District. The Reserved Forest are located in the Sivasagar Forest Division, namely Abhoyapur, Dilli, Deroi, Sapekhati, Sola, Panidihing and Geleki Reserved Forest. The location map is given in **Appendix I** and **Appendix II** gives the approach map of the JFMC

## **2.3 Soil**

Most of the tract is of alluvial formation with a great depth of alluvium put down in comparatively recent geological times over what was originally a floor of gneiss. The Naga Hills form part of the Patkai range which rose due to earth movements and have been covered subsequently with deposited strata. It was this period, which has given rise to coal measures in Assam. There are some coal measures in Dilli Reserved Forests.

The soil laid down by the streams from North is comparatively younger than the soil brought down by the smaller rivers from the south. The former is usually of sandy texture, poor and with subsoil that is sandier. The soil deposited from Naga Hills on the south is usually rich loam. The soil generally free from lime is acidic in reaction. Whereas the soil laid down by the river Brahmaputra is almost natural in character. Towards the south the texture of the soil is finer and the acidity and humus content of the soil increases appreciably.

## **2.4 Water Supply**

There are numerous perennial water streams in all reserves of the Division at fairly frequent intervals. The general water table is not low and wells are easily sunk.

## **2.5 Climate**

The division falls in high humidity zone. The monsoon season starts from May to September. During this period the general climate becomes muggy. The hottest month of the year is June and July, when the temperature goes up to 34.32° C and Minimum temperature comes down to 8.61° C in the month of January. The pre-monsoon showers are preceded by storm often of a violent. The winter months are comparatively cool and dry. The nights are cold and heavy mist is common during this period. Frost is uncommon.



## 2.6 Ecosystem& Bio-Diversity

The local forests have been broadly classified as Evergreen forests. The main tree species are Seleng, Lali, Simoha, Mehekoni and Poma. The forests can yield a range of NTFP like spices, leafy vegetables, ferns, medicinal plants, bamboo, cane, thatch, fodder, broom stick etc.

Additional details in this regard are given at the 'Forest Development Plan'.

## 2.7 Right And Concessions

Right and concessions allowed to local population have been specified under Gazette Notification creating Reserved Forests, are recorded in the register of reserves. The majority of these consist of right of way through the reserves over existing roads and paths. Additional right and concession were granted by the Govt. to the people in respect of Dilli RF in 1924 as detailed below.

The following concession, revocable at the will of the Govt. are granted (1924)-

- (a) Permission for the plain Nagas of Deopani, Nagagaon village to *Jhum* inside the reserve over an area limited to 150 acre on condition that they cut boundary lines to demarcate the *Jhuming* area and keep the Ladaigarh clear to the south of their village when required to do so .
- (b) Rusa (KuianMutan) village is allowed unconditionally to collect bamboos and creepers in the reserve and to hunt (except with pit and share) and to fish within the line.
- (c) Deopani, Nagagaon, Bahatiagaon, Tirakiagaon, Lepheragaon and Halogaon villages have been allowed to collect bamboos and fuel for home consumption free of royalty from the reserve on condition that they clear the Ladaigarh boundary every year.

## 2.8 Commitments

Commitment to extraction of coal and petroleum to the concerning authorities exists in parts in some of the reserves of the divisions-as shown below:

Deroi Reserved Forests	-Oil India.
Sola Reserved Forests	-Oil & Natural Gas Commission.
Geleki Reserved Forest	-Oil & Natural Gas Commission.

### 3. Village Socio-Economic Profile and JFMC Profile

#### 3.1 Key Information

The Garupaban JFMC is under Sivasagar Range. It is a Forest village and is located in Sivasagar District. The JFMC was registered on August,2006 (Appendix III as per the registration certificate)in the office of the conservator of the Forests, Eastern Assam Circle, Jorhat

**Table-A: Key Information of the JFMC**

Sl. No	Particulars	Key Information
1.	Name of the JFMC	Garupaban
2.	Habitation	
3.	Name of Forest Village	Garupaban
4.	Name of the Gram Panchayat / VCDC	Na Pam Barowati
5.	Name of Revenue Circle	Nazira
6.	Name of revenue Sub Division	Nazira
7.	Name of District	Sivasagar
8.	Name of Forest Division	Sivasagar
9.	Name of Forest Range	Sivasagar
10.	Registration Number	JFMC-02/SIV/EAC/2016
11.	Name of Forest Beat	Athkhel
12.	Description of Boundary of JFMC	North: ChutiaGaon South: Geleki R.F. West: Na Pam Baruwati Gaon East: Geleka Tea Estate
13.	JFMC Bank Account No	062105003564
14.	Bank Name	ICICI Bank Sivasagar Branch

**Source:** JFMC Records & Discussions during PRA Exercise in June 2016

#### 3.2 Brief Details of the Executive Committee

The brief details of Executive Committee & General Body of the JFMC are contained in the table, which is given below.(**Appendix IV**- Signed list, **APPENDIX V**- Group photo of the JFMC members)

**Table-B: Brief Details of Executive Committee**

<b>Name</b>	<b>Age</b>	<b>Address</b>	<b>Educational qualification</b>	<b>Designation</b>
Niren Gogoi	43	C/O KinaramGogoi, SeejchaporiGaon, PO/PS: Gelekey Dist: Sivasagar	7 <sup>th</sup> Pass	President
ProdipGogoi	55	C/O Late Modon Ch. Gogoi, Div. Forest Officer, Social Forest Division, Sivasagar, PO/PS: Sivasagar	H.S Pass	Secretary Member(Fr.-I)
DhaniramBauri	65	C/O PelaBauri, BilbostiGaon, PO/PS: Gelakey, Dist: Sivasagar	6 <sup>th</sup> Pass	Members
Bhadru Manki	58	C/O HoruaManki, Na-Pam Bauruati, 16 Noline PO/PS: Gelakey, Dist: Sivasagar	6 <sup>th</sup> Pass	Members
Durga Rajuwar	60	C/O BogoRajuwar, BilbostiGaon, PO/PS: Gelakey, Dist: Sivasagar	HSLC Pass	Members
Imran Ahmed	51	C/O Late Rukunoddin, Na-Pam Bauruati, 16 Noline PO/PS: Gelakey, Dist: Sivasagar	10 <sup>th</sup> Pass	Members
Badhon Bauri	57	C/O Late MohendraBauri, Na-Pam Bauruati, 16 Noline PO/PS: Gelakey, Dist: Sivasagar	5 <sup>th</sup> Pass	Members
Niru Manki	38	C/O RamdasManki, Na-Pam Bauruati, 16 Noline PO/PS: Gelakey, Dist: Sivasagar	5 <sup>th</sup> Pass	Members
Kalpana Bauri	42	C/O BirenBauri, Na-Pam Bauruati, 16 Noline PO/PS: Gelakey, Dist: Sivasagar	2 <sup>nd</sup> Pass	Members
Putoli Rajuwar	32	C/O KalicharanRajuwar, BilbostiGaon, PO/PS: Gelakey, Dist: Sivasagar	7 <sup>th</sup> Pass	Members
Kanti Bauri	38	C/O RanjitBauri, BilbostiGaon, PO/PS: Gelakey, Dist: Sivasagar	8 <sup>th</sup> Pass	Members

**Source: JFMC Records**

### 3.3 Households & Population Composition

The total number of households is 275 out of which 178 households were surveyed. According to the survey reports, 11 households are BPL (Below Poverty Line) households.

**Table-C: Demographic Profile**

Caste/Community	Household	Male	Female	Total
General	0	0	0	0
OBC	99	213	213	426
ST	2	3	5	8
SC	13	31	26	57
Minority	59	139	136	275
Others	5	14	11	25
Total	178	400	391	791

The total population is 791, of which 400 are male and the rest are female members. The population includes 57 SC, 8 ST, 426OBC and 0 General persons.

From this, it is inferred that:

(1) The average number of persons in a household is 4.

The sex ratio is 997 females per 1000 males in the village

**Table-D: Age Group Distribution**

Age and Sex Distribution					
Age Class	< 5 years	5-18 years	18-45 years	45-60 years	>60 years
Male	42	134	235	47	29
Female	28	81	220	35	17
Total	70	215	455	82	46

### 3.4 Education & Skills Development

The education profile of the JFMC is given in Table E below.

**Table-E : Education Profile**

Age class	KG/Nursery	Upto IV	V-VII	VIII-IX	X-XII	Graduate	Masters	Illeterate
<25 years	33	79	71	73	62	9	2	28
>25 years	6	36	51	109	48	6	0	106
Total	39	115	122	182	110	15	2	134

Over 83% of the population is reported to be literate. Most of the community members



have received school level education.

Livelihood skills are usually acquired under various settings – formal & informal. In the JFMC area, informal means for skills development is the traditional norm. People have traditional skills in the following areas:

- (a) Weaving
- (b) Cane and Bamboo craft
- (c) Carpentry
- (d) Agriculture and horticulture

Government has been active in promoting formal skills development programmes in the country as well as in the state. However, no such programme has been carried out in the habitation or in nearby areas.

### **3.5 Land Use Pattern**

The population is largely dependent on Agriculture and Livestock.

From the land-use pattern of the village, it is seen that the land-use in the village is as follows:

- Crop Land: 30 %
- Tree Cover: 10 %
- Habitation: 10 %
- Water Bodies: 5 % (incl. water logged areas)
- Barren Land: 10 %
- Other 10 %.

### **3.6 Land Holding Pattern**

From the type of households as per land-holding, it is seen that:

- 20 % of the households are landless;
- 60 % of the households are marginal farmers (less than 2 Ha); and
- 20 % of the households are small farmers (2-10 Ha)

### **3.7 Livestock**

The main types of livestock possessed by the households include:

- Cows : 14
- Bulls : 6
- Hens : 7
- Goats : 3
- Piglets : 7
- Pigs : 6

### 3.8 Village Infrastructure & Communication Facilities

In any community; the availability of basic infrastructure enables the development of sustainable livelihood options. The present condition of infrastructure in the village is not satisfactory. This gives the present status of the village infrastructure.

**Table-F: Physical Infrastructure**

S. No	Point Infrastructure	Location inside village or Outside	Number (If applicable)	Approximate Distance from Village, if outside (m/Km)	Condition and status of present use
1	Bus stand	Outside	1	1 km	
2	Primary Health Centre	Outside	1	3 km	
3	Primary School	Inside	1	0.5 km	
4	Middle School	Outside	1	1 km	
5	High School	Outside	1	1 km	
6	HS School	Outside	1	1 km	
7	College	Outside	1	5 km	
8	Post Office	Outside	1	1 km	
9	Bank	Outside	1	3 km	
10	Telephone	Outside	1	4 km	
11	Anganwadi Centre	Outside	2	1 km	
12	Gram Panchayat Office	Outside	1	3 km	
13	Revenue Circle Office	Outside	1	18 km	
14	Police Outpost/ Thana	Outside	1	3 km	
15	Forest Beat Office	Outside	1	1 km	
16	Forest Range Office	Outside	1	40 km	
17	Railway Station	Outside	1	20 km	
18	Drinking Water Sources	Inside	1	0.5km	Tea Garden Water Supply System
19	Community Hall	Inside	1	1 km	
20	House with Electricity	Inside	110	–	Most of the houses are electrified.
24	Temple/ Church/ Mosque/ Namghar	Inside	8	–	
25	District Head Quarters	Outside		42km	
26	No. of Vehicles (Cars/ Trucks)		20		
27	No. of JCB	Nil			

28	Nearest Market	Geleki	1	2 km	
----	----------------	--------	---	------	--

From the above table, the following have been noted with regard to village infrastructure:

**Physical Infrastructure:** The habitation is deprived of basic physical infrastructure like paved roads, electricity, water supply, mobile network etc.

**Education & Health Facilities:** There are minimal educational and health facilities. Public transport is not available, and the community members have to use bicycles to move around.

**Govt. Offices:** The government offices (such as Police station, Gram Panchayat office, Revenue office, Forest Beat office etc.) are located at a considerable distance, which gets amplified as the villagers do not have access to regular public transport from either the habitation or from nearby areas.

**Financial Inclusion:** Facilities for financial inclusion like bank is UBI located at Geleky and SBI located at Athkhel and post office is located at 1km from the habitation.

### 3.9 Agriculture/ Crops

The following are the main crops grown in the village.

Kharif Crops: Paddy

Rabi Crops: Vegetables, Black Gram

Others: Tea Plantation

### 3.10 Fodder Availability

The village depends on the nearby forest. The main sources of the fodder in the village are as follows:

- (a) Forest
- (b) Nearby Area
- (c) Local area

### 3.11 Markets

The main markets used by the community are as follows:

- (a) Grocery : Geleki at 3 km away (if in other village)
- (b) Weekly Market: Geleki at 3 km away

(c) Major Market: : Geleki at 3 km away

### **3.12 Water Resources**

The main water resources with the water availability are as follows:

- (a) Hand Pump (Water Availability: Adequate)
- (b) Ring Well (Water Availability: Poor)
- (c) River/Stream (Water Availability: Perennial)
- (d) Water Supply (Water Availability: Perennial)

### **3.13 Energy Consumption**

The major sources of energy in the village have been listed below.

- (a) Fuelwood: Households Depending: 154 Nos. Source: Local Forest
- (b) Kerosene: Households Depending: 200 Nos. Source: Ration Card
- (c) LPG: Households Depending: 40 Nos. Source: : LPG Card
- Electricity: Households Depending: 110 Nos. Source: : Electricity

### **3.14 Socio-economic status**

**Social Set-up:** The society is not marked by deep social divisions. The observed position of women is satisfactory.

**Economic Condition:** The economic position is satisfactory. The main livelihoods are Agriculture and Tea Garden. Most households earn Rs. 3000 to Rs. 36000 per year.

There is large-scale migration of the youth and others for livelihoods.

## 4. Livelihood assets profile and vulnerability contexts

This section deals with the livelihood assets and their current status in the village. The vulnerability context has also been analysed in the section.

### 4.1 Livelihood Assets Analysis

As per the sustainable livelihood framework (SLF) there are five most important livelihood assets i.e. Human capital, financial capital, social capital, natural capital and physical capital that are needed for livelihood enhancement in a village. The status of the five capitals have been analysed and are given below:

**Human Capital:** The village has the literacy rate of 71.5%. However, there are only 3 post graduates and 14 graduates. Most of the literate population has education level from primary to 12<sup>th</sup> standard. The people have traditional skills like cane and bamboo craft and are skilled in raising tea plantations. Many of the villagers also have carpentry skills. Overall, the people of the area are active and have skill levels which can be scaled from medium to high.

**Physical Capital:** The physical capital of Garopaban is assessed from the point of view of the presence or absence of physical infrastructure like schools, colleges, roads, PHCs and so on. The primary school is inside the village while the middle, high and higher secondary schools are approximately 1 km away from the border of the village. The nearest college is almost 5 kms away from the village. The village has mostly Kuccha and bricked Assam type houses with very few single storied RCC houses. From the above data, we can say that more RCC houses in the village are the need of the hour.

**Natural Capital:** Richness in natural capital is a salient feature of Garupaban village. The fertile agricultural land helps in flourishing good quality of agricultural crops in the area. Various forms of wildlife and rich biodiversity has added to its natural capital with ecosystem facilities like recreation, provision and regulatory.

**Social Capital:** The people of the village observe their social ceremonies and religious ceremonies in a peaceful and cooperative way. There are 5 namghars, 1 church, and 2 temples. All together there are 7 SHGs pursuing different goals for their group members. For the child care and child nourishment, the village has 2 Anganwadi centres.

**Financial Capital:** Focusing on the financial capital of the village, banking institutions and postal services are crucial elements. The nearest bank is about 3 kms away. A few villagers have to access the post office (to meet their financial needs) which is just 1 km away from the village.

#### 4.2 Livelihood Asset Pentagon

Based on the analysis and assessment of the existing five livelihoods assets in the village a livelihood pentagon was studied. The livelihood pentagon is not balanced and gaps could be plugged by taking appropriate livelihood strategies and actions that are mentioned in the village development plan and livelihood development plan.

#### 4.3 Vulnerability Context Analysis

The village has several vulnerabilities. Dysentery, malaria are common diseases. The village is often visited by wild animals such as elephants and tigers, causing damage to crops, properties and human lives.

#### 4.4 Seasonality

The seasonality calendar of the crops grown and the vulnerability due to animal depredation was prepared through participatory approach. Boro paddy is cultivated from Jan – May and Rabi crop is cultivated from August to April. Tea plantation is done in the village throughout the year.

#### SEASONALITY CALENDER OF GARUPABAN JFMC

Months	Ja n	Fe b	Marc h	Apri l	Ma y	Jun e	Jul y	Au g	Sep t	Oc t	No v	De c
Crops	Paddy(Boro)											
	Rabi crops							Rabi crops				
	Tea											
Hazard (Animal Depredation )	Elephant							Elephant				

## **5. Existing Plans and Programs**

This Chapter deals with certain essential linkages with other key planning and execution mechanisms and processes which have direct bearing upon microplanning. The topmost among these is the Working Plans which provide an overall umbrella for sustainable development and forestry and wildlife conservation in forest areas of the State. In wildlife areas, these plans are known as Management Plan, and in Tiger Reserves, as Tiger Conservation Plans. In addition, there are several plan scheme components such as the Tribal Sub Plan (TSP), and Scheduled Caste Component Plan (SCP) which also get implemented in forest villages through the Forest Department. There are several line departments providing health, education, power, irrigation and livelihood services. Often these departments also implement schemes in the forest villages.

After the promulgation of the Assam Joint (Peoples' Participation) Forestry Management Rules, 1998 in Assam, the joint forest management got initiated, and the JFMCs and EDC were constituted in 2002. Prior to this, some working plans had prescriptions for joint forest management or constituted JFM circles. However, the National Working Plan Code, 2014 gave the right impetus to the microplanning and has incorporated detailed guidelines to this effect. This Microplan is based on the 2014 National Working Plan Code.

### **5.1 Linkage with the Working Plan**

The old Sibsagar division was bifurcated in 1968 to Kaziranga Wildlife division (now Eastern Assam Wildlife Division) on 09-07-1968. Thereafter, Golaghat division was separated from it on 04-07-1980, while the HQ of the division continued at Jorhat. Jorhat division was carved out in 1993, and the HQ was shifted to Sibsagar. The reserved forests of the Division are Dilli, Sapekhati, Sola, Abhoyapur, Panidihing Reserved Forest and Panidihing Bird sanctuary and Geleki RF. The Division has a lot of drilling sites. The Sibsagar forests are a part of the Assam tropical evergreen forest type with extensive Hollong Nahor formations and miscellaneous forests. The main species are Hoolng, Mekai, Nahor, along with Sam, Sopa, Gondsoroi, Amari, Hollock, Ajhar and Uriam.

The latest Working Plan for the Division is by B. Brahma for the period 2001-02 to 2010-11.

The Plan has prescribed three Working Circles namely Hollong-Mekai Plantation Working Circle, Miscellaneous Plantation Working Circle and Protection Working Circle.

**Forest Village Management:** The establishment and control of forest villages in RF are governed under the Rules for Establishment and Control of Forest Villages, Chapter-7 of the Assam Forest regulation, 1891. There are 21 forest villages in the division covering an area of 1712.55 Ha. The data from DFO Sibsagar shows that the number of households is more than the sanctioned strength of the forest villages. There are 21 forest villages. Of these, Singloo, in Abhyapur RF, have sanctioned area of 124 Ha, sanctioned strength is 120 families, and the households at the time of Working Plan compilation were 167 with a population of 520. Similarly Singloo Taungya has a sanctioned area of 113 Ha, sanctioned strength of 110, and 132 families inhabiting with 680 population at the time of compilation of the Working Plan.

**Protection Working Circle:** The areas allotted in this Working Circle are mainly encroached areas, productive blanks, degraded areas, open areas having heavy grazing and biotic pressure from adjacent villages. All the areas of Deroi and Geleki RF and parts of Sola and Sapekhati were allotted to this WC. The objective was to clear areas from encroachment. Two tier plantations were prescribed:-Upper tier with misc. plywood species and Lower tier with fuelwood species. Another objective was to involve the local communities in terms of the notification of the Govt. of Assam Dt. 10-11-1998 by Forest Protection and Regeneration Committees. For the upper tier rotation of 60 years was fixed, while for fuelwood species in lower tier 10 years rotation was fixed. The Dfo was required to constitute JFMCs. The firewood species spacing 2.5x2.5 m.

**Other Prescriptions:** Some of the miscellaneous prescriptions pertain to forest village management. The boundaries of the forest villages should be well demarcated on the ground to prevent encroachment.

## **5.2 Forest Department Initiatives in the past**

### **5.2.1 National bamboo Mission (Sivsagar Forest Development Agency)**

From 2006-2007 (2007-2008)



## 1. Details of Financial Aspects

Sl. No.	Letter No. & date	Amount released	Remarks
1.	REWP/NBM/FDA/Siv/06-07 dt.6-6-07	Rs.28,23,000.00	170Ha. + one nursery
2.	REWP/NBM/FDA/Siv/06-07 dt. 26-12-07 (utilized 2007-08, 2008-09, 2009-10)	Rs.17,10,000.00	Maintenance for 170 ha. for 2007-08, 2008-09, 2009-10 +one Demon. Plot.
3.	REWP/NBM/FDA/Siv/07-08 dt. 29-3-08	Rs.1,00,00.00	One workshop
4.	REWP/NBM/FDA/Siv/07-08 dt.22-2-08	Rs.10,00,000.00	<b>For 80 ha</b> = Rs.9,28,000.00 Rs. 12,000.00 <b>Overhead</b> = Rs. 60,000.00
5.	REWP/NBM/FDA/Siv/08-09 dt. 4-7-08	Rs.5,84,000.00	<b>80 ha related</b> 2 <sup>nd</sup> maintenance: Rs. 3,67,000.00 <b>Overhead</b> : Rs. 20,800.00 3 <sup>rd</sup> maintenance : Rs. 1,96,000.00
6.	REWP/NBM/FDA/Siv/08-09 dt. 4-7-08	Rs.12,50,000.00	<b>New 100 ha</b> : Rs.11,60,000.00 Part maintenance :Rs. 15,000.00 <b>Overhead</b> : Rs.75,000.00
7.	REWP/NBM/FDA/Siv/07-08 dt. 20-6-08	Rs.1,36,000.00	Training 50 farmers = Rs. 76,000.00 Demonstration Plot = Rs. 60,000.00 (6nos.)
8.	REWP/NBM/FDA/Siv/08-09 dt. 10-12-08	Rs.9,96,000.00	Restocking: 100 ha :8 lakh Training : 0.76 lakh Workshop: 1.00 lakh Demons. Plot : 2 nos. : 0.20 lakh
9.	REWP/NBM/FDA/Siv/08-09 dt. 29-5-09	Rs.4,16,000.00	Maintenance of 80 ha.
10.	NBM/FDA/Sivasagar/09-10 dt. 9-3-10	Rs.5,00,000.00	Maintenance of 100 ha.
11.	NBM/FDA/Sivasagar/08-09 dt. 22-9-09	Rs.7,50,000.00	Maintenance of 100 ha.
12.	BDA.1/NBM/FDA/Sivasagar/10-11 dt. 1-10-10	Rs.3,12,500.00	50 ha related Advance work (50% of total sanctioned amount release)
13.	NBM/FDA/Sivasagar/10-11 dt. 17-1-2011	Rs.12,88,500.00	Released 50% of the balance work against 50 ha. Improvement of 100 ha. restocking 50 nos. of farmers training One district level workshop

**Rs.1,18,66,000.00**

## 2. Abstract of Achievement

Plantation: a) Artificial bamboo plantation: **350 ha.**

b) Restocking : **100 ha.**

c) Bamboo Plantation : **50 ha.**

d) Restocking : **100 ha.**

**600 ha.**

Demonstration Plot: 1+6+2= 9 nos.

Training programme = 2+2= 4 nos.

Workshop = 2+2=4 nos.

Nursery (0.25 ha.) = 1 no.

### 5.2.2 JFMC wise activities on N.B.M. during 2012-13 under Sivasagar FDA

Sl.	Activities	Rate (per Ha)	Noganodi		Janeki Pathar		Dangori Kumar		Halua		Lakily		Admini- -ative cost	Contingen- -cy
			Area (in Ha)	Amount (in Rs.)	Area (in Ha)	Amount (In Rs.)	Ar (in Ha)	Amount (In Rs.)	Area (in Ha)	Amount (In Rs.)	Area (in Ha)	Amount (In Rs.)		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1 <sup>st</sup> Year														
1.	Survey, demarcation of land, pit digging	1026.	20	20,520.00	20	20,520.00	1	10,260	40	41,040.00		10	10,260.00	
2.	Fencing of sensitive Places	3000.		60,000.00		60,000.00		30,000		1,20,000.00			30,000.00	
3.	Procurement of 400 seedlings @ Rs. 7/-	2800.		56,000.00		56,000.00		28,000		1,12,000.00			28,000.00	
4.	Plantation creation	1710.		34,200.00		34,200.00		17,100		68,400.00			17,100.00	
5.	3 weeding @ 8mandays	2736.		54,720.00		54,720.00		27,360		1,09,400.00			27,360.00	
6.	Fireline cutting etc.	570.0		11,400.00		11,400.00		5,700.		22,800.00			5,700.00	
7.	Administrative charge 5%													
8.	Contingency Rs 33/- per Ha											62,500.00	3,300.00	
			20	2,36,840.	20	2,36,840.	1	1,18,420	40	4,73,680	10	1,18,420	62,500	3,300.00

Total= Rs.12,50,000.00

### 5.2.3 DETAILS OF FIRST 170 HA. PLANTATION

Approved total Project Cost: Rs. 45,23,000.00

1. 1<sup>st</sup> Release: Rs. 28,23,000.00 (REWP/NBM/FDA/ Siv/06-07 dt. 6-6-2007)
2. 2<sup>nd</sup> Release: Rs. 17,10,000.00 (REWP/NBM/FDA/ Siv/06-07 dt. 26-12-2007)

\*including 1 Demonstration Plot @ Rs. 10,000.00

## II. 45,23,000.00

Activity	Physical	Amount (Rs. in lakhs)	2007-08	2008-09	2009-10	2010-11
Bamboo Plantation	170 ha.	42.50	25.50	8.50	5.10	3.40
Nursery	0.25 ha.	2.73	2.73	-	-	-
		45.23	28.73	8.50	5.10	3.40

## III. 28,23,000.00

Released during 2006-07; but revalidated in 2007-08

Fund distribution (2007-08)

Sl no.	JFMC	Area	Amount	Remarks
1.	Garupaban	100 ha.	Rs.14,24,000.00	-
2.	Noganodi	20 ha.	Rs. 2,84,800.00	-
3.	Janeki Pathar	20 ha.	Rs. 2,84,800.00	-
4.	Singlo	20 ha.	Rs. 2,84,800.00	-
5.	Singlo Taungiya	10 ha.	Rs. 1,42,400.00	-
		170 ha.	Rs. 24,20,800.00	
6.	Beat Officer, Somdar (Nursery)	0.25 ha.	Rs. 2,73,000.00	-
7.	<b>Overhead</b>	-	Rs. 1,29,200.00	DFO, Social Forestry (CEO)

Rs. 28,23,000.00

## IV. Rs. 17,10,000.00

For 2008-09	Rs. 8,50,000.00
For 2009-10	Rs. 5,10,000.00
For 2010-11	Rs. 3,40,000.00
	Rs. 17,00,000.00
For Demonstration Plot	Rs. 10,000.00

	Rs.17,10,000.00
--	-----------------

#### 5.2.4 DETAILS OF HA. RESTOCKING (2008-09)

Ref: REWP/NBM/FDA/Siv/08-09 dtd. 10-12-08

##### Improvement of Degraded Bamboo

Sl. No	JFMC	Area in Ha	Amount Disbursed
1.	Halua	10	Rs. 80,000.00
2.	Dangorikumar	10	Rs. 80,000.00
3.	Lukily	10	Rs. 80,000.00
4.	Lefera	10	Rs. 80,000.00
5.	Garupaban	10	Rs.240,000.00
6.	Singloo	10	Rs.160,000.00
7.	Noganodi	10	Rs. 80,000.00

**100 ha      Rs. 8, 00,000.00**

Total Rs. 9, 96,000.00 provided which include 80 ha plantation.

**Training (0.76 lakh) / Workshop (1.0 lakh) /Demonstration Plot (0.10 lakh)**

#### 5.2.5 DETAILS OF 50 HA. PLANTATION (2010-11)

Ref: BDA.1/NBM/FDA/Sivasagar/10-11 dt. 1-10-10

Sl. No.	JFMC	Advance Work		Creation	
		Area	Amount	Area	Amount
1.	Halua	25 ha	Rs.1,56,250.00	25 ha	Rs.1,56,250.00
2.	Lakily	25 ha	Rs.1,56,250.00	25 ha	Rs.1,56,250.00
		<b>50 ha</b>	<b>Rs.3,12,500.00</b>	<b>50 ha</b>	<b>Rs.3,12,500.00</b>
					<b>0</b>

#### 5.2.6 DETAILS OF 100 HA. RESTOCKING (2010-11)

Ref: NBM/FDA/Sivasagar/10-11 dt. 17-1-2011

<u>Restocking of Bamboo Plantation</u>			
<u>Sl.No</u>	<u>JFMC</u>	<u>Area in HA</u>	<u>Amount Disbursed</u>
1.	Garupaban	60	Rs 4,80,000.00
2.	Lakily	20	Rs 1,60,000.00
3.	Halua	20	Rs 1,60,000.00

<b>Total</b>	<b>100 ha</b>	<b>Rs. 8,00,000.00</b>
--------------	---------------	------------------------

### 5.2.7 DEMONSTRATION PLOTS: 9 NOS. = RS. 90, 000.00

2006-07 (REWP/NBM/FDA/Siv/06-07 dtd. 26-12-2007)	:1 no.	i. Garupaban JFMC (Somdar)
2008-09 (REWP/NBM/FDA/Siv/07-08 dtd. 20-06-2008)	:6 nos.	i. Garupaban JFMC ii. Dangori Kumar JFMC iii. Sapekhati JFMC iv. Janekipathar JFMC v. Noganodi JFMC vi. Singlo JFMC
2008-09 (REWP/NBM/FDA/Siv/08-09 dtd. 10-12-2008):2 nos.		i. Halua JFMC ii. Luckily JFMC

### 5. 2.8 NURSERY: 0.25 HA: RS. 2, 73,000.00

Somdar Nursery: 2007-08 (REWP/NBM/FDA/Siv/06-07 dtd. 6-6-2007)

### 5.2.9 Consolidated Reports on Activities/ Works executed under NAP – in Sivasagar Forest Development Agency since inception

Sl. No.	Year of Reference	Amount provided & utilized	Details of works executed	Remarks
1	2005-06	Rs. 1700000.00	AN = Advance Works: 150 Ha ANR = Advance Works: 100 Ha	
2	2006-07	Rs. 1500000.00	AR = Creation : 150 Ha Advance Works : 150 Ha ANR = Creation :100 Ha	
3	2007-08	a. Rs. 600000.00 (Additional Advance work Project) b. Work executed, but no fund	AR = Advance Works : 50 Ha RPH & S= Advance Works:50 Ha AR= Creation : 150 Ha 1 <sup>st</sup> Maintenance: 150 Ha ANR = 1 <sup>st</sup> Maintenance : 100 Ha	
4	2008-09	Rs. 3300000.00	AR= Advance Works : 25 Ha Creation: 50 Ha 1 <sup>st</sup> Maintenance: 150 Ha (50% fund received) 2 <sup>nd</sup> Maintenance: 150 Ha( -	

			do- ) ANR= Advance Work: 200 Ha 2 <sup>nd</sup> Maintenance: 100 Ha (50% fund received) RPH & S= Creation: 50 Ha An amount of Rs. 17,98,750.00 was spent towards M&E, overhead, SMC, EPA & awareness of 2008-09 and committed liabilities on the works, overhead, M&E etc. executed during 2007-08.	
		Rs.7100000.00		

**N.B.** An amount of Rs.8, 70,500.00 is for committed liabilities for 2008-09 for incurring expenditure and 2<sup>nd</sup> maintenance of 100 Ha, ANR, 1<sup>st</sup> maintenance of 150 Ha. AR, 2<sup>nd</sup> maintenance of 150 Ha. AR and other related works viz. SMC, EPA, Awareness, Microplanning, Fencing, M&E Overhead, which to be cleared during 2009-10.

#### 5.2.10 Details of Activity under National Bamboo Mission in Garupaban

Garupaban JFMC(NBM)		
Year	Physical	Financial (In Lakh)
2007-08	100 ha (creation)	14.24
	0.25 ha Nursery (creation)	2.73
2008-09	100 ha Maintenance	4.74
2009-10	Maintenance	2.85
2010-11	Maintenance	1.79
2007-08	20 ha (creation)	2.32
2008-09	Maintenance	0.948
2009-10	Maintenance	0.768
2010-11	Maintenance	0.49
2011-12	Maintenance	0.198
2008-09	30 ha (creation)	3.525
2008-09	30 ha Restocking	2.40
2010-11	60 ha Restocking	4.80

2007-08	Demonstration 10 ha	0.10
2008-09	Demonstration 10 ha	0.10
2013-14	50 ha (creation)	4.0

### 5.3 Schemes of other Departments

#### 5.3.1 SCA TO TSP during 2008-09 under Sivasagar FDA

Sl. No.	Name of JFM C Village	Road			School			Water Channel			Water Tank			Solar Power Plant			-			Total
		Physical	Financial	Fund Released	Physical	Financial	Fund Released	Physical	Financial	Fund Released	Physical	Financial	Fund Released	Physical	Financial	Fund Released	Physical	Financial	Fund Released	
1	Singlao	2.00	7.52	5.264	1	2.75	1.925	2	2.00	1.4	1	200	1.4	-	-	-	-	-	-	9989

Remarks: Only 70% (Approx.) fund has been released.

**GARUPABAN JOINT FOREST MANAGEMENT COMMITTEE  
SIVASAGAR FOREST DIVISION, EASTERN ASSAM CIRCLE**

**Micro-Plan  
(2016-17 to 2026-27)**

**PART-II**



## **6. Microplan Objectives, SWOT and GAP Analysis**

### **6.1 Microplan Objectives**

A village level Micro-Plan is a village development plan and forest development plan, which is need, based and site specific, commensurate to available resources. As the unit of the plan is small, it is called a micro plan. The Microplan tries to meet the twin objectives of:

- i. Enhancing livelihoods
- ii. Biodiversity conservation and maintaining the ecological balance

In India, micro-plans have become an integral part of the joint forest management approach adopted by the Government of India. In this context, a micro-plan is a simple document prepared with the active participation of the community members. The community (village) is the unit for such micro-planning. The document aims to link local forest based resources to local needs and programme objectives of the Forest Department. As per the JFM Guidelines of 2000, the Forest Officers and JFMC should prepare a micro plan after having detailed PRA exercise in the village. The micro-plans of the JFMC/ EDC are to be incorporated into the working plans of the Forest Department.

The present micro-plan has been prepared by members of the community, including both male and female members. This document has emerged as an outcome of the following Participatory Rural Appraisal (PRA) process undertaken by the community and personnel of RashtriyaGraminVikasNidhi (RGVN) in May 2016. The various steps followed are enumerated briefly below:-

- a) Community meetings organized at the outset in May 2016 to discuss the objective of the project and obtaining their cooperation to gather the required information about the community and its contexts;
- b) Collection of the baseline data on the community and its contexts as per the available formats;
- c) Validation of collected information through community discussions held thereafter; and
- d) Preparing the outline of the Action Plan as per the community participation and feedback.
- e) The micro-plan has been compiled by RGVN based on the project guidelines.

The document has been discussed and finalized for adoption in July 2016.

## **6.2 Need Assessment and GAP Analysis**

Based on the resource assessment, capacity assessment, livelihood assets mapping and vulnerability assessment through focused group discussions, PRA exercises, village level and household level survey, the need assessment, gap analysis and SWOT analysis was carried out. The action plan, livelihood, village development strategies and forestry development plan were conceptualized for the JFMC primarily based on this analysis.

Training Need Assessment:

- a. **Capacity building** of communities through regular awareness programmes on important development issues like Forests and Biodiversity, Sustainable development, climate change issues, Gender issues, Financial inclusion, importance of WATSAN, Soil and water conservation, flood management should be carried out. A mechanism for the same is proposed in the action plan for village development.
- b. **Skill Development:** Conducting regular review of livelihood skills and providing specialized training on use of equipments and tools and processes and procedures for livelihood enhancement to be conducted on a regular basis as proposed in the action plan for livelihood development.

## **GAP Analysis**

- Poor communication network
- Lack of proper Infrastructure
- Poor financial literacy
- Water sanitation issues
- Drinking water issues
- No protection from forest fire
- No proper scientific measures for protection from elephant depredation

## **6.3 SWOT Analysis**

The SWOT analysis was carried out through participatory approach by involving both male and female members of the community.

### **Strengths**

- i. Fertile land which is good for crop cultivation
- ii. Good traditional weaving and crafting skills
- iii. Indigenous knowledge about different pest management techniques and medicinal plants

### **Weaknesses**

- i. Poor transport and communication
- ii. Poor sanitation facilities
- iii. Lack of scientific knowledge of crop cultivation
- iv. Lack of proper infrastructural facilities

### **Opportunities**

- i. Organic farming
- ii. Nursery plantation
- iii. Tailoring
- iv. Bamboo crafts

### **Threats**

- i. Animal depredation
- ii. Forest fire

## **6.4 PRA Exercise**

Appendix VI(A) to VI(D) gives the **PRA** maps

Team from RGVN Guwahati carried out PRA exercise in Garupaban village as follows:

**Date: 29.5.2016    Location: Garupaban**

**Numbers Present:45**

**In Presence of:** JFMC office bearers, Village Headman, community members, Forest Department personnel, etc.

Awareness and orientation programme was conducted at village level before taking up the participatory mapping and transect walk. The main themes covered during awareness and orientation included the following:

- (a) Participatory Planning
- (b) Participatory tools & Methods

- (c) Importance of Microplanning and role of JFMC
- (d) Environmental issues
- (e) Climate change and Climate variation
- (f) Ecological balance and Ecosystem management ( traditional and scientific)
- (g) Sustainable livelihood Framework
- (h) Livelihood Assets Pentagon and importance of social capital
- (i) Cluster formation & SHG , Financial inclusion
- (j) Marketing and Value addition
- (k) Development agenda and its relationship with environment and ecological balance
- (l) Gender Issues and gender equality

**Observations:** The communities actively participated during the discussions and PRA exercise. The following important points have emerged:

- People expressed that the JFMC have not been very active in the past due to lack of funds and projects
- There have been very few awareness and orientation programs in the JFMC in the past.
- They appreciated the importance of micro planning and were very supportive and cooperated during the micro planning process.
- While some NGOs have been visiting the JFMC they only collected data and information but did not take up any development activity.
- It was for the first time that Under the APBFC the NGO has come and interacted with the community and created awareness and proper orientation not only about the project but also on the development issues including environmental and ecological aspects to growth and development.
- The communities have good local wisdom and traditional knowledge regarding the environment, forestry and other livelihood issues like pest control, livestock management etc.
- They shared their concern over the climate variation and its ill effects on agriculture and health in the village. They are keen to learn more on the scientific facts about climate change issues.
- A sense of importance was observed among the people as they understood the important role they had towards reducing causes leading to climate variation by protecting the nearby forests and a sense of ownership seems to be gripping them boosting their self-

esteem.

**Community Need Assessment:** Based on the PRA exercise, Focus group discussions, consultations with village community, JFMC members, forest staff and other stakeholders the Village Development plan and Livelihood development Plan was prepared for the JFMC. Through the participatory approach the community Need Assessment was carried out. The people's needs can be categorized as follows:

**1. Structural Needs**

**2. Non Structural needs**

These needs can be classified further into long term needs and short term needs. The details of the community needs are given in the village development plan.

The structural needs of the people have direct and indirect linkage with livelihood improvement. These include improvement of infrastructure like roads, school buildings, Health care infrastructure, drinking water supply system, water tanks, ring wells etc. Construction of toilets, community halls and training sheds, market sheds.

The non-structural needs of the people include provision for skill training, provision of veterinary services, health care services, mobile doctors team, requirement of teachers for schools in the villages, capacity building through training and awareness on financial inclusion, SHG and cluster formation, provision for raw materials, village maintenance & development fund/ community fund for JFMC, Value addition of traditional products and marketing linkages. Exposure visits to best practice sites relating to joint forest management, community participatory project sites, artisans' villages and participation in melas, trade fairs etc.



## 7. Village Development Plan

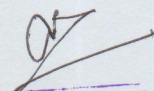
For village development, the community proposes to take up a number of Entry Point Activities. The EPA includes infrastructure development and skill development and both are directly linked with each other.

The measures planned by the community members for their overall development are:

- i. Water supply facility in the village is not sufficient and people in the area are facing difficult situations in their daily life. So, construction of a water supply facility in Athkhel No-01 will be very beneficiary the people of the village.
- ii. There is a necessity of a guest house in the area as there are no other facilities for the guests and other officials to be accommodated while they are in visit. So, construction of a guest house in Athkhel No 01 will be helpful.
- iii. The community members and the crop lands are vulnerable to diseases. So, proper awareness of crop and health insurance will be very beneficial.
- iv. Sanitation in the village is very poor and proper sanitation is very necessary for a disease free environment. So, construction of sanitary latrine in the Athkhel will be very useful.

### 7.1 Ranking of EPA

Rank	Village EPA as ranked	Details
1	PHE	Providing water supply to the people of Athkhel Grant No 01
2	Guest House	Construction of guest house near Athkhel Grant No 01
3	Sanitation	Providing sanitation facility at Athkhel
4	Gas Connection	Providing gas connection to BPL card holders
5	Construction of roads	1 Bridge 2 Culverts (½ Km)
6	Botanical Garden	Construction of botanical garden at Athkhel Grant No 01
7	Fishery Plantation	Construction of Fishery near Geleki Forest

  
Divisional Forest Officer,  
Division, Sivasagar

## **8. Livelihood Development Plan**

### **8.1 Ranking of Livelihood and Skill Development**

- Agriculture & Horticulture
- Small Tea Cultivation
- Livestock
- Skills Development
- Apiculture
- NTFP

### **8.2 Livelihood Opportunities were identified as follows:**

- Agriculture and Horticulture
- Small Tea Cultivation
- Livestock
- Skills Development
- Apiculture
- NTFP

### **8.3 Agriculture & Horticulture**

The main constraints are:

- (a) Low production due to Pest and Disease attack
- (b) Loss of Banana trees due to Elephant depredation
- (c) Low production in Water logged area
- (d) Lack of knowledge about scientific method of crop cultivation

The opportunities are:

- (a) Large scale cultivation of black pepper
- (b) Provision of organic farming
- (c) Provision of setting up of Tea and other Fruits and Medicinal plants nursery

### **8.4 Livestock**

The main constraints are:

- (a) No veterinary services
- (b) Lack of knowledge about scientific livestock rearing methods
- (c) Lack of grazing area

The opportunities are:

- (a) Goatery farm
- (b) Piggery farm
- (c) Duckery and Poultry

The suggested programme is: Skill Development Training in concerned subjects.

### **8.5 NTFP**

The main constraints are:

- (a) Lack of value addition/processing/ packaging unit
- (b) Lack of marketing linkage
- (c) Lack of proper knowledge about value addition

The opportunities are:

- (a) Value added products
- (b) Boosting income generation
- (c) Medicinal plants can be used for preparation of different medicines

### **8.6 Specialized Skills**

The main constraints are:

- (a) Financial problem
- (b) Lack of access to modern tools and implements
- (c) Lack of product diversification

The opportunities are:

- (a) Weaving
- (b) Cane and Bamboo Craft
- (c) Provision of different agro-based enterprises like apiculture and nursery

### **8.7 Credit Facility**

The main constraints with the reasons are:

- (a) Poor awareness about Microfinance Institutions
- (b) Higher rate of interest charged by private money lenders
- (c) Lack of knowledge about different schemes launched by the government for providing



loans

The opportunities are:

- (a) Micro finance Institutions
- (b) Motivation to form SHG
- (c) Provision of coverage under different government schemes

### **8.8 Strategic Interventions**

Summarizing the suggested programmes above as strategic interventions for the Livelihood Development Plan:

- 1. Goatery
- 2. Piggery
- 3. Poultry and Duckery
- 4. Raising tea and different fruits and medicinal plants nursery
- 5. Weaving
- 6. Cane and bamboo crafts
- 7. Carpentry

### **8.9 Income Generating Activities**

The main income generating activities as planned at the village are:

- 1. Weaving
- 2. Cane and Bamboo Craft
- 3. Goatery
- 4. Carpentry
- 5. Poultry
- 6. Apiculture
- 7. Raising tea and different fruits and medicinal plants nursery

### **8.11 Exposure Trips**

The following exposure trips are planned:

- 1. Good practices /projects of JFMC in North Eastern Region
- 2. Participation in melas and fairs like SARAS mela and other melas organized by TRIFED
- 3. Trips to nearby countries on training on bamboo treatment and handicraft/furniture making.

### **8.12 Convergence**

The planned initiatives may be converged with the following schemes of the Government of India:

- (a) National Rural Employment Guarantee Scheme - for rural employment
- (b) RashtriyaKrishiVikasYojana (RKVY) - for agricultural and allied development
- (c) RashtriyaKrishiSinchayYojana (RKSJ) - for irrigation, including watershed development
- (d) National Rural Livelihoods Mission
- (e) Skills Development schemes
- (f) Prime Minister UjjwalaYojana
- (g) NRLM
- (h) NRHM
- (i) Bamboo Mission
- (j) Other schemes for rural development and livelihoods as found appropriate.

The above convergence will yield synergies for the present plan, as well as help in sustaining the planned works in the post-project period.

## 9. Forest Development Plan of Garupaban JFMC

This Forest Development Plan has been prepared after a detailed PRA exercise at the village level as a part of the Micro-Plan of Garupaban JFMC. The objective of this plan is to provide for the sustenance of the conservation and bio-diversity values, environmental functions and productive potential of the forests assigned to the JFMC; while meeting the consumption and livelihood needs of the community in a sustainable manner.

The micro-plan takes into consideration the following categories of the JFM Forests of the Garupaban JFMC:

- (a) Forest areas assigned to the JFMC by the Forest Department; and
- (b) Areas planted / to be planted on community lands and other lands outside the notified forest area.

The status of both the above categories of JFMC forests is briefly discussed below.

### 9.1 Forests & Their Conditions

The conditions of the forests of the Garupaban JFMC have been summarized below.

**Table-1: Conditions of the Forests of Garupaban JFMC**

Identification	Area of JFMC Forest (Ha)	Distance from Village (Km)	Condition of Forest [Good - Forest with crown density of 40% of more Else 'Degraded']	Frequency of Use by Community [2-3 m / 3-6 m / 6-9 m / Over 9 m]
<b>(A) Assigned Forest</b>	500Ha	2 K.M		
RF / PF Name: GELEKY Beat: Athkhel Compartment:			Good Area: 285 Ha Degraded Area: 215Ha	
<b>(B) Other Planted Area</b>				
Location: Type of Forest: VF / Other _____				
<b>TOTAL</b>			Good Area: 285 Ha Degraded Area: 215 Ha	

**Source:** Discussions with Forest Department personnel & Community members  
It is seen that the Garupaban JFMC has 500 Bigha under its forests, of which 285 Ha is 'Good' (Crown density >40%) and the rest is 'Degraded'.

### 9.1.1 Forest Soil Type

The forests of Garupaban JFMC are located in red sandy type(s) of soil. Some salient points of the forest soil type have been given in the following table.

**Table-2: Forest Soil Type in Garupaban JFMC**

Parameter	Status in Assigned Forests	Status in Other Planted Areas
Fertility Level	Fertile	
Soil Erosion Status	No	
Presence of:		
(a) Silt	No	
(b) Mud-flat	No	
(c) Newly accreted land	No	
(d) Sand dune	No	

**Source:** Discussions with Forest Department personnel & Community members  
For the Garupaban JFMC; the salient points of the forest soil type are summarized below:

- (a)Sandy Soil
- (b)Fertile Soil
- (c)Red Soil

### 9.1.2 Existing Composition of Flora

In the forests of the Garupaban JFMC, the existing composition of the flora has been given as follows. It may be noted that the local forests are classified as Evergreen Forests.

**Table-3: Existing Composition of Flora in the GarupabanJFMC**

Parameter	Local Name(s)	Botanical Name(s)
Major Forest Species	Segun	<i>Tectora grandis</i>
	Himolu	<i>Bombaxceiba</i>
	Titasopa	<i>Michelia champaca</i>
	Sasi	<i>Aquilaria malaccensis</i>
Shrubs	TikoniBarua	<i>Byttneriagrandiflora</i>
Medicinal Plants	Neem,	<i>Azadirachta indica</i>
	Bhatgila	<i>Oroxylum indicum</i>
	Tej Mori	<i>Xanthoxylum nitidum</i>
	Bhedailota	<i>Hedyotis scandens</i>
Others, if any	Dhekia	<i>Blechnum orientale</i>

**Source:** Discussions with Forest Department personnel & Community members  
Composition

### 9.1.3 Village Management in the Past

The measures taken by the Garupaban JFMC for forest protection in the past have been discussed as follows:

- a) Number of households involved: 178
- b) Number of people involved: 791
- c) Summary of the measure: Protection of the reserve forest
- d) Formal mechanism: Patrolling by the villagers with forest staff

### 9.1.4 Domestic Requirements of Forest Produce

The dependency of the local community on forest produce for household requirements is available in the table given at below.

**Table-4 (A): Domestic Requirement of Forest Produce per Household of the Garupaban JFMC**

Name of Forest Produce	Average Household Requirement		How met at Present	Source
	Frequency of Requirement	Approx. Qty		
Firewood	Daily	15 kg	Forest	Forest
Timber for House	Ocassionally	20cft/annum	No provision from forest department	Forest
Small timber for Implements	Ocassionally	5cft/annum	No provision from forest department	Forest
Bamboo	Monthly	20 pc		Forest
Fodder from Forest	Daily	40kg		Forest
NTFP				
a) Edible Fern	Daily	2 hand bundle		Forest
b) Bhedailota	Weekly	1 hand bundle		Forest
c)Bamboo Shoot	Daily	5 Nos.		Forest
Other				

**Source:** Discussions with Forest Department personnel & Community members

There are 275 households in the Garupaban JFMC. From the above table and this number of households, it is inferred that the total annual requirements of the Garupaban village for forest produce for own use is as follows:

**Table-4 (B): Total Domestic Requirement of Forest Produce - All Households of the GarupabanJFMC**

Name of Forest Produce	Community Requirement (Kg per annum) (*)	Remarks
Firewood	974550 kg	Firewood required per annum
Timber for House	5500 cft/annum	
Small Timber for Implements	1350 cft/annum	
Pole / Bamboo	42720 pc	
Fodder from Forest	2598800 kg	
NTFP		
a) Edible Fern	129940 hand bundle	
b) Bhedailota	9281 hand bundle	
c)Bamboo Shoot	324850 Nos.	
Other	—	—

**Source:**Table - 4(A) at above & Total Household Number from Community records  
 (\*) = Approx. Qty. of Average Household Requirement (from Table-4 (A) x 178 Households

#### 9.1.5 Collection & Marketing of Forest Produce by Villagers

Apart from use in the households, the community dependency on forest produces also includes the collection of such items for sale in local markets. The collection and marketing of forest produce by villagers of Garupaban JFMC is given in the following table.

**Table-5 (A): Collection & Marketing of Forest Produce by Villagers of the GarupabanJFMC**

Name of Forest Produce	Collection for Marketing			Location of Collection
	Season / Months	No of Households Collecting	Average Qty. Collected (Kg)	
Firewood	Collection and marketing of forest products in the area is prohibited.			
Timber for House				
Small timber for Implements				
Bamboo				
Pole				

Fodder from Forest	
NTFP	
Other	

**Source:** Discussions with Forest Department personnel & Community members  
In the above connection, the following table gives additional pertinent information.

**Table-5 (B): Collection & Marketing of Forest Produce - Additional Information  
[Garupaban JFMC]**

Name of Forest Produce	Surplus Marketed (Kg)	How marketed	Average Income per HH from sale of Forest Produce
Firewood	Collection and marketing of forest products in the area is prohibited.		
Timber for House			
Small timber for Implements			
Bamboo			
Pole			
Fodder from Forest			
NTFP			
Other			

**Source:** Discussions with Forest Department personnel & Community members

#### 9.1.6 Total Requirements of Forest Produce - Domestic Use & Marketing

The total requirements of forest produce by the community members of the Garupaban JFMC have been summarized below - based on the information in the previous sub-sections.

**Table-6: Total Requirements of Forest Produce by Villagers of the Garupaban JFMC**

Name of Forest Produce	Community Requirement (Kg per annum) From Table-4(B)	Surplus Marketed (Kg) From Table-5(B)	Total Requirements (Kg)
Firewood	974550 kg		974550 kg
Timber for House	—		—
Small timber for	—		—

<b>Name of Forest Produce</b>	<b>Community Requirement (Kg per annum) From Table-4(B)</b>	<b>Surplus Marketed (Kg) From Table-5(B)</b>	<b>Total Requirements (Kg)</b>
Implements			
Bamboo	42720 pc		42720 pc
Pole	2598800 kg		2598800 kg
Fodder from Forest			
NTFP			
a) Edible Fern	129940 hand bundle		129940 hand bundle
b) Bhedailota	9281 hand bundle		9281 hand bundle
c)Bamboo Shoot	324850 Nos.		324850 Nos.
Other	—		—

**Source:** Tables 4 (B) & 5 (B) of this Section, given at the previous pages

## 9.2 Forest Protection Issues

### 9.2.1 Protection Problems

The protection issues of the forests of Garupaban JFMC have been summarized below.

**Table-7: Protection Problems of the Garupaban JFMC**

<b>Type of Problem</b>	<b>Relevant (Yes / No)</b>	<b>Significant (Yes / No)</b>
Grazing - Local Animals	Yes	Yes
Grazing - Animals from Other Area	No	Yes
Illicit Felling of Timber	No	No
Smuggling of Timber	No	No
Accidental Fires	Yes	Yes
Encroachment of Forest Lands	Yes	No
Others		

**Source:** Discussions with Forest Department personnel & Community members

Thus, it is seen that the significant forest protection issues facing the above JFMC are:

- (a) Grazing of local animals
- (b) Grazing of animal from other areas

### 9.2.2 Reasons for Degradation of the Forest

In the Garupaban JFMC, the reasons for degradation of forest are as follows:

- (a) Encroachment of land for tea garden



(b) Grazing

[Source: Discussions with Forest Department personnel & Community members]

### 9.3 Components of the Forest Development Plan

The following sub-sections discuss the main components of the Forest Development Plan of Garupaban JFMC; viz. the plans for Protection, Forest Improvement (Treatment), Nursery Development, Maintenance and Miscellaneous Operations.

#### 9.3.1 Protection Plan

The Protection Plan given at below, discusses the measures for the protection of the forests of Garupaban JFMC from the issues discussed earlier at Sub-section 3.1

**Table-8: Protection Plan of the Garupaban JFMC**

<b>Protection Work</b> [to be filled from Table 3.7 of Proforma-3 as applicable]	<b>Location in Forest Area</b>	<b>Quantification of the Measures</b> [Length, Area, Size etc.]	<b>Timing</b>	<b>Priority</b> [High / Medium / Low]
Forest fire protection plan by committee and forest staff	Geleky Reserved Forest	285 Ha	December to April	High

**Source:** Discussions with Forest Department personnel & Community members

Thus, it is seen that the significant protection measures planned to be undertaken in the Garupaban JFMC (with high / medium priority) are as follows:

- (a) Forest Fire protection plan
- (b) Fencing

#### 9.3.2 Types of Operations Proposed

The types of operations proposed for the treatment of degraded areas of the JFMC Forest of Garupaban JFMC are given hereunder.

**Table-9: Types of Operations Proposed in the Garupaban JFMC**

<b>Treatment</b>	<b>Required (Yes/ No)</b>	<b>Responsibility of JFMC (Yes / No)</b>	<b>Month / Year when can be done</b>	<b>Extent of Area proposed for Treatment (Ha)</b>
Restoration of Degraded Forests	Yes	Yes	Jan to dec	100 Ha
Protection to Cut Stumps of Trees	Yes			
Watershed Treatment	No			
Water Reservoirs	yes	yes	Jan to Dec	2 Ha
Grass & Silvi-pasture	Yes	Yes	1-2 Yr	100 Ha
Bamboo Plantation	No			
Seed Sowing	No			
Root & Shoot Cutting & Plantation	Yes	Yes	April to August	285 Ha
Cut Back & Coppice Treatment	No			
Physical Fencing	No			
Social Fencing	Yes	Yes	4 Yrs	Whole Area
Other Activities (Goatery and Cattle Rearing)	Yes	Yes	5 Yrs	5 Ha

**Source:** Discussions with Forest Department personnel & Community members

Thus, it is seen that the following are the treatment operations which have been proposed in the forest area of the Garupaban JFMC:

- (a) Restoration of Degraded Forests
- (b) Protection to Cut Stumps of Trees
- (c) Grass & Silvi-pasture
- (d) Bamboo Plantation

### **9.3.3 Forest Improvement Plan - Advance Works & Creation**

The pertinent details in the above connection have been tabulated as follows.

**Table-10: Forest Improvement Planned in the Garupaban JFMC**

<b>Treatment</b>	<b>Area in Ha under Plantation Module</b>	<b>Priority for Block Plantation</b>	<b>Species</b>	<b>Spacing (metre x metre)</b>
Assisted Natural Regeneration (with plantation in gap)				
Block Plantation	100 Ha	Yes	Sam, Khokon, Titasopa	3X3
Sowing of Neem, Amla, Mahua, Bahera (Medicinal Plants)	2.5 Ha	Yes	Bhatghila, KujiThekera, Bohot, Helesh	3X3
Enrichment Plantation				
Direct Plantation				
Other				
TOTAL AREA (in Ha)				

**Source:** Discussions with Forest Department personnel & Community members

#### 9.4 Forest Improvement - Annual Targets

The annual targets in the above connection are given below for a ten year period.

**Table-10 (A): Annual Targets of Forest Improvement in Garupaban JFMC (Year-1 to Year-5)**

<b>Treatment</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>
Assisted Natural Regeneration (with plantation in gap)					
Block Plantation		25	25	25	25
Sowing of Neem, Amla, Mahua, Bahera (Medicinal Plants)		10	5	5	5
Enrichment Plantation					
Direct Plantation					
Silvi-cultural Operations					
Intermediate Operations					

**Source:** Discussions with Forest Department personnel & Community members

**Table-10 (B): Annual Targets of Forest Improvement in Garupaban JFMC  
(Year-6 to Year-10)**

<b>Treatment</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>
Assisted Natural Regeneration (with plantation in gap)					
Block Plantation					
Sowing of Neem, Amla, Mahua, Bahera (Medicinal Plants)					
Enrichment Plantation					
Direct Plantation					
Silvi-cultural Operations					
Intermediate Operations					

**Source:** Discussions with Forest Department personnel & Community members

#### **9.4.1 Nursery Development Plan**

The Nursery Development Plan for the GarupabanJFMC depends on the following types of Nurseries:

- (a) JFMC Nurseries (incl. Departmental Nursery)
- (b) Other Nurseries - SHG & Private.

The details are given below.

#### **JFMC Nurseries**

The following table gives the details of the nurseries of the Garupaban JFMC. This includes the Departmental Nursery involved in JFMC works.

**Table-11 (A): JFMC Nurseries of the Garupaban JFMC**

<b>Location of Nursery</b>	<b>Species</b>	<b>Year of Development</b>	<b>Number of Seedlings</b>	<b>Remarks</b>
GELEKY R.F	Vomore, Titasopa, Cham Kothal, Leteku, Poniya, Nemu,	2006	100000	Existing nursery to be improved.

Location of Nursery	Species	Year of Development	Number of Seedlings	Remarks
	BogiJamuk, BorJamuk, etc.			

**Source:** Discussions with Forest Department personnel & Community members

#### **Other Nurseries**

The following table gives the details of other nurseries near the Garupaban JFMC.

**Table-11 (B): Other Nurseries near the Garupaban JFMC**

Name of Nursery	Species	Year of Development	Number of Seedlings	Remarks
There are no other nurseries near the JFMC				

**Source:** Discussions with Forest Department personnel & Community members

#### **9.4.2 Maintenance Plan - 10 Years**

The maintenance plan for plantations raised in the Garupaban JFMC is given below.

This covers a period of ten years.

(A) Timber Species \_\_\_\_\_

**Table-12 (A): Maintenance Plan of Firewood Plantation in the Garupaban JFMC**

Year(s)	Treatment

**Source:** Discussions with Forest Department personnel & Community members

(B) Bamboo

**Table-12 (B): Maintenance Plan of Bamboo Plantation in the Garupaban JFMC**

Year(s)	Treatment
2016-17	30 ha
2017-18	30 ha
2018-19	30 ha

**Source:** Discussions with Forest Department personnel & Community members

(C) Fuel wood Plantation (Ghuraneem, Velkor, Chelleng, Chubabul, Jamuk)

**Table-12 (C): Maintenance Plan of Fuel Wood Plantation in the Garupaban JFMC**

Year(s)	Treatment
2015	Removal of weeds, Vacancy filling and mulching

**Source:** Discussions with Forest Department personnel & Community members

(D) NTFP / Medicinal Plantation

**Table-12 (D): Maintenance Plan of NTFP / Medicinal Plantation in the Garupaban JFMC**

Year(s)	Treatment

**Source:** Discussions with Forest Department personnel & Community members

#### **9.4.3 Miscellaneous Operations Plan**

The miscellaneous operations planned in the Garupaban JFMC are given below.

**Table-13): Miscellaneous Operations in the Garupaban JFMC**

Operation	Required (Yes / No)	Responsibility	Month / Year	Area (Ha)

**Source:** Discussions with Forest Department personnel & Community members

#### **9.4.4 Marketing Operations**

For produce from the Garupaban JFMC, the planned marketing operations are:

- (a) Bamboo sale
- (b) Firewood sale

### **9.5 Expected Benefits**

This sub-section furnishes the benefits expected from the forests protected by members of the Garupaban JFMC, as well as the sharing mechanism for the usufruct benefits.

#### **9.5.1 Expected Benefits Related to Wood & Grass**

The above has been tabulated below for the Garupaban JFMC. The benefits are expected from the forests protected by its members under this Forest Development Plan.

**Table-14: Expected Benefits from Forests Protected by Members of Garupaban JFMC**

Item	Month	Year (Indicative)	Quantity
Firewood	Apr-Dec	2020 onwards	45000 kg/year
Timber for House			
Small timber for Implements			
Bamboo	Apr-Dec	2016 onwards	12000 kg / year
Pole			
Fodder from Forest Trees & Grass	Apr-Dec	2016 onwards	25000kg/ year

NTFP			
Wages			
Other _____			

**Source:** Discussions with Forest Department personnel & Community members

### 9.5.2 Sharing Mechanisms

The sharing mechanism for the benefits is indicated below for members of the Garupaban JFMC.

**Table-15: Sharing Mechanism for Garupaban JFMC**

Method	Items
To be shared equally	All resources shared equally between JFMC & Dept.
To be freely collected by the members	Firewood, Jharu, Fodder and grass
Other Methods	

**Source:** Discussions with Forest Department personnel & Community members

## 10. Implementation Strategies, Timelines and Budget

### 10.1 Roles and Responsibility Matrix

For the three sub plans namely Livelihood Development Plan, Village Development Plan and Forest Development Plan, a matrix of roles and responsibilities has been developed. The matrices have been shown below for each of the sub plans separately.

#### Livelihood Development Plan

Stakeholders	Planning	Manpower	Training	Funding	Production & Value Addition	Marketing	M&E
JFMC	✓	✓			✓	✓	✓
NGO	✓	✓	✓		✓	✓	
Skilling Agencies	✓	✓	✓		✓		
Forest Deptt	✓	✓		✓		✓	✓
Line Deptt.	✓	✓		✓			✓

#### Village Development Plan

Stakeholders	JFMC	Forest Department	Line Departments	NGO	Training Institutions	Govt of India/Corp
Solar Power	✓	✓	✓	✓		✓
Solar/Hybrid Street Lights	✓	✓	✓	✓		✓
Sprinkler Irrigation	✓	✓	✓	✓	✓	✓
LPG	✓	✓		✓	✓	✓
Power Pumps	✓	✓	✓	✓		✓
Training Center	✓	✓		✓	✓	✓
Community Hall cum JFMC Office	✓	✓	✓			



Roads	✓	✓	✓			
WATSAN	✓	✓	✓	✓		✓
School	✓	✓				
Health Infra	✓	✓	✓	✓	✓	✓
Organic farming/ vermicompost	✓	✓	✓	✓	✓	✓

### Forest Development Plan

Stakeholders	JFMC	Forest Department	Line Departments	NGO	Training Institutions	District Admin
Forest Protection	✓	✓		✓		✓
Wildlife Protection	✓	✓	✓	✓	✓	
Habitat Improvement	✓	✓	✓	✓	✓	
Nursery Development	✓	✓		✓	✓	
Wetland Conservation	✓	✓		✓		✓
Man-Animal Conflict	✓	✓		✓		
Grazing Control	✓	✓	✓	✓		

### 10.2 Finance and Budget

The budget for the microplan has been prepared based on annual requirement of the three sub plans namely the Livelihood Plan, Village Development Plan and Forest Development Plan. The consolidated table is given below.

SI No.	Plan	Amount (Rupees)	Remarks
1.	Livelihood Development Plan		
2.	Village Development Plan		
3.	Forest Development Plan		
	<b>TOTAL</b>		

### **Livelihood Development Plan**

SI No.	Item of Work	Amount (Rupees)	Remarks
1.	Skill Development & Training		
2.	Dairy Farming		
3.	Poultry/ Fishery/ Duckery		
4.	Computers		
5.	Trades and Callings		
6.	Handicrafts		
7.	Kits and Equipment		
8.	Value Addition & Certification		
9.	Packaging and Marketing		
10.	Exposure Visits		
11.	SHG/ JLG/ Cluster Formation & Credit		
	<b>TOTAL</b>		

### **Annual Village Development Plan:**

SI No.	Item of Work	Amount	Remarks
1.	Solar Power		
2.	Solar/Hybrid Street Lights		
3.	Construction of Water Supply		
4.	Sprinkler Irrigation		

5.	LPG		
6.	Power Pumps		
7.	Training Center		
8.	Community Hall cum JFMC Office		
9.	Construction of Guest House		
10.	Roads		
11.	WATSAN		
12.	School		
13.	Health Infra		
14.	Organic farming/ vermi-compost		
	<b>TOTAL</b>		

### Annual Forest Development Plan

SI No.	Item of Work	Amount	Remarks
1.	0.25 Ha Nursery		
2.	50-100 Ha Fuelwood Plantation Creation		
3.	Desiltation of water bodies	5,00,000.00	
4.	Anti-Depredation Squad	5000.00	
5.	Crop Insurance	100,000.00	
6.	Life Insurance	200,000.00	
7.	Cattle Insurance	50,000.00	
	<b>TOTAL</b>		

### **10.3 Action Plans and Strategies:**

Each of the **three** plans namely the Village Development Plan, Forest Development Plan and Livelihood Development Plan would require short term and long term action plans strategies in order to realize the prescriptions of the Microplan. Short term strategies should focus on activities to be taken up from 0-5 years, and long term plan should focus on activities to be taken up in 5-10 years of this Plan.

#### **Livelihood Development Action Plan:**

The livelihood action plan may be divided into three parts namely, skilling, production & marketing and value addition. The most immediate want of the population is skilling. The skilling requirements needs to be viewed at basic level and advanced level. Once the trades and skill requirements have been frozen, the basic skills should be imparted within a period of 1 year for all willing members of the village both men and women in a phased manner. During this period, some of the trainees could also start production. The most marketable outputs need to be channelized to the available markets in order to create the brand effect and assess the marketability of the production in terms of quality and value.

#### **Village Development Action Plan:**

The village development action plan may be divided into the short term plan and the long term. In the short term plan activities like Solar lighting, Providing LPG connections, construction of Community hall and training centre and water sanitation needs would be addressed. In the long term plan for the village the activities like construction of schools, health care facilities would be taken up. Providing improved tools and equipments for enhancing agriculture production along with water sprinklers, power pumps would be provided.

**Forest Development Action Plan:** The forest development action plan comprises of the short term action plan and the long term plan. The short term plan includes formation and strengthening of forest protection squads, Nursery development, desiltation of water bodies and firewood plantations. In the long term action plan

activities like Plantation, Crop improvement and habitat improvement would be taken up.

#### **10.4 Institution Building, Networking and Partnership**

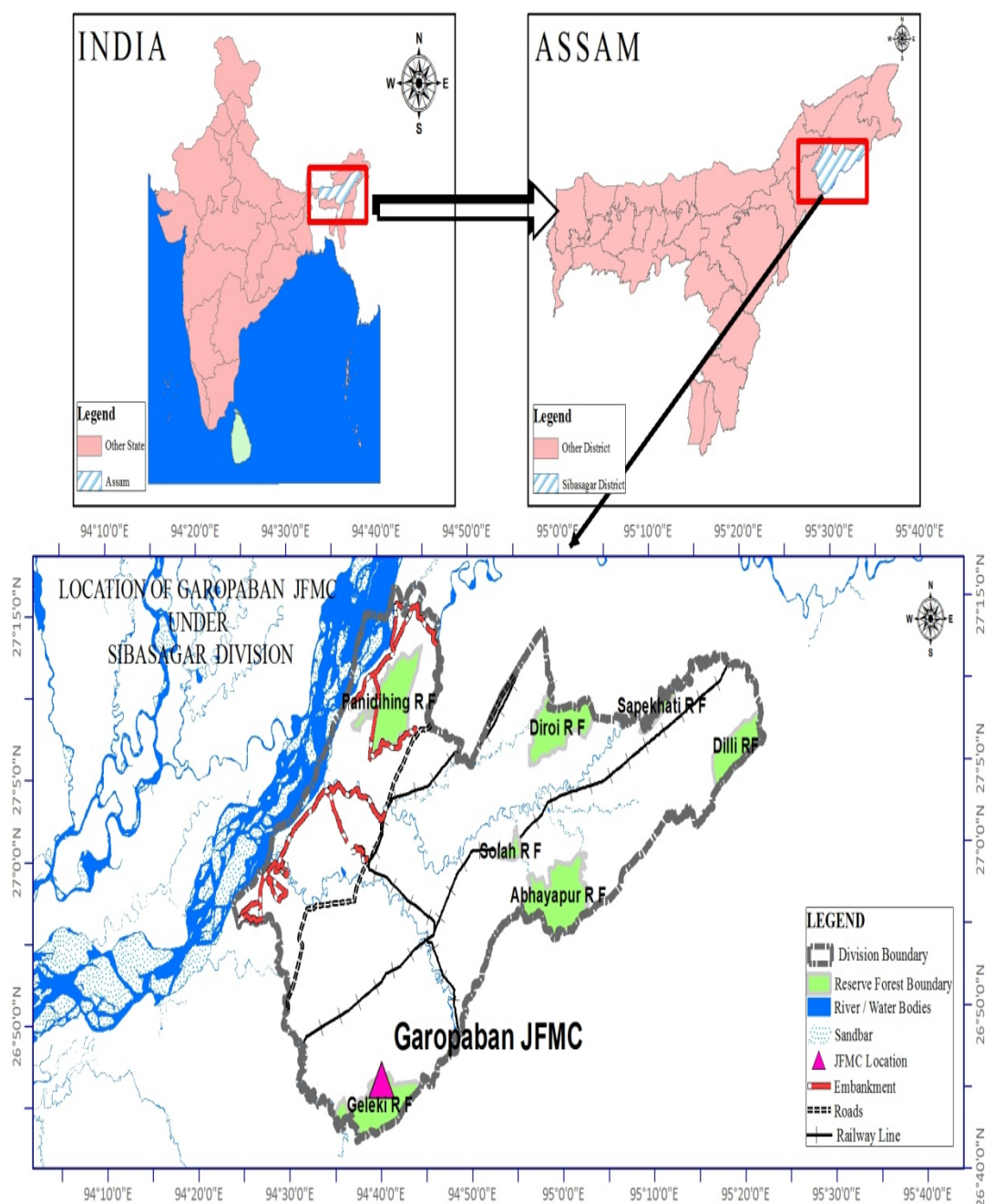
**JFMC:** The JFMC to be upgraded both in terms of its infrastructure assets and in terms of acting as a resource center for village and forestry development. The proposed JFMC office along with the community hall in the entry point activity to be provided with modern equipment like computer/ TV and support equipment like generator etc. Building capacity of JFMC members through training programs on use of computers, maintaining and updating records/ accounts keeping and village level/ forestry data on a regular basis. The JFMC office to be upgraded as a resource center, an activity and training hub. Improving their networking skills and creating awareness regarding development schemes of other departments and modalities for partnership.

## LIST OF APPENDIX

Appendix No	Title
I (A)	Location Map of JFMC in India
I(B)	Location Map of Garupaban
II	Approach to JFMC
III (A)	JFMC Registration certificate
III (B)	MoU / Resolution Certificate
IV	Executive Members of Garupaban JFMC.
V	Executive members group Photo of Garupaban JFMC
VI(A)	List of members present during PRA (Signed)
VI (B)	List of member present during FGD (Signed)
VII (A)	PRA-Community map of Garupaban JFMC
VII (B)	PRA-Resource map of Garupaban JFMC
VII (C )	PRA-Hazard map of Garupaban JFMC
VII(D)	Venn Diagram of Garupaban
VIII	Entry point activities of Garupaban JFMC
IX(A)	Training list of Garupaban JFMC (Proposed)
IX (B)	Training list of Nursery (Ongoing)
IX (C)	Training list of Tailoring (Ongoing)
X	Photographs
XI	GPS Coordinates
XII	SDP Report

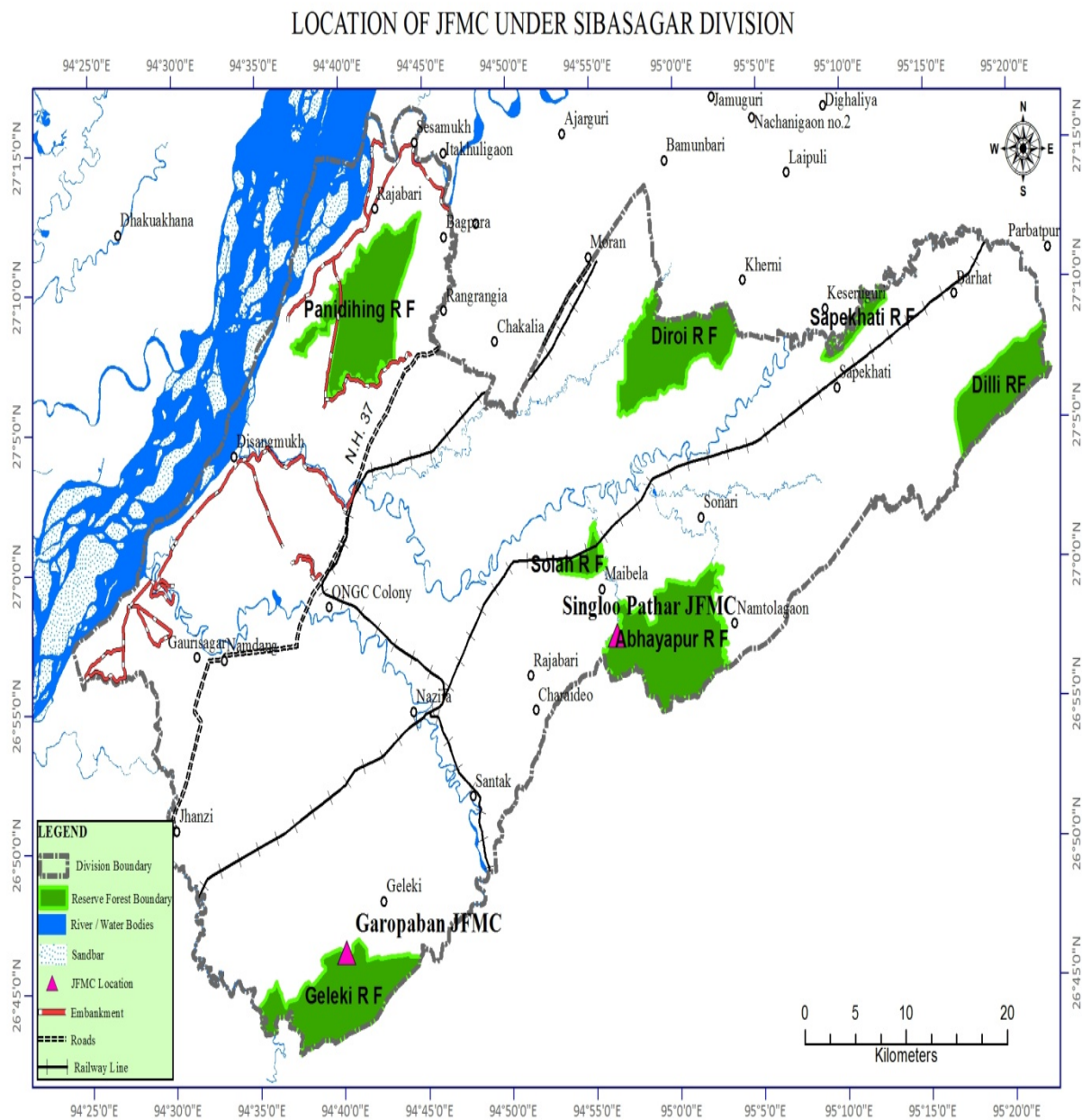
# APPENDIX –I (A)

## Location Map of JFMC in India



# APPENDIX – I (B)

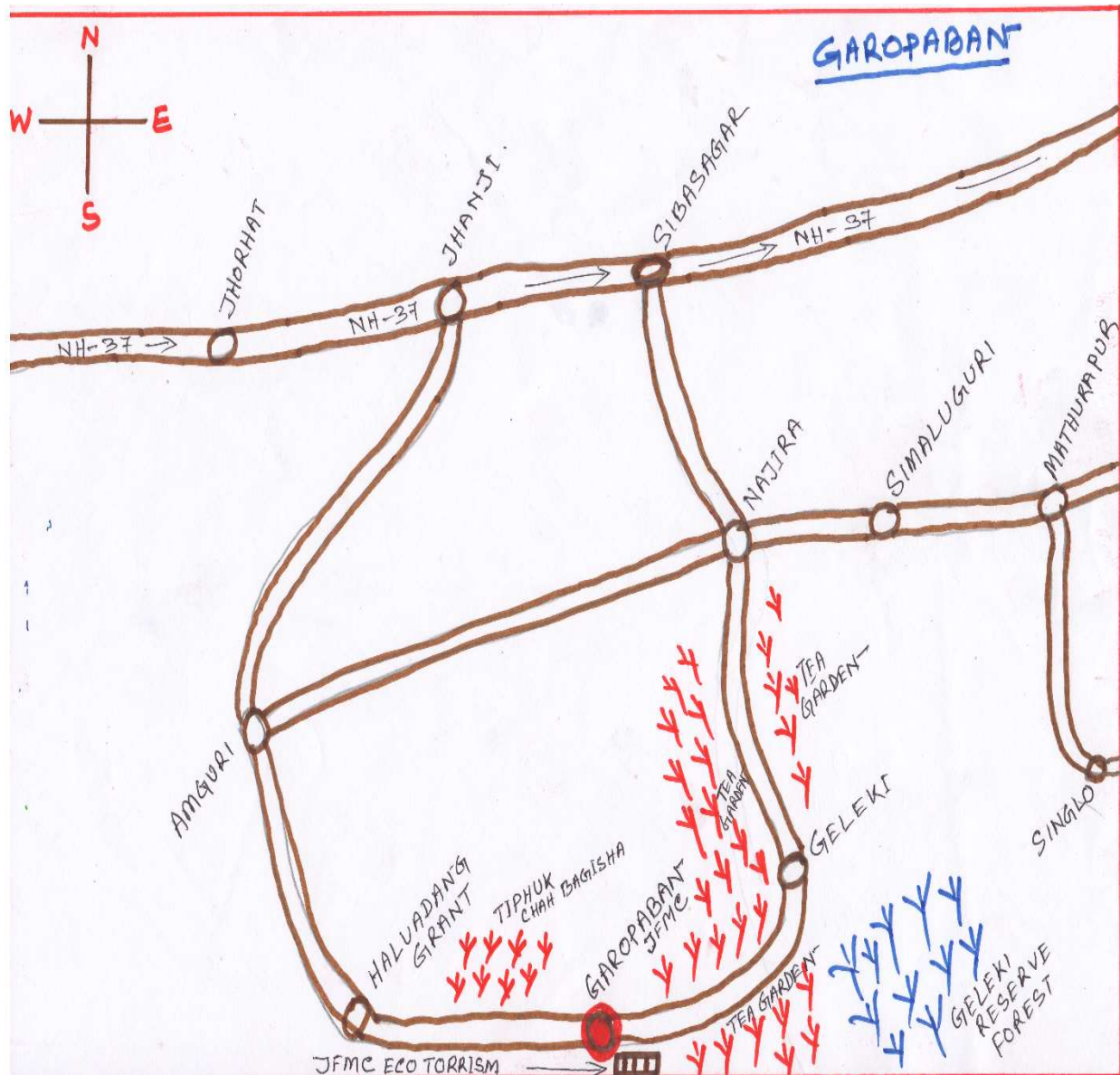
## Location Map of Garupaban JFMC





## APPENDIX –II

Approach to the JFMC



# APPENDIX-III (A)

## JFMC registration certificate

GOVERNMENT OF ASSAM  
OFFICE OF THE CONSERVATOR OF FORESTS: EASTERN ASSAM CIRCLE  
J O R H A T.

O.O.No. 345

Dt. 30/8/06

Registrations of New JFMC are formed in the name & style of 17 nos as listed below for the Sivasagar FDA in the District of Sivasagar are hereby registered in the office of the conservator of Forests, Eastern Assam Circle, Jorhat.

1. Garupaban Forest Protection and Regeneration JFMC.
2. Sapakhati Forest Village JFMC-No.2
3. Rangeli Forest Village JFMC.
4. Kurukoni Forest Village JFMC.
5. Ecsaw Forest Village JFMC.
6. Kheroni Forest Village JFMC.
7. Balijan Forest Village JFMC.
8. Hahiguri Forest Village JFMC.
9. Nirmolia Forest Village JFMC.
10. Botua Forest Village JFMC.
11. Tarani Forest Village JFMC.
12. Deogharin Forest Village JFMC.
13. Tiphuk Forest Village JFMC.
14. Chakalia Forest Village JFMC.
15. Gomotha Forest Village JFMC.
16. Thanpathar Forest Village JFMC.
17. Sapakhatibam Forest Village JFMC.

(S.K. Srivastava)  
Conservator of Forests  
Eastern Assam Circle, Jorhat.

Memo No. PG.22/JFMC/Sib/EAC. 1235-39 Dt. 30/8/06

- Copy to:
1. The Nodal <sup>official</sup> FDA cum Chief Conservator of Forests (SF) Assam, Basistha, Guwahati-29 for favour of his kind information.
  2. The Conservator of Forests, U.A.S.F. Nagaon for favour of his kind information.
  3. The C.E.O. Sibsagar FDA cum Divisional Forest Officer, Sivasagar (SF) Sibsagar Division for information with reference to his letter No.A/SF/FDA/768-7C dtd.13.08.06.
  4. The Divisional Forest Officer Sibsagar Division for information.
  5. The President/Member Secy. Concerned JFMC.

*S.K. Srivastava*  
Conservator of Forests  
Eastern Assam Circle, Jorhat.

# APPENDIX-III (B)

## MoU/ Resolution Certificate

B

FORM OF AGREEMENT TO BE EXECUTED BETWEEN  
THE JOINT FOREST MANAGEMENT COMMITTEE AND  
DIVISIONAL FOREST OFFICER OF THE RESPECTIVE FIELD IMPLEMENTATION UNIT

ARTICLES OF AGREEMENT

Agreement No: & Date (To be filled up by the Divisional Forest Officer)

1. This deed of Agreement made in the form of Agreement on the Sunday of 5/7/ 2015 between the Divisional Forest Officer, Sivasagar Division, Department of Forest, Assam on behalf of the Project Implementation Unit of the Assam Project on Forest and Biodiversity Conservation Society (APFBCS; hereinafter referred to as the first Party) and the President, Treasurer and Member-Secretary of the Executive Committee duly elected by the General Body of the Garupabam Joint Forest Management Committee Village Napam Baruwak O Napam Baruwak Panchayat Na-Pam Baruwak Block Nagaita Sub-Division Nagaita District Sivasagar (Hereinafter referred to as the Second Party) to execute the project works under the Assam Project on Forest and Biodiversity Conservation (APFBC; hereinafter referred to as Project Works) on the following terms and conditions for proper protection and development of the Forest(s)/ Plantation(s) assigned to this committee as per the schedule given hereunder

SCHEDULE:

a. Name of the Joint Forest Management Committee :- Garupabam J.F.M.C.

b. District Sivasagar

c. Division Sivasagar

d. Range Sivasagar

e. Section —

f. Beat —

g. Block, Compartment No: —

h. Area(Ha) 30 Hect.

i. Boundary :

North	<u>Bamboo Plantation</u>	East	<u>Gelaky R.P.</u>
South	<u>Gelaky R.P.</u>	West	<u>Deepam Tea Estate</u>

j. Pictorial Map showing JFMC area (not to scale)

Contd.....



#### Disbursement of funds:

- i. The Second Party shall open a Joint Current Account in the name of 'Forestry Account and Community Account' in any Nationalized Commercial Banks, as per the guidelines prescribed in the APFBC Society's Operational Manual, JFMC & EDC Manual as annexed herewith and as per the amendments made in it from time to time by the First Party.
- ii. The First party in consultation with the Circle Conservator shall nominate an Officer not below the rank of Forester-I for opening and operating the Joint Account in the name of 'Forestry Account' as per the guidelines prescribed in the APFBC Operational Manual and/ or JFMC&EDC Manual as annexed herewith and as per amendments made in it from time to time by the First Party.
- iii. Payment of necessary funds to the Second Party shall be released by the First Party as per the guidelines prescribed in the APFBC Society's Operational Manual as annexed herewith and as per the amendments made in it from time to time by the First Party.

#### 3. Maintenance of Accounts:

- i. The second party shall maintain separate accounts for all expenditure incurred out of the fund provided from time to time for execution of Project works. Such Accounts shall be made available to the First Party or Project Implementation Unit or its authorized representatives for the purpose for inspection. The First Party shall be responsible for submission of expenditure statement and also necessary records to the PMU, as per the guidelines prescribed in the APFBC Society's Operational Manual, JFMC & EDC Manual as annexed herewith and as per the amendments made in it from time to time by the First Party.
- ii. The First Party and also the Second Party shall have to maintain a register where all relevant data of civil works and inputs receipt records etc. shall be maintained properly. The register shall be kept open for all inspecting officers related to the implementation of the APFBC
- iii. In case of any event of misuse of funds, the First Party shall have right to stop operation of the Bank Accounts of the Second Party and to be followed by enquiry as may be deemed proper by the First Party.

#### 4. Completion of Project work:

- i. The Project Work shall be completed within the time frame of the annual action plan prepared as per the guidelines prescribed in the APFBC Society's Operational Manual, JFMC & EDC Manual as annexed herewith and as per the amendments made in it from time to time by the First Party.

#### 5. Duties and responsibilities of the First party

- i. The First party in consultation with the respective Circle Conservator shall demarcate the forest area, where the Second Party shall be allowed to undertake all the project activities and discharge all the responsibilities as per the guidelines

Contd.....

- prescribed in the APFBC's JFMC & EDC Manual, as annexed herewith and as per the amendments made in it from time to time by the First Party.
- ii. The First Party shall ensure that the activities of the Second Party are in accordance with the guidelines prescribed in the APFBC Society's Operational Manual and JFMC & EDC Manual, other rules, instructions and directions of Government of India and Government of Assam in force.
  - iii. Until such time as the Second Party can undertake the task, any Forest Officer not below the rank of the Range Officer, as nominated by the First Party, shall prepare estimates for works.
  - iv. The First Party in consultation with the PMU, APFBC Society shall impart training to Joint Forest Management Committee members on aspects of Forest Management including basic inventory collection, management planning, map interpretation, silviculture, nursery raising, grafting of HYV, etc.
  - v. The First Party shall have the right to instruct to stop or suspend any activity at any stage if there is any deviation from the specification prescribed in the APFBC Society's Operational Manual, JFMC & EDC Manual as annexed herewith and as per amendments made in it from time to time by the First Party, or violation of any of the terms of this agreement and demand recovery of its payments.
6. Duties and responsibilities of the Second Party:

- i. Apart from observing all the duties and responsibilities as prescribed in the APFBC Society's Operational Manual, JFMC & EDC Manual as annexed herewith and as per the amendments made in it from time to time by the First Party; the Second Party shall be responsible to manage and implement all the decisions of the Joint Forest Management Committee.
- ii. The Second Party shall be responsible for maintaining the record of the proceedings and other documents like Chequebooks, joint Account, Minutes Book, Executive Committee Resolution book, Annual Plan, Micro-plan, and Estimates for Works etc.
- iii. The Second Party shall assign duties and responsibilities to the members and may constitute sub-committees as needed with a view to ensure implementation of the Joint Forest Management Committee micro-plan and for effective discharge of their prescribed duties and responsibilities.
- iv. The Second Party in consultation with the General Body shall evolve methodology on all issues relating to membership, conflict resolution, encroachments, customary rights and benefit sharing.
- v. The Second Party shall prepare a Micro Plan for Project Works as per the guidelines prescribed in the APFBC Society's Operational Manual, JFMC & EDC Manual as annexed herewith and as per the amendments made in it from time to time by the First Party.
- vi. It shall be the responsibility of the Second Party to account for and manage the funds and other resources received from the Government, other sources and the funds internally generated, in accordance with sound financial standards and practices.
- vii. The Second Party shall identify and fix the responsibility on the members of the Joint Forest Management Committee who commit specific offences like grazing

Contd....

- in the forest and plantation areas, non-cooperation and disobedience towards decisions of the General Body and Executive committee and inflict Penalties as per the guidelines prescribed in the APFBC Society's Operational Manual, JPMC & EDC Manual as annexed herewith and as per the amendments made in it from time to time by the First Party.
- viii. The Second Party shall ensure that the procurements are made as specified in the Procurement Procedure Manual of the APFBC Society as provided by the First Party and also as per the guidelines prescribed in the APFBC Society's Operational Manual, as annexed herewith and as per the amendments made in it from time to time by the First Party.
- ix. The Second Party shall be responsible for bringing any discrepancy or irregularity to the notice of the representative of the First Party.
- x. The Second Party shall abide by the technical suggestion/ direction of the First Party or his representatives.
- xi. The Second Party shall ensure that there is no mis-utilization of the fund during execution of the Project Works.
- xii. The Second Party shall pay all duties, taxes and other levies payable against procurement of inputs.
- xiii. The Second Party shall exercise its rights under this agreement in such manner as to protect the interests of the French Development Agency and First Party.
- xiv. The second party shall be responsible for maintenance and security of the property / equipment, if any supplied to individuals / communities as part of the project and ensures the same is not mis-utilized.

#### Dispute Settlement:

During execution of work, any dispute arises between the two parties, relating to any aspect of this agreement, the parties shall first attempt to settle the dispute through mutual and amicable consultation. If the dispute is not settled through such consultation, the matter may be referred for arbitration to the Chairman of the DACC.

Signature of the First Party (Officers of the Forest Department, Assam.)

Sl.No.	Name & Designation
1.	(Divisional Forest Officer)
2.	(Forest Range Officer)

Signature

**Divisional Forest Officer (T)**  
**Sivasagar Division, Sivasagar**

Signature of the Second Party (Members of the Committee)

Name & Address :

Signature

1.	(President)	Bri Niran Gogoi
2.	(Treasurer)	Md. Imteaz Ali
3.	(Member-Secretary)	Bri Prodipto Gogoi

1.	<i>[Signature]</i>
2.	<i>[Signature]</i>
3.	<i>[Signature]</i>

Contd.....



Signature of Witnesses

Name & Address :

1. Mrs. Dipali Gogoi President  
Dapam Baruah
2. Mr. Memisailua Gogoi Member  
Atkhul Zang
3. Sri. Haliram Kusuma

Signature

Dipali Gogoi

- 1.
2. Memi Saitia Gogoi
3. Haliram Kusuma

## APPENDIX-IV

### Executive Members of Garupaban JFMC

1. Nixon Gogoi, Age-43  
C/o Kinaram Gogoi  
Seej Chapori Gaon.  
Po-2 Ps:- Grelakey.  
Dist- Sivasagar  
Edee:- 7th.
2. Prodip Gogoi, Age:- 55  
C/o Late Modern Ch. Gogoi  
Div. Forest officer,  
Social Forest Div., Sivasagar.  
Po 2 Ps:- Sivasagar  
Edee:- H.S.
3. Dhaniram Bauri, Age:- 65  
C/o Bela Bauri  
Bilbosti Gaon. Po 2 Ps:- Grelakey.  
Dist- Sivasagar Assam.  
Edee:- 6th.
4. Bhadrn Manzi, Age:- 58  
C/o Horua Manzi  
-do-  
Na-pam Bauruati, 16 Noline.  
-do-  
Edee:- 6th.
5. Durga Rajuwar, Age-60  
C/o Boga Rajuwar  
Bilbosti Gaon.  
-do-  
Edee:- H.S.L.C.
6. Imran Ahmed, Age:- 51  
C/o Late Rukunoddin  
Na-pam Bauruati, 16 No  
-do-  
Edee:- 10th.
7. Badham Bauri, Age:- 57  
C/o Late Mohendra Bauri  
Na-pam Bauruati, 16 No  
-do-  
Edee:- 5th.
8. Niru Manzi, Age:- 38  
C/o Ramdas Manzi  
-do-  
Edee:- 5th.
9. Kalpana Bauri, Age:- 42  
C/o Biren Bauri  
-do-  
Edee:- 2nd.
10. Putoli Rajuwar, Age:- 32  
C/o Kalicharan Rajuwar  
Bilbosti Gaon.  
Edee:- 7th.
11. Kanti Bauri, Age:- 38  
C/o Ranjit Bauri  
-do-  
Edee:- 8th.



## APPENDIX–V

### Executive members group Photo of Garupaban JFMC



#### **Names of the members from left to right:**

1. Niron Gogoi (President) 2. Prodip Gogoi (Member Secretary), 3. Dhaniraam Bauri, 4. Bhadru Manki, 5. Durga Rajuwar, 6. Imran Ahmed, 7. Badhan Bauri, 8. Niru Manki, 9. Kalpana Bauri, 10. Putoli Rajuwar, 11. Konti Bauri

### List of members present during PRA

[illegible]



କ୍ରମିକ ନଂ	ନାମ	ପିକାପ୍	ଫୋନ୍ ନଂ	ଟିପ୍
୮୩	ମାଧବ			
୮୪	ଶ୍ରୀମତୀ ବସନ୍ତୀ	ଗର୍ଭାସନ - 16 N6		
୮୫	ରାମକୃଷ୍ଣ ବସନ୍ତ	16 N6		m bannik
୮୬	Benu Bannai	Bilgosti	8011 368330	B. bannai
୮୭	Rothin Deetta	Seoj Chapari	9957646268	
୮୮	ଶ୍ରୀମତୀ ସୁସମିତା	ଗର୍ଭାସନ 25 N7		
୮୯	ଶ୍ରୀମତୀ ସୁସମିତା	11		
୯୦	Pragya Bistun			
୯୧	Sanjay Bannan	Seoj Chapari	9957650019	
୯୨	Dipakam Kanta	RGNV	9508844746	Kanta
୯୩	ଶ୍ରୀମତୀ ସୁସମିତା			
୯୪	Preleav Gargi			
୯୫				
୯୬				
୯୭				
୯୮				
୯୯				
୧୦୦				



# APPENDIX VI (B)

## List of members present during FGD

		FGD	Date → 25/06/2016	JFMC (Garopaban)
1.	Sri Hemachetia	Gelakey Bgm	9401135545	Chelica
2.	Bikash Gogoi	Guley Bilbori	967871987	Guley
3.	Pranjol Borah	Hauj Chapari	9957646268	Borah
4.	Roshin Dutta	Bishnupur g.	9959234678	R. Dutta
5.	Ranjit Mout	Bishnupur g.	9707730650	R. Mout
6.	Ananta Mout	Bishnupur g.	9085903278	Ananta
7.	Naturaj Mout	Bishnupur g.	8486675490	Naturaj Mout
8.	Lakhimi Mout	Bishnupur g.	9508844946	L. Mout
9.	Abhijit Mout	Bishnupur g.	801512960	Abhijit
10.	Dipukam Karfa	RGNV	943558820	Dipukam
11.	Lipimoni Borah	Hauj Chapari	9435477728	Lipimoni
12.	Junu Deri	"	9435753706	Junu
13.	Debasis Baruah	Gelakey Chamni	9706888503	Debasis
14.	Monuvinath Barua	Mouzadar	9678316798	Monuvinath
15.	Ajit Kr. Gogoi	Member of JFMC		Ajit
16.	Ranjit Deri	"		Ranjit
17.	Morgoml Deri	"		Morgoml Deri
18.	Monju Borah	"		Monju Borah
19.	শ্রীমতী অমিতা চাকতি			শ্রীমতী অমিতা চাকতি
20.	শ্রীমতী দেবকী চক			শ্রীমতী দেবকী চক
21.	Snigdha Saitia	Hauj Chapari vill.		Saitia
22.	Ananika Neog	"		Ananika
23.	Miss Krishna Gogoi Borah	"	8474884887	Krishna Gogoi Borah
24.	শ্রীমতী জেনু বৰা			শ্রীমতী জেনু বৰা
25.	শ্রীমতী বৈষ্ণৱী বড়া			শ্রীমতী বৈষ্ণৱী বড়া
26.	অমলজি গগৈ			অমলজি গগৈ
27.	Mingakhi Gogoi			Mingakhi
28.	অমলী কামৰাৰ			অমলী কামৰাৰ
29.	মিৰানী অমলী			মিৰানী অমলী
30.	শ্রীমতী অমলী গগৈ			শ্রীমতী অমলী গগৈ
31.	শ্রীমতী অমলী গগৈ			শ্রীমতী অমলী গগৈ
32.	শ্রীমতী অমলী গগৈ			শ্রীমতী অমলী গগৈ



Date: 20/10/2020

F.P.D

(Signature)

341- श्रीमती विमला देवी चव्हाण 7086844960

351- Mrs. Manju Baruah

361- श्रीमती विमला देवी चव्हाण

371- Huma nishcheta

381- poli Hadionurcia

391- श्रीमती विमला देवी चव्हाण

401- श्रीमती विमला देवी चव्हाण

411- श्रीमती विमला देवी चव्हाण

421- श्रीमती विमला देवी चव्हाण

431- श्रीमती विमला देवी चव्हाण

441- श्रीमती विमला देवी चव्हाण

451- श्रीमती विमला देवी चव्हाण

461- श्रीमती विमला देवी चव्हाण

471- श्रीमती विमला देवी चव्हाण

481- श्रीमती विमला देवी चव्हाण

491- श्रीमती विमला देवी चव्हाण

501- Borale Goro

511- Pinki Phulkam.

521- श्रीमती विमला देवी चव्हाण

531- श्रीमती विमला देवी चव्हाण

541- श्रीमती विमला देवी चव्हाण

551- श्रीमती विमला देवी चव्हाण

561- श्रीमती विमला देवी चव्हाण

571- श्रीमती विमला देवी चव्हाण

581- श्रीमती विमला देवी चव्हाण

591- श्रीमती विमला देवी चव्हाण

601- श्रीमती विमला देवी चव्हाण

611- श्रीमती विमला देवी चव्हाण

621- श्रीमती विमला देवी चव्हाण

631- श्रीमती विमला देवी चव्हाण

641- श्रीमती विमला देवी चव्हाण

651- श्रीमती विमला देवी चव्हाण

661- श्रीमती विमला देवी चव्हाण

671- श्रीमती विमला देवी चव्हाण

681- श्रीमती विमला देवी चव्हाण

691- श्रीमती विमला देवी चव्हाण

701- श्रीमती विमला देवी चव्हाण



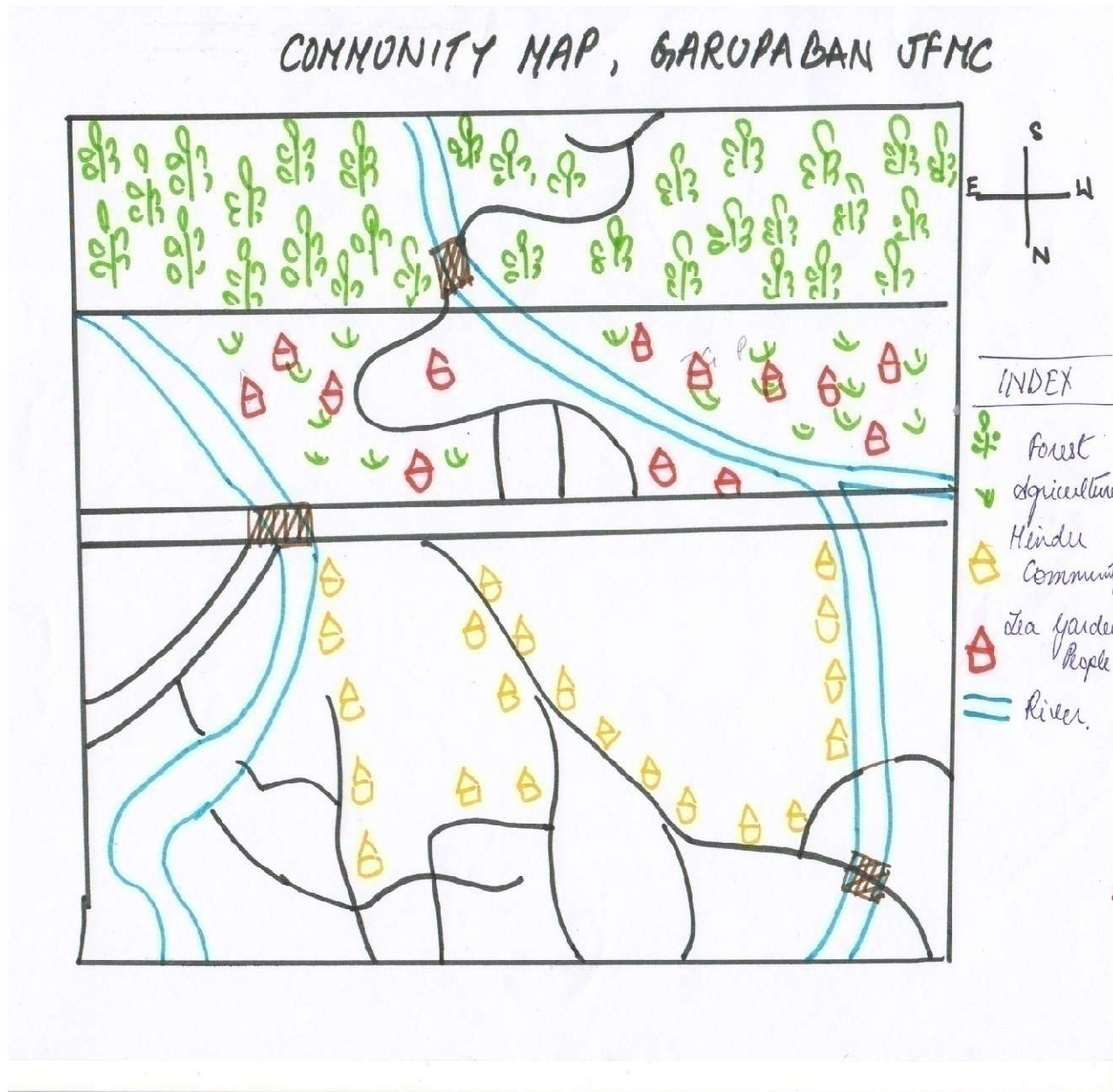






# APPENDIX-VII (A)

## PRA-Community map of Garupaban JFMC



### Name of the facilitator

1. Dipukan Kalita, C/O Bharat Kalita (RGVN)
2. Niren Gogoi, C/O Kinaram Gogoi, (President JFMC)
3. Prodip Gogoi, C/O Lt Moden Chandra Gogoi (Member)
4. Durga Rajuwar, C/O Boga Rajuwar (Member)



# APPENDIX-VII (B)

## PRA-Resource map of Garupaban JFMC

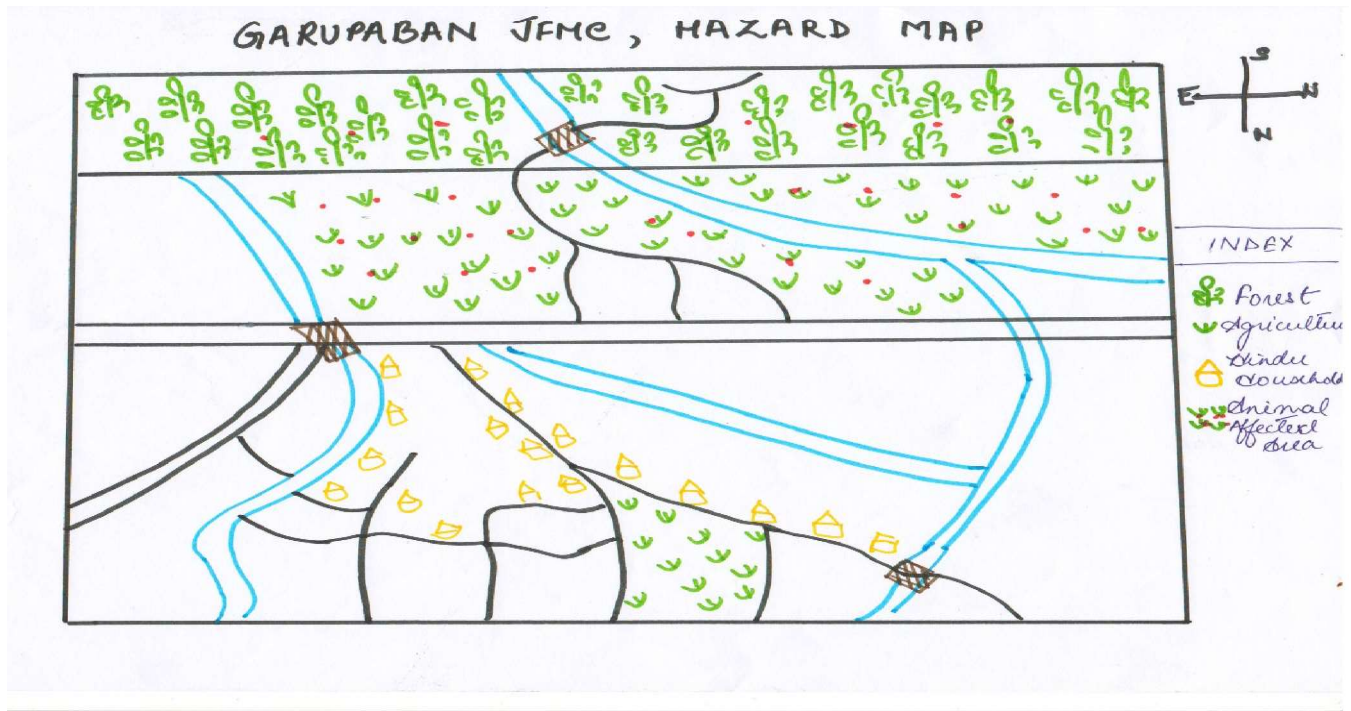


### Name of the facilitator

1. Dipukan Kalita, C/O Bharat Kalita (RGVN)
2. Niren Gogoi, C/O Kinaram Gogoi, (President JFMC)
3. Prodip Gogoi, C/O Lt Moden Chandra Gogoi (Member)
4. Durga Rajuwar, C/O Boga Rajuwar (Member)

## APPENDIX–VII (C)

### PRA-Hazard map of Garupaban JFMC



#### Name of the facilitator

1. Dipukan Kalita, C/O Bharat Kalita (RGVN)
2. Niren Gogoi, C/O Kinaram Gogoi, (President JFMC)
3. Prodip Gogoi, C/O Lt Moden Chandra Gogoi (Member)
4. Durga Rajuwar, C/O Boga Rajuwar (Member)

## Venn Diagram



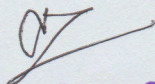
1. Dipukan Kalita, C/O Bharat Kalita (RGVN)
2. Niren Gogoi, C/O Kinaram Gogoi, (President JFMC)
3. Prodip Gogoi, C/O Lt Moden Chandra Gogoi (Member)
4. Durga Rajuwar, C/O Boga Rajuwar (Member)



## APPENDIX- VIII

### Entry point activities of Garupaban JFMC

Rank	EPA	Details
1	PHE	Athkhel Grant no.01
2	Guest house	Athkhel Grant no.01
3	Sanitation	Community sanction at Athkhel grant 01
4	Gas Connection	BPL Card holder
5	Road 1.5 km	Athkhel Grant no. 01
6	Botanical Garden	Athkhel grant no.01
7	Fishary Platation	Geleki Forest

  
Divisional Forest Officer,  
Sivasagar Division, Sivasagar



# APPENDIX-IX (A)

## Training list of Garupaban JFMC (Proposed)

### Garu Paban JFMC List Of Training

Sl	Name	Subject to traing	Qualification
1	Mousumi Bauri 7896624289	Computer	B.A Appear
2	Pryanka Bauri	Tailoring/cutting	H.S.L.C Pass
3	Purna Bauri 8761832389	Mobile Reapair	H.S Pass
4	Swarasati Das 9678478164	Tailoring	H.S Pass
5	Pinky Bauri 8761832391	Computar/Tailoring	H.S Pass
6	Akash Bauri 7896793186	Elactician	B.A+ITI Disel
7	Bikash Bauri 7896793186	Mobile Reapair	HSLC Pass
8	Monuj Borah 7662982631	Mobile Reapair	HSLC Pass
9	Minakhi Gogoi 7896128843	Tailoring/Weaving	H.S. pass
10	Lipimoni Boruah Borthakur 8011512960	Tailoring /cutting	H.S. pass
11	Abhijit Mout 8486675490	Mobile Reapair	H.S. pass
12	Pinki Gogoi Phukan 9957650019	Politary	H.S.L.C Pass
13	Molika Gogoi 8403955840	Weaving	H.S.L.C Pass
14	Jyoti Gogoi Mohan	Tailoring	H.S. pass
15	Krishna Gogoi Borah	Tailoring	H.S. pass
16	Santi Sarkar 9957697075	Mushrun	H.S.L.C Pass
17	Debojit Deka 8472096293	Driving	H.S. pass
18	Bulbul Kalita 7896379144	Masineny	H.S.L.C. Pass
19	Bikas Gogoi	Piggary	H.S.L.C. Pass
20	Sagorika Dutta	Computer	H.S. pass
21	Sanjay Tassa 8011231852	Elactician	10 th
22	Jaya Bhumij 7896624286	Cutting	B.A Pass
23	Probin Kurmi 8721082313	Mobile Reapair	H.S.L.C Pass
24	Ahuti Manki 8011495370	Cutting	8 pass
25	Ajibul Ali 7086811177	Elactician	H.S.L.C Pass
26	Nilakhi Changkakoti 9678198378	Butychian	H.S. pass
27	Muni bauri 7086591590	Cutting	H.S. pass
28	Bidya Nayak	Elactician	H.S. pass

*N. G. Sin*  
President  
Garupaban J.F.M.C  
Bilbusii Gaon  
P. O. Athkhal

# APPENDIX–IX (B)

## Training list of Nursery (Ongoing)

Sl. No.	Name of the Trainees	Address	Contact No.
1	Sri Banemadhab Gogoi	Na-Pam Baruwati, P.O.-Na-Pam Baruwati, Dist- Sivasagar, Assam	-----
2	Sri Simanta Bora	Seuj Chapori Gaon, Gelekey, Sivasagar	8399043783
3	Sri Amrit Arandhara	Deopani Gohain Gaon, P.O.-Na-Pam Baruwati, Dist- Sivasagar, Assam	9859393023
4	Bhadroo Manki	Na-Pam Baruwati, P.O.-Na-Pam Baruwati, Dist- Sivasagar, Assam	8011352826
5	Sri Moniram Ghatuwar	Chutia Gaon, PO-Gelekey, Sivasagar	7896741252
6	Mrs. Runu Gogoi Saikia	Gelekey Bortani Gaon, PO-Gelekey, Sivasagar	9954953713
7	Niru Manki	Na-Pam Baruwati, P.O.-Na-Pam Baruwati, Dist- Sivasagar, Assam	7086129263
8	Sri Praphula Phukan	Na-Pam Baruwati, P.O.-Na-Pam Baruwati, Dist- Sivasagar, Assam	-----
9	Sri Pronob Rajowar	Na-Pam Baruwati, P.O.-Na-Pam Baruwati,	7663045538
10	Md. Imran Ahmed	Na-Pam Baruwati, P.O.-Na-Pam Baruwati, Dist- Sivasagar, Assam	9954654132
11	Sri Manuj Gogoi	Na-Pam Baruwati, P.O.-Na-Pam Baruwati, Dist- Sivasagar, Assam	9854875522
12	Sri Ashim Sarmah	Deopani Gohain Gaon, P.O.-Na-Pam Baruwati, PS-Gelekey, Dist- Sivasagar, Assam	9577071355
13	Sri Nilambar Gogoi	Bosha Gaon, PO- Atkhel, Dist- Sivasagar, Assam	8011329269
14	Munmun Borgohain	Milan Nagar, PO-Gelekey, Dist- Sivasagar, Assam	9954725669
15	Sri Bhuban Bordoloi	Milan Nagar, PO-Gelekey, Dist- Sivasagar, Assam	9957453389
16	Rituparna Baruah	Amguri Town, Ward No.-1, PO- Amguri, Dist.-Sivasagar	9435278585
17	Ashim Gogoi	Gelekey Bortani Gaon, PO-Gelekey, Sivasagar	7896594472
18	Bidhan Kumar Gogoi	Gelekey Bortani Gaon, PO-Gelekey, Sivasagar	7896545702
19	Khirud Nayak	Modinagar Tea State, PO-Gelekey, Sivasagar	9706085971
20	Golap Gogoi	Milan Nagar, PO-Gelekey, Dist- Sivasagar, Assam	9678528317
21	Arnab Baruah	Gelekey College Road, Sivasagar	8876258806
22	Sri Purna Bawri	Na-Pam Baruwati, (Billbasti)	8761832389

23	Md. Muhib Ali	Deopani Gohain Gaon, P.O.- Deopani Dist- Sivasagar, Assam	9854605829
24	Holi Ram Kurmi	Na-Pam Baruwati	7896194617
25	Nurul Hoda	Na-Pam Baruwati, P.O.-Deopani, Dist- Sivasagar, Assam	9577090347
26	Jamirotddin Ahmed	Na-Pam Baruwati, P.O.-Deopani, Dist- Sivasagar, Assam	7399270087
27	Sahadur Rohman	Na-Pam Baruwati, P.O.-Deopani, Dist- Sivasagar, Assam	9854564550
28	Raja Ahmed	Na-Pam Baruwati, P.O.-Deopani, Dist- Sivasagar, Assam	9854611441
29	Anisul Ali	Na-Pam Baruwati, P.O.-Deopani, Dist- Sivasagar, Assam	9859072487
30	Bina Bhuyan	Billbasti, PO-Na-Pam Baruwati,	-----
31	Sri Chandeswar Kurmi	Na-Pam Baruwati, P.O.-Na-Pam Baruwati, Dist- Sivasagar, Assam	8011944339
32	Lakhinandan Gogoi	Deopani Gohain Gaon, P.O.- Na-Pam Baruwati, Dist- Sivasagar, Assam	9706478566
33	Manuj Borgohain	Deopani Gohain Gaon, P.O.- Deopani Dist- Sivasagar, Assam	9613464499
34	Dhaniram Bauri	Bilbosti Gaon, PO- Athkhel, PS- Gelekey, Sivasagar	-----
35	Durgi Bauri	Bilbosti , Athkhel, Sivasagar	-----

## APPENDIX – IX (C)

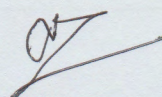
### Training list of Tailoring (Ongoing)

Serial no.	Name of trainee	Father's/Husband's name	Age	Sex	Educational qualification	Name of trade
1.	GEETA KURMI	JAYANTA KURMI	27	FEMALE	X	TAILORING
2.	NIRODA KURMI	BIMAL KURMI	24	FEMALE	H.S.L.C	TAILORING
3.	RITA KURMI	DALASAR KURMI	27	FEMALE	H.S	TAILORING
4.	ARUPA BARUA			FEMALE		TAILORING
5.	PUSPA KURMI	JOGESWAR KURMI	30	FEMALE	X	TAILORING
6.	GITANJALI KURMI	SUNADHAR KURMI	24	FEMALE	X	TAILORING
7.	DHANBATI KURMI	BABULAL KURMI	20	FEMALE	H.S	TAILORING
8.	SUBARNALATA KURMI	DINESH KURMI	23	FEMALE	H.S 2 <sup>ND</sup> YEAR	TAILORING
9.	DEBORAGI BARUA	BUBU BARUA	30	FEMALE	X	TAILORING
10.	RITA KURMI	SANDESWAR KURMI	28	FEMALE	VII	TAILORING
11.	MINAKHI KURMI	PREMCHANDRA KURMI	22	FEMALE	B.A	TAILORING
12.	JAYA KURMI	SHANKAR KURMI	26	FEMALE	H.S.L.C	TAILORING
13.	PALLABI KURMI	PUREN KURMI	25	FEMALE	VIII	TAILORING
14.	BINA KURMI	JOGESWAR KURMI	33	FEMALE	HS	TAILORING
15.	BINA KURMI	BIPUL KURMI	20	FEMALE	HS	TAILORING
16.	PARINITA GOGOI	DHAN GOGOI	20	FEMALE	HS	TAILORING
17.	MINAKHI KURMI	TULARAM KURMI	22	FEMALE	HS	TAILORING
18.	SABITA RAJOWAR	ATUL RAJOWAR	20	FEMALE	X	TAILORING
19.	TUNKI TATI	MAYARAM TATI	20	FEMALE	HS	TAILORING
20.	JITA KURMI	DHANURAM KURMI	36	FEMALE	HSLC	TAILORING
21.	KALYANI KURMI	KRISHNA KURMI	23	FEMALE	HS	TAILORING
22.	AAHUTI MANKI	KRISHNA MANKI	22	FEMALE	H.S	TAILORING
23.	MUNI BAURI	BIREN BAURI	19	FEMALE	HS	TAILORING
24.	MRIDULA DEKA	BHASKAR DEKA	30	FEMALE	X	TAILORING
25.	PRIYANKA BAURI	BANE BAURI	17	FEMALE	X	TAILORING
26.	SARASWATI DAS	PRAHLAD DAS	20	FEMALE	HS	TAILORING



27.	RUMA RAJOWAR	DABU RAJOWAR	20	FEMALE	HS 2 <sup>ND</sup> YEAR	TAILORING
28.	SIBANI RAJOWAR	DEV DAS RAJOWAR	18	FEMALE	X	TAILORING
29.	MINA RAJOWAR	MONTU RAJOWAR	30	FEMALE	X	TAILORING
30.	KUSUM RAJOWAR	DASHARATH RAJOWAR	20	FEMALE	HS	TAILORING
31.	PRATIMA GOGOI	KHETRADHAR GOGOI	45	FEMALE	HSLC	TAILORING
32.	RUMI KURMI	LACHIT KURMI	23	FEMALE	X	TAILORING
33.	JURI GOGOI	RATUL GOGOI	31	FEMALE	HS	TAILORING
34.	MAMU GOGOI	PRAHLAD GOGOI	30	FEMALE	HS	TAILORING
35.	DEBOJANI GGGOGOI	BIKASH GOGOI	28	FEMALE	HSLC	TAILORING
36.	SENIMAI GOGOI	SENIRAM GOGOI	30	FEMALE	HSLC	TAILORING
37.	SUSMITA GOGOI			FEMALE		TAILORING
38.	JAYA KURMI	RAM KURMI	20	FEMALE	X	TAILORING
39.	JALESHWARI KURMI	AGHANU KURMI	40	FEMALE	VII	TAILORING
40.	ANU KURMI	HARIPRASAD KURMI	23	FEMALE	B.A	TAILORING
41.	SIMA RAJOWAR	BISHNU RAJOWAR	17	FEMALE	X	TAILORING
42.	DEBOJANI BORGOHAIN	MOON BORGOHAIN	31	FEMALE	HS	TAILORING
43.	NASIMA BEGAM	SAHIDUR RAHMAN	22	FEMALE	X	TAILORING
44.	Gitimoni Gogoi	Dulal Gogoi	40	FEMALE	HS	Tailoring
45.	Boby Gogoi	Bikash Gogoi	27	FEMALE	HSLC	Tailoring
46.	Rashmika Gogoi	Kiron Gogoi	18	FEMALE	HSLC	Tailoring
47.	Minu Sahu	Amrit Teli Sahu	21	FEMALE	HS	Tailoring
48.	Lovely Dutta	Ram Tamuli	22	FEMALE	HSLC	Tailoring
49.	Jyoti Gogoi	Lt. Tularam Gogoi	43	FEMALE	HS	Tailoring
50.	Manju Moni Baruah	Bijoy Baruah	30	FEMALE	HSLC	Tailoring
51.	Runumi Konwar	Sunil Konwar	32	FEMALE	X	Tailoring
52.	Niti Juni Gogoi	Homen Gogoi	20	FEMALE	HSLC	Tailoring
53.	Bonti Gogoi	Anand Gogoi	35	FEMALE	X	Tailoring
54.	Junu Tasha (Poli)	Buddheswar Tasha	22	FEMALE	HS	Tailoring
55.	Bulbuli Gogoi Phukon	Lohit Phukon	22	FEMALE	HS	Tailoring
56.	Rupa Tasha	Ranjit Tasha	35	FEMALE	10	Tailoring
57.	Jahnabi Gogoi	Mintu Gogoi	28	FEMALE	MA	Tailoring
58.	Priyanka Ganju	Lakhikanta Ganju	29	FEMALE	X	Tailoring

59	Abanita Gogoi	Mantu Gogoi	20	FEMALE	X	Tailoring
60	Pompi Hazarika	Dipankar Hazarika	20	FEMALE	X	Tailoring
61	Baby Gogoi	Gohin Gogoi	20	FEMALE	X	Tailoring
62	Rita Moni Saikia	Umesh Saikia	20	FEMALE	X	Tailoring
63	Bhanu Saikia	Mukti Saikia	20	FEMALE	HS	Tailoring
64	Deepjyoti Arandhara	Bhaskar Arandhara	23	FEMALE	HS	Tailoring
65	Saraswati Gogoi	Gobin Gogoi	23	FEMALE	HS	Tailoring
66	Parismita Dutta Gogoi	Ritupan Gogoi	28	FEMALE	HS	Tailoring
67	Gita Moni Dowarah	Tangeswar Dowarsh	19	FEMALE	HS	Tailoring
68	Parul Borah	Rubul Borah	20	FEMALE	HSLC	Tailoring
69	Rinki Gogoi	Uma Gogoi	19	FEMALE	HSLC	Tailoring
70	Lakhi Handique	Hahi Handique	20	FEMALE	HSLC	Tailoring
71	Toramai Kurmi	Lt. Ganesh Kurmi	28	FEMALE	X	Tailoring
72	Pori Kurmi	Lt. Moniya Kurmi	21	FEMALE	HS	Tailoring
73	Bornali Gogoi	Raju Gogoi	27	FEMALE	BA	Tailoring
74	Mousumi Bauri	Bane Bauri	21	FEMALE	BA	Tailoring
75	Pinki Bauri	Dhanu Bauri	28	FEMALE	HS	Tailoring
76	Tilora Bezbaruah	Niren Bezbaruah	22	FEMALE	HSLC	Tailoring
77	Lipimoni Barthakur	Pranjal Barthakur	25	FEMALE	X	Tailoring
78	Kalpana Sahu	Ajit Sahu	30	FEMALE	X	Tailoring
79	Prastuti Gogoi	Binod Gogoi	18	FEMALE	HS	Tailoring
80	Mousumi Gogoi	Krishna Gogoi	18	FEMALE	HS	Tailoring
81	Marry Gogoi	Lolit Gogoi	17	FEMALE	HSLC	Tailoring
82	Karabi Gogoi Borah	Jadu Moni Borah	23	FEMALE	HS	Tailoring
83	Torali Lohar	Rajib Lohar	23	FEMALE	HSLC	Tailoring
84	Rekha Moni Gogoi	Madhab Gogoi	28	FEMALE	HS	Tailoring
85	Gitimoni Gogoi	Lakhyajit Gogoi	25	FEMALE	HSLC	Tailoring
86	Rashmita Gogoi	Pranabjit Gogoi	23	FEMALE	HSLC	Tailoring
87	Minakshi Bargohain	Pranjal Gogoi	25	FEMALE	HS	Tailoring
88	Lipi Gogoi	Ganesh Gogoi	30	FEMALE	HS	Tailoring
89	Indira Chetia	Kukoiram Chetia	25	FEMALE	X	Tailoring

  
 Divisional Forest Officer,  
 Sivasagar Division, Sivasagar



# APPENDIX-X

## Photo File



Weaving



Awareness Campaign



PRA Mapping



FGD



Weaving sample made by the Villager



Eri Cotton

# APPENDIX–XI

## GPS Coordinates

1. N –  $26^{\circ} 41.5' 19.2''$
2. E –  $094^{\circ} 40' 05.9''$

# APPENDIX–XII

## SDP Report

### SKILL DEVELOPMENT PROGRAM AT GARUPABAN JFMC

Skill Development program has been taken up under the Assam Project on Forests and Biodiversity Conservation (AFPBC) of the Assam Forest Department with financial support from French

Name of the trade	Start Date	End Date	No. of Equipments/ Cost	No. of Trainees	Name of the Master Trainers/ Affiliation
Tailoring	08-08-2016	09-09-2016	05 (Singer Sewing Machines) Rs 29,000/-	89	Md. Kamish Ali
Nursery	08-08-2016	23-08-2016	35 (Training Kit, Brochures and study materials on Bamboo and cane given) Rs 70,000/-	35	RFRI

Development Agency (Agence France de Development). RGVN a COMPELO partner (Consulting Service for Microplanning Livelihood Opportunities) has conducted skill development programmes in Garupaban under Sibsagar Forest division.

Skill development program on tailoring and nursery was inaugurated on 8<sup>th</sup> August 2016 at the Garupaban Forest village. The program was inaugurated by Momi Saikia, member of Zila Parishad. Those present on the occasion included Dr. R.S.C. Jayaraj, IFS, Director RFRI, DFO of Sibsagar forest division Mr. N Malakar, ACF Mr Rajib Hazarika, Forest Range Officer Mr. Dilip Deka, Resource Persons & Senior Scientist of RFRI Dr. R. K. Kalita, Scientist and head forestry, Dr. T.C Bhuyan, retired Scientist RFRI, and RGVN officials.

**Raw materials provided:** 75metres of cotton cloth, 8 measuring tapes, 100 spools of thread, 60 metre cotton cloth, 8 scissors, 6 embroidery frames, bobbins and bobbin cases, 8 design sheets, tables , chairs, tools etc.



## **PEOPLES VOICES –**

Boby Gogoi, one of the trainees of tailoring/cutting expressed her happiness saying that earlier they had to go to Nazira to attain any professional course but the SDP Training programme solved all their problem.

Whereas Chandeswar Kurmi, a trainee of Nursery Management said he has high hopes on this training programme whereby he can fulfill his dream of opening a nursery of his own.

### **PHOTO GALLERY:**



**Fig: Trainees at Garupaban with sewing machine and products stitched by them**

## TRAINING LIST OF GARUPABAN TAILORING

Serial no.	Name of trainee	Father's/Husband's name	Age	Sex	Educational qualification	Name of trade
1.	GEETA KURMI	JAYANTA KURMI	27	FEMALE	X	TAILORING
2.	NIRODA KURMI	BIMAL KURMI	24	FEMALE	H.S.L.C	TAILORING
3.	RITA KURMI	DALASAR KURMI	27	FEMALE	H.S	TAILORING
4.	ARUPA BARUA			FEMALE		TAILORING
5.	PUSPA KURMI	JOGESWAR KURMI	30	FEMALE	X	TAILORING
6.	GITANJALI KURMI	SUNADHAR KURMI	24	FEMALE	X	TAILORING
7.	DHANBATI KURMI	BABULAL KURMI	20	FEMALE	H.S	TAILORING
8.	SUBARNALATA KURMI	DINESH KURMI	23	FEMALE	H.S 2 <sup>ND</sup> YEAR	TAILORING
9.	DEBORAGI BARUA	BUBU BARUA	30	FEMALE	X	TAILORING
10.	RITA KURMI	SANDESWAR KURMI	28	FEMALE	VII	TAILORING
11.	MINAKHI KURMI	PREMCHANDRA KURMI	22	FEMALE	B.A	TAILORING
12.	JAYA KURMI	SHANKAR KURMI	26	FEMALE	H.S.L.C	TAILORING
13.	PALLABI KURMI	PUREN KURMI	25	FEMALE	VIII	TAILORING
14.	BINA KURMI	JOGESWAR KURMI	33	FEMALE	HS	TAILORING
15.	BINA KURMI	BIPUL KURMI	20	FEMALE	HS	TAILORING
16.	PARINITA GOGOI	DHAN GOGOI	20	FEMALE	HS	TAILORING
17.	MINAKHI KURMI	TULARAM KURMI	22	FEMALE	HS	TAILORING
18.	SABITA RAJOWAR	ATUL RAJOWAR	20	FEMALE	X	TAILORING
19.	TUNKI TATI	MAYARAM TATI	20	FEMALE	HS	TAILORING
20.	JITA KURMI	DHANURAM KURMI	36	FEMALE	HSLC	TAILORING
21.	KALYANI KURMI	KRISHNA KURMI	23	FEMALE	HS	TAILORING
22.	AAHUTI MANKI	KRISHNA MANKI	22	FEMALE	H.S	TAILORING
23.	MUNI BAURI	BIREN BAURI	19	FEMALE	HS	TAILORING
24.	MRIDULA DEKA	BHASKAR DEKA	30	FEMALE	X	TAILORING
25.	PRIYANKA BAURI	BANE BAURI	17	FEMALE	X	TAILORING
26.	SARASWATI DAS	PRAHLAD DAS	20	FEMALE	HS	TAILORING
27.	RUMA RAJOWAR	DABU RAJOWAR	20	FEMALE	HS 2 <sup>ND</sup> YEAR	TAILORING
28.	SIBANI RAJOWAR	DEVDAAS RAJOWAR	18	FEMALE	X	TAILORING
29.	MINA RAJOWAR	MONTU RAJOWAR	30	FEMALE	X	TAILORING

30.	KUSUM RAJOWAR	DASHARATH RAJOWAR	20	FEMALE	HS	TAILORING
31.	PRATIMA GOGOI	KHETRADHAR GOGOI	45	FEMALE	HSLC	TAILORING
32.	RUMI KURMI	LACHIT KURMI	23	FEMALE	X	TAILORING
33.	JURI GOGOI	RATUL GOGOI	31	FEMALE	HS	TAILORING
34.	MAMU GOGOI	PRAHLAD GOGOI	30	FEMALE	HS	TAILORING
35.	DEBOJANI GGGOGOI	BIKASH GOGOI	28	FEMALE	HSLC	TAILORING
36.	SENIMAI GOGOI	SENIRAM GOGOI	30	FEMALE	HSLC	TAILORING
37.	SUSMITA GOGOI			FEMALE		TAILORING
38.	JAYA KURMI	RAM KURMI	20	FEMALE	X	TAILORING
39.	JALESHWARI KURMI	AGHANU KURMI	40	FEMALE	VII	TAILORING
40.	ANU KURMI	HARIPRASAD KURMI	23	FEMALE	B.A	TAILORING
41.	SIMA RAJOWAR	BISHNU RAJOWAR	17	FEMALE	X	TAILORING
42.	DEBOJANI BORGOHAIN	MOON BORGOHAIN	31	FEMALE	HS	TAILORING
43	NASIMA BEGAM	SAHIDUR RAHMAN	22	FEMALE	X	TAILORING
44	Gitimoni Gogoi	Dulal Gogoi	40	FEMALE	HS	Tailoring
45	Boby Gogoi	Bikash Gogoi	27	FEMALE	HSLC	Tailoring
46	Rashmika Gogoi	Kiron Gogoi	18	FEMALE	HSLC	Tailoring
47	Minu Sahu	Amrit Teli Sahu	21	FEMALE	HS	Tailoring
48	Lovely Dutta	Ram Tamuli	22	FEMALE	HSLC	Tailoring
49	Jyoti Gogoi	Lt. Tularam Gogoi	43	FEMALE	HS	Tailoring
50	Manju Moni Baruah	Bijoy Baruah	30	FEMALE	HSLC	Tailoring
51	Runumi Konwar	Sunil Konwar	32	FEMALE	X	Tailoring
52	Niti Juni Gogoi	Homen Gogoi	20	FEMALE	HSLC	Tailoring
53	Bonti Gogoi	Anand Gogoi	35	FEMALE	X	Tailoring
54	Junu Tasha (Poli)	Buddheswar Tasha	22	FEMALE	HS	Tailoring
55	Bulbuli Gogoi Phukon	Lohit Phukon	22	FEMALE	HS	Tailoring
56	Rupa Tasha	Ranjit Tasha	35	FEMALE	10	Tailoring
57	Jahnabi Gogoi	Mintu Gogoi	28	FEMALE	MA	Tailoring
58	Priyanka Ganju	Lakhikanta Ganju	29	FEMALE	X	Tailoring
59	Abanita Gogoi	Mantu Gogoi	20	FEMALE	X	Tailoring
60	Pompi Hazarika	Dipankar Hazarika	20	FEMALE	X	Tailoring
61	Baby Gogoi	Gohin Gogoi	20	FEMALE	X	Tailoring
62	Rita Moni Saikia	Umesh Saikia	20	FEMALE	X	Tailoring



63	Bhanu Saikia	Mukti Saikia	20	FEMALE	HS	Tailoring
64	Deepjyoti Arandhara	Bhaskar Arandhara	23	FEMALE	HS	Tailoring
65	Saraswati Gogoi	Gobin Gogoi	23	FEMALE	HS	Tailoring
66	Parismita Dutta Gogoi	Ritupan Gogoi	28	FEMALE	HS	Tailoring
67	Gita Moni Dowarah	Tangkeswar Dowarsh	19	FEMALE	HS	Tailoring
68	Parul Borah	Rubul Borah	20	FEMALE	HSLC	Tailoring
69	Rinki Gogoi	Uma Gogoi	19	FEMALE	HSLC	Tailoring
70	Lakhi Handique	Hahi Handique	20	FEMALE	HSLC	Tailoring
71	Toramai Kurmi	Lt. Ganesh Kurmi	28	FEMALE	X	Tailoring
72	Pori Kurmi	Lt. Moniya Kurmi	21	FEMALE	HS	Tailoring
73	Bornali Gogoi	Raju Gogoi	27	FEMALE	BA	Tailoring
74	Mousumi Bauri	Bane Bauri	21	FEMALE	BA	Tailoring
75	Pinki Bauri	Dhanu Bauri	28	FEMALE	HS	Tailoring
76	Tilora Bezbaruah	Niren Bezbaruah	22	FEMALE	HSLC	Tailoring
77	Lipimoni Barthakur	Pranjal Barthakur	25	FEMALE	X	Tailoring
78	Kalpana Sahu	Ajit Sahu	30	FEMALE	X	Tailoring
79	Prastuti Gogoi	Binod Gogoi	18	FEMALE	HS	Tailoring
80	Mousumi Gogoi	Krishna Gogoi	18	FEMALE	HS	Tailoring
81	Marry Gogoi	Lolit Gogoi	17	FEMALE	HSLC	Tailoring
82	Karabi Gogoi Borah	Jadu Moni Borah	23	FEMALE	HS	Tailoring
83	Torali Lohar	Rajib Lohar	23	FEMALE	HSLC	Tailoring
84	Rekha Moni Gogoi	Madhab Gogoi	28	FEMALE	HS	Tailoring
85	Gitimoni Gogoi	Lakhyajit Gogoi	25	FEMALE	HSLC	Tailoring
86	Rashmita Gogoi	Pranabjit Gogoi	23	FEMALE	HSLC	Tailoring
87	Minakshi Bargohain	Pranjal Gogoi	25	FEMALE	HS	Tailoring
88	Lipi Gogoi	Ganesh Gogoi	30	FEMALE	HS	Tailoring
89	Indira Chetia	Kukoiram Chetia	25	FEMALE	X	Tailoring

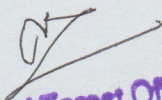
## TRAINING LIST OF NURSERY AT GARUPABAN

Sl. No.	Name of the Trainees	Address	Contact No.
1	Sri Banemadhab Gogoi	Na-Pam Baruwati, P.O.-Na-Pam Baruwati, Dist- Sivasagar, Assam	-----
2	Sri Simanta Bora	Seuj Chapori Gaon, Gelekey, Sivasagar	8399043783
3	Sri Amrit Arandhara	Deopani Gohain Gaon, P.O.-Na-Pam Baruwati, Dist- Sivasagar, Assam	9859393023
4	Bhadroo Manki	Na-Pam Baruwati, P.O.-Na-Pam Baruwati, Dist- Sivasagar, Assam	8011352826
5	Sri Moniram Ghatuwar	Chutia Gaon, PO-Gelekey, Sivasagar	7896741252
6	Mrs. Runu Gogoi Saikia	Gelekey Bortani Gaon, PO-Gelekey, Sivasagar	9954953713
7	Niru Manki	Na-Pam Baruwati, P.O.-Na-Pam Baruwati, Dist- Sivasagar, Assam	7086129263
8	Sri Praphula Phukan	Na-Pam Baruwati, P.O.-Na-Pam Baruwati, Dist- Sivasagar, Assam	-----
9	Sri Pronob Rajowar	Na-Pam Baruwati, P.O.-Na-Pam Baruwati,	7663045538
10	Md. Imran Ahmed	Na-Pam Baruwati, P.O.-Na-Pam Baruwati, Dist- Sivasagar, Assam	9954654132
11	Sri Manuj Gogoi	Na-Pam Baruwati, P.O.-Na-Pam Baruwati, Dist- Sivasagar, Assam	9854875522
12	Sri Ashim Sarmah	Deopani Gohain Gaon, P.O.-Na-Pam Baruwati, PS-Gelekey, Dist- Sivasagar, Assam	9577071355
13	Sri Nilambar Gogoi	Bosha Gaon, PO- Atkhel, Dist- Sivasagar, Assam	8011329269
14	Munmun Borgohain	Milan Nagar, PO-Gelekey, Dist- Sivasagar, Assam	9954725669
15	Sri Bhuban Bordoloi	Milan Nagar, PO-Gelekey, Dist- Sivasagar, Assam	9957453389
16	Rituparna Baruah	Amguri Town, Ward No.-1, PO- Amguri, Dist.-Sivasagar	9435278585
17	Ashim Gogoi	Gelekey Bortani Gaon, PO-Gelekey, Sivasagar	7896594472
18	Bidhan Kumar Gogoi	Gelekey Bortani Gaon, PO-Gelekey, Sivasagar	7896545702
19	Khirud Nayak	Modinagar Tea State, PO-Gelekey, Sivasagar	9706085971
20	Golap Gogoi	Milan Nagar, PO-Gelekey, Dist- Sivasagar, Assam	9678528317
21	Arnab Baruah	Gelekey College Road, Sivasagar	8876258806
22	Sri Purna Bawri	Na-Pam Baruwati, (Billbasti)	8761832389
23	Md. Muhib Ali	Deopani Gohain Gaon, P.O.- Deopani	9854605829

		Dist- Sivasagar, Assam	
24	Holi Ram Kurmi	Na-Pam Baruwati	7896194617
25	Nurul Hoda	Na-Pam Baruwati, P.O.-Deopani, Dist- Sivasagar, Assam	9577090347
26	Jamirotddin Ahmed	Na-Pam Baruwati, P.O.-Deopani, Dist- Sivasagar, Assam	7399270087
27	Sahadur Rohman	Na-Pam Baruwati, P.O.-Deopani, Dist- Sivasagar, Assam	9854564550
28	Raja Ahmed	Na-Pam Baruwati, P.O.-Deopani, Dist- Sivasagar, Assam	9854611441
29	Anisul Ali	Na-Pam Baruwati, P.O.-Deopani, Dist- Sivasagar, Assam	9859072487
30	Bina Bhuyan	Billbasti, PO-Na-Pam Baruwati,	-----
31	Sri Chandeswar Kurmi	Na-Pam Baruwati, P.O.-Na-Pam Baruwati, Dist- Sivasagar, Assam	8011944339
32	Lakhinandan Gogoi	Deopani Gohain Gaon, P.O.- Na-Pam Baruwati, Dist- Sivasagar, Assam	9706478566
33	Manuj Borgohain	Deopani Gohain Gaon, P.O.- Deopani Dist- Sivasagar, Assam	9613464499
34	Dhaniram Bauri	Bilbosti Gaon, PO- Athkhel, PS- Gelekey, Sivasagar	-----
35	Durgi Bauri	Bilbosti , Athkhel, Sivasagar	-----

**Sivasagar Division (Garupaban JFMC)**

<b>Sl. No</b>	<b>Amendments Suggested</b>	<b>Corrections Done</b>
1	National Bamboo Mission	Chapter 5
2	Finances and Budget	Chapter 5

  
Divisional Forest Officer,  
Sivasagar Division, Sivasagar