Base Line Survey of Two Blocks Kirmira and Laikera of Jharsuguda District and Formulation of Perspective Plan for Creation of New ITDA

Scheduled Castes & Scheduled Tribes Research and Training Institute (SCSTRTI), Bhubaneswar 2017
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Foreword

The Tribal Sub-Plan as a concept, approach and strategy owes its origin to the Fifth Five Year Plan (1974-79) period. Tribal Sub-Plan (TSP) configuration has inherent strength to take care of tribal people. The TSP approach envisages integrated development of the Tribal areas; wherein all programmes irrespective of their sources of funding operate in unison to achieve the common goal of bringing the area at par with the rest of the State and to improve the quality of life of the Tribals. The original strategy was oriented towards taking-up family oriented income generating schemes in the sphere of agriculture, horticulture, animal husbandry, elimination of exploitation human resources development through education and training programmes and infrastructure development programmes. This tribal development strategy has been reoriented to cover the employment-cum-income generation activities here to. The strategies more or less continue with refinement over the years with greater emphasis on tribal development.

ITDAs as nodal Tribal Development Agency were set up during the 5th Five Year Plan. An ITDA is set up in a block or group of blocks where the ST population is more than 50% of its/their total population. Based on this criterion, 119 Blocks of Odisha are now covered in 22 ITDAs. On the basis of 2011 census figure other two blocks namely Kirimira and Laikera of Jharsuguda district showing more than 50% ST population to the total population of the respective two blocks have been proposed for setting up of an ITDA.

Keeping this in view a baseline survey was conducted in the above mentioned two blocks. The study is empirical in nature. Data was collected from both primary and secondary sources. Primary data includes household survey adopting empirical method by administering Household Schedule, Focus Group Discussion (FGD), village survey and Key Informant Interview (KII) with concerned Line Department officials. The baseline survey provides a data base which helped in preparing the feasibility report for creation of a new ITDA along with need based perspective plan matrix for the total development of the ST people and their area. This feasibility study is based on gap analysis and requirement mapping with regard to village infrastructure facilities and access of basic amenities to households and livelihood improvement of STs. The baseline survey justifies the need for formation of a new ITDA and suggests a plan matrix for the total development of its area and ST people.

It is expected that this report and its data base will be useful to the Project Authority in preparation of long term plan in consultaion with the Gram Sabhas along with the technical supports from different line departments of Govt. of Odisha respecting the guidelines of Vanabandhu Kalyan Yojajana and the parameters of the PESA Act, 1996.

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### Acronyms & Abbreviations

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>APL</td>
<td>Above Poverty Line</td>
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<tr>
<td>AWCs</td>
<td>Anganwadi Centers</td>
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<td>AWW</td>
<td>Anganwadi Worker</td>
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<td>BDO</td>
<td>Block Development Officer,</td>
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<td>BEO</td>
<td>Block Education Officer,</td>
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<td>BPL</td>
<td>Below Poverty Line</td>
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<td>CBOs</td>
<td>Community Based Organisations</td>
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<td>CC</td>
<td>Cement Concrete</td>
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<td>CDMO</td>
<td>Chief District Medical Officer</td>
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<td>CHC</td>
<td>Community Health Centre</td>
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<td>CT</td>
<td>Community Toilet</td>
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<tr>
<td>DDUGKY</td>
<td>Din Dayal Upadhya Gramin Kousala Yojana</td>
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<tr>
<td>DRDA</td>
<td>District Rural Development Agency</td>
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<td>DSWO</td>
<td>District Social Welfare Officer</td>
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<td>DTDP</td>
<td>Dispersed Tribal Development Programme</td>
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<td>DWO</td>
<td>District Welfare Officer</td>
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<td>FGD</td>
<td>Focus Group Discussion</td>
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<td>FRA</td>
<td>Forest Rights Act</td>
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<td>Hacs</td>
<td>Hectares</td>
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<td>HDR</td>
<td>Human Development Report</td>
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<td>HH</td>
<td>Household</td>
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<td>HQ</td>
<td>Head Quarter</td>
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<td>ID</td>
<td>Identity</td>
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<td>IDS</td>
<td>Infrastructure Development Schemes</td>
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<td>IEC</td>
<td>Information, Education and Communication</td>
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<td>IFR</td>
<td>Individual Forest Rights</td>
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<td>IGNOAP</td>
<td>Indira Gandhi National Old Age Pension</td>
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</tbody>
</table>
IGNWP  Indira Gandhi National Widow Pension
IGS    Income Generating Schemes
IHL    Individual Household Latrine
ITDA   Integrated Tribal Development Agency
KII    Key Informant Interview
Kms    Kilometers
LAMPS  Large Area Multi-Purpose Society
MADA   Modified Area Development Agency
MBPY   Madhu Babu Pension Yojana
MGNREGS Mahatma Gandhi National Rural Employment Guarantee Scheme
MHUs   Mobile Health Units
MoTA   Ministry of Tribal Affairs
NGO    Non-Government Organization
NTFP   Non-Timber Forest Produce
OBC    Other Backward Class
OC     Other Castes
PACS   Primary Agriculture Cooperative Society
PD     Project Director
PDR    Population Doctor Ratio
PDS    Public Distribution System
PEO    Panchayat Executive Officer
PHC    Public Health Centre
PRI    Panchayati Raj Institutions
PTR    Pupil-Teacher Ratio
PVTGs  Particularly Vulnerable Tribal Groups
PWS    Piped Water Supply
ROR    Record of Rights
<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RWSS</td>
<td>Rural Water Supply and Sanitation</td>
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<td>SBM</td>
<td>Swachha Bharat Mission</td>
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<td>SC</td>
<td>Scheduled Caste</td>
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<td>SCA</td>
<td>Special Central Assistance</td>
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<td>SCSTRTI</td>
<td>Scheduled Castes and Scheduled Tribes Research and Training Institute</td>
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<tr>
<td>SHG</td>
<td>Self-Help Group</td>
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<td>Sq</td>
<td>Square</td>
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<tr>
<td>ST</td>
<td>Scheduled Tribe</td>
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<tr>
<td>T.D.C.C</td>
<td>Tribal Development Cooperative Corporation Ltd</td>
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<tr>
<td>TAC</td>
<td>Tribes Advisory Council</td>
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<td>TD</td>
<td>Tribes Development</td>
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<td>TrIGrant</td>
<td>Training Grant-in-Aid</td>
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<td>TSP</td>
<td>Tribal Sub-Plan</td>
</tr>
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<td>VAW</td>
<td>Village Agriculture Worker</td>
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<tr>
<td>VBYK</td>
<td>Vanbandhu Kalayan Yojana</td>
</tr>
<tr>
<td>WEO</td>
<td>Welfare Extension Officer</td>
</tr>
</tbody>
</table>
List of Tables

Table 1.1 : Study Coverage of Kirimira & Laikera Blocks of Jharsuguda District
Table 2.1 : Administrative set up of Kirimira and Laikera blocks of Jharsuguda district
Table 2.2 : Gender wise Demographic profile of Kirimira and Laikera Blocks
Table 2.3 : Caste-wise population structure
Table 2.4 : Social category wise Sex Ratio
Table 2.5 : Literacy Status of Kirimira and Laikera blocks of Jharsuguda District
Table 2.6.1 : Occupational pattern in Kirimira and Laikera blocks
Table 2.6.2 : Work Participation Rate
Table 2.7 : Land use Pattern in Jharsuguda District (area in hectares)
Table 2.8 : Educational Institutions of Kirimira and Laikera blocks under S&ME Education Departments.
Table 2.9 : Educational Institutions of Kirimira and Laikera blocks under ST & SC Department
Table 2.10 : Health care facilities in Kirimira and Laikera Blocks (In Numbers)
Table 2.11 : Existing Veterinary Institutions in Kirimira and Laikera Blocks (In Numbers)
Table 2.12 : Existing Drinking water facilities in Kirimira and Laikera Blocks (In Numbers)
Table 2.13 : Toilet facilities available in Kirimira and Laikera Blocks
Table 2.14 : Existing Electricity facilities in Kirimira and Laikera Blocks (In Numbers)
Table 2.15 : Card Holders and Benefits under Food Security Schemes
Table 2.16 : Card Holders under Social Security Schemes
Table 2.17 : Source-wise Net Irrigation Potential created in Kirimira and Laikera Blocks under Minor Irrigation Projects (area in hectares)
Table - 3.1 : Religion of HHs of Kirimira and Laikera blocks of Jharsuguda district
Table - 3.2.1 : Social category-wise HHs covered in Kirimira and Laikera blocks
Table - 3.2.2 : Single and women headed HHs
Table - 3.3 : Social category wise Population
Table - 3.4 : Social Category and Block wise Sex ratio
Table - 3.5 : Distribution of population by Age Group
Table - 3.6 : Literacy Status
Table - 3.7 : Social category-wise family type
Table - 3.8 : Ownership of houses
Table - 3.9 : Type of House
Table - 3.10 : Sources of drinking water
Table - 3.11 : Toilet facilities
Table - 3.12 : Use of Toilets
Table - 3.13 : Health Conditions
Table - 3.14 : Electricity connection in HHs
Table - 3.15 : Status of BPL category Households
Table - 3.16 : Operational Land Holdings
Table - 3.17 : Size of operational land holdings (Revenue land in acres)
Table - 3.18 : Operational land holdings
Table - 3.19 : Size of land holdings (Forest land in acres)
Table - 3.20 : Status and Size of Irrigated land
Table - 3.21 : Asset Position (Durables)
<table>
<thead>
<tr>
<th>Table</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Table - 3.22</td>
<td>Livestock Asset</td>
</tr>
<tr>
<td>Table - 3.23</td>
<td>Annual Income Pattern</td>
</tr>
<tr>
<td>Table - 3.24</td>
<td>Annual Expenditure Pattern</td>
</tr>
<tr>
<td>Table - 3.25</td>
<td>Indebtedness</td>
</tr>
<tr>
<td>Table - 3.26</td>
<td>Source of Borrowing Sources of borrowing</td>
</tr>
<tr>
<td>Table - 3.27</td>
<td>Entitlement Matrix</td>
</tr>
<tr>
<td>Table - 4.1</td>
<td>Study coverage in Kirimira and Laikera Blocks of Jharsuguda district</td>
</tr>
<tr>
<td>Table - 4.2</td>
<td>Block-wise total population, sex ratio and average size of HH</td>
</tr>
<tr>
<td>Table - 4.3.1</td>
<td>Social Category wise population, Sex Ratio and Average HH Size</td>
</tr>
<tr>
<td>Table - 4.3.2</td>
<td>Community wise population of Scheduled Tribe HHs of Jharsuguda district</td>
</tr>
<tr>
<td>Table - 4.4</td>
<td>Block wise availability of educational institutions</td>
</tr>
<tr>
<td>Table - 4.5</td>
<td>Status of Pupil Teacher Ratio (PTR)</td>
</tr>
<tr>
<td>Table - 4.6</td>
<td>Institution wise Pupil Teacher Ratios (PTRs)</td>
</tr>
<tr>
<td>Table - 4.7</td>
<td>Block-wise Availability of water sources</td>
</tr>
<tr>
<td>Table - 4.8</td>
<td>Block-wise Functioning of water sources</td>
</tr>
<tr>
<td>Table - 4.9</td>
<td>Block wise Availability of Toilets</td>
</tr>
<tr>
<td>Table - 4.10</td>
<td>Block wise Availability of Individual toilets and requirements</td>
</tr>
<tr>
<td>Table - 4.11</td>
<td>Availability of Electricity</td>
</tr>
<tr>
<td>Table - 4.12</td>
<td>Availability of Health Care Centers</td>
</tr>
<tr>
<td>Table - 4.13</td>
<td>Availability of Veterinary Institutions</td>
</tr>
<tr>
<td>Table - 4.14</td>
<td>Availability of Cooperative Institutions</td>
</tr>
<tr>
<td>Table - 4.15</td>
<td>Availability of Agricultural Institutions</td>
</tr>
<tr>
<td>Table - 4.16</td>
<td>Availability of Horticulture Centres</td>
</tr>
<tr>
<td>Table - 4.17</td>
<td>Availability of other Institutions</td>
</tr>
<tr>
<td>Table - 4.18</td>
<td>Road Connectivity (Type of Road)</td>
</tr>
<tr>
<td>Table - 4.19</td>
<td>Access to Important Centres</td>
</tr>
<tr>
<td>Table - 4.20</td>
<td>Distance coverage to important Centres (GP Hqs)</td>
</tr>
<tr>
<td>Table - 4.21</td>
<td>Distance coverage to Important Centres (Block Hqs)</td>
</tr>
<tr>
<td>Table - 4.22</td>
<td>Distance coverage to Important Centres (Nearest market centre)</td>
</tr>
<tr>
<td>Table - 4.23</td>
<td>Distance coverage to Important Centres (Cattle Market Area)</td>
</tr>
<tr>
<td>Table - 4.24</td>
<td>Presence of SHGs</td>
</tr>
<tr>
<td>Table - 4.25</td>
<td>Forest Area (in acre)</td>
</tr>
<tr>
<td>Table - 4.26</td>
<td>Status of IFR in Kirimira and Laikera of Jharsuguda District</td>
</tr>
<tr>
<td>Table - 4.27</td>
<td>Major collection of NTFPs</td>
</tr>
<tr>
<td>Table - 4.28</td>
<td>Expenditure Made under SCA to TSP for Kirimira and Laikera blocks MADA</td>
</tr>
<tr>
<td>Table - 5.1</td>
<td>Gap and Requirement mapping of village infrastructure status in Kirimira Block</td>
</tr>
<tr>
<td>Table - 5.2</td>
<td>Gap and Requirement mapping of Basic amenities of HHs in Kirimira Block</td>
</tr>
<tr>
<td>Table - 5.3</td>
<td>Gap and Requirement mapping of village infrastructure status in Laikera Block</td>
</tr>
<tr>
<td>Table - 5.4</td>
<td>Gap and Requirement mapping of Basic amenities of HHs in Laikera Block</td>
</tr>
<tr>
<td>Table - 5.5</td>
<td>Gap and Requirement mapping of village infrastructure</td>
</tr>
<tr>
<td>Table - 5.6</td>
<td>Gap and Requirement mapping of Basic amenities</td>
</tr>
<tr>
<td>Table - 5.7</td>
<td>Plan Matrix</td>
</tr>
<tr>
<td>Table - 5.8</td>
<td>Head wise Infrastructure Cost Estimation</td>
</tr>
</tbody>
</table>
List of Figures

Fig.3.1.1 : Distribution of ST Population by Age Group
Fig.3.1.2 : Social Category-wise Distribution of Population by Age Group
Fig.3.2.1 : Literacy Rate in Kirmira & Laikera Blocks
Fig.3.3.1 : Education Attainment of ST population
Fig.3.3.2 : Social Category-wise Education Attainment
Fig.3.4.1 : Family Type of STs
Fig.3.4.2 : Social category wise family type
Fig.3.5.1 : Ownership of ST houses
Fig.3.5.2 : Ownership of houses in Kirmira & Laikera Blocks
Fig.3.6.1 : Type of ST HHs
Fig.3.6.2 : Social Category-wise Types of House in Kirmira & Laikera Blocks
Fig.3.7 : Sources of Drinking Water supply among ST Houses
Fig.3.8 : Toilet facilities among ST HHs in Kirmira & Laikera Blocks
Fig.3.9.1 : Use of Toilets of ST HHs
Fig.3.9.2 : Use of HH Toilets in Kirmira & Laikera Blocks
Fig.3.10 : Health Conditions of ST population
Fig.3.11.1 : Electricity connection of ST HHs
Fig.3.11.2 : Social category wise HH Electrification
Fig.3.12.1 : Status of BPL category among ST Households
Fig.3.12.2 : Social category wise BPL Category HHs
Fig.3.13.1 : Operational land holdings of ST HHs
Fig.3.13.2 : Social category wise Operational Land Holdings
Fig.3.14 : Average Size of Operational Land Holdings (Homestead land)
Fig.3.15 : Average Size of Operational Land Holdings (Agriculture) in Acres
Fig.3.16.1 : Land Holdings of ST HHs
Fig.3.16.2 : Social Category-wise Land Holders
Fig.3.17 : Average Size of Land Holdings (Homestead) in Acres
Fig.3.18 : Average Size of Land Holdings (Agriculture) in Acres
Fig.3.19.1 : Irrigated land and Non Irrigated land holders among ST HHs
Fig.3.19.2 : Social Category-wise irrigated Agriculture land (In Acre)
Fig.3.20 : Livestock Assets of ST HHs
Fig.3.21 : Income Pattern Fig.3.22
Fig.3.22 : Expenditure Pattern Fig.3.23
Fig.3.23 : Indebtedness Status of HHs
Fig.3.24 : Social Category-wise Sources of Borrowing Status
Executive Summary

The general plan schemes and programmes designed for the overall development of the economy hardly improved the socio-economic status of STs. The benefit of such general welfare schemes did not percolate down towards the development of ST population of the country in any significant manner. Thus the Tribal Sub-Plan (TSP) Approach was initiated during Fifth Five Year Plan for socio-economic amelioration of the tribal communities. Through special tribal development agencies (ITDP/ITDA) the ST development effort was revamped and invigorated in order to fulfill the constitutional mandates of ensuring better quality of life of the schedule tribes. An ITDA is set up in a block or group of blocks where the ST population is more than 50% of its total population. The Tribal Sub-Plan (TSP) of Odisha now consists of 119 Blocks including Titeibani block of Deogarh District which has been declared as TSP block by Government of India recently in 2015. As per 2011 census figure other blocks, namely Kirimira and Laikera Blocks of Jharsuguda district and Jujumura Block in Sambalpur district have also been identified based on the criteria (more than 50% ST population) for setting up two new ITDAs.

Rationale for conducting Baseline Study:

As per 2011 census, the ST population in Kirimira Block is 22604 (52.69%) and Laikera Block is 25886 (51.78% of its total population) and both the contiguous blocks taken together constitute 52.20% ST population of their total population, which deserve to be declared as ITDA as per the TSP norm. Only STs inhabiting area in part blocks receive benefits through MADA scheme. But the ST people residing in the remaining parts of the said two Blocks are deprived of the benefit of TSP Approach. Thus the SCSTRTI, Odisha has undertaken baseline surveys in two blocks to justify the need for formation of new ITDA for the overall development of the ST population and preparation of an Action Plan.

Objectives of the Study:

The broad objective of the study is to justify the need for setting up of a new ITDA for Kirimira and Laikera blocks of Jharsuguda district comparing tribal socio-economic conditions with that of non-tribal by undertaking Baseline Survey in the said blocks and to prepare a plan matrix for developing perspective plan for the ST people and their area.

Universe & Sample:

The study covered all villages (both revenue and hamlet) of Kirimira and Laikera blocks of Jharsuguda district. Hundred percent tribal HHs of the said two blocks was covered through collection of door to door HH data. One sample HH from each category from each village was drawn randomly for a comparative analysis. Under this baseline study, door to door HH data was collected. All total 5631 HHs covering 5494 tribal HHs, 58 SC HHs, 79 HHs of OC category of HHs of 41 revenue villages of 8 GPs of Kirimira and a total of 6539 HHs covering 6414 tribal HHs, 53 SC HHs, 72 HHs of OC category of 45 revenue villages of 11 GPs of Laikera were surveyed for the purpose. All total in two blocks, 12170 HHs covering 11908 ST HHs, 111 SC HHs and 151 HHs from OC category were surveyed for the purpose.
Methodology:

The study is empirical in nature. Data was collected from both primary and secondary sources. Primary data includes (i) household survey through empirical method administering Household Schedule, (ii) Focus Group Discussion (FGD) through village survey and (iii) Key Informant Interview (KII) with concerned Line Department officials. The secondary sources of data were collected from published and unpublished documents of Government Departments such as 2011 Census Report, District Statistical Hand Book, Economic Survey, Directorate of Economics and Statistics, website, etc. Data compilation was done through Micro-Excel format. Statistical tool like average and percentage have been used for the purpose.

Organization of report:

The report comprises of six chapters inclusive of executive summary. First chapter is Introduction covering study objectives, rationale, methodology and limitations. Second chapter focuses on “profile” of study area giving a picture on demographic profile of area and people. Socio-Economic Profile of villages and access to basic amenities including need assessment are reflected in third chapter. Fourth chapter discusses entirely on existing resources and infrastructure facilities. Fifth chapter identifies gaps and requirements therein and also provide a Plan matrix for the prospective ITDA. Sixth chapter is a resume of the previous discussions with suggestive recommendations.

Limitations:

Due to time and fund constraint, survey of other than STs could not be covered totally. Only one sample HH from each of the SC and others was taken in the study for comparative analysis. Following the Operational Guidelines of Vanbandhu KalayanYojana (VBKY), Ministry of Tribal Affairs, GOI and parameters of PESA Act, 1996 the base line survey report provides an indicative plan matrix based on real need based assessment of ST households and villages, which would be quite useful support to the proposed Project Authority (PA, ITDA) for framing a long-term (3 years) and annual action plans.

Key findings:

As per 2011 census, the ST population of the proposed ITDA area is 48,490 (in Kirimira Block, 22604 (52.69%) and Laikera Block, 25886 (51.78%) of its total population) which deserve to be declared as an ITDA as per the TSP norm. The ST population of both the blocks is 48,490 (52.20 % of their total population).

The present baseline study conducted in 2016 revealed that:

- There are as many as 11908ST households and 51166 ST population from 134 villages in 19 GPs of Laikera and Kirimira blocks taken together in Jharsuguda district.
• The Base Line Survey (2016) report reveals a positive ST population growth rate of 5.5 in the area (Likera block 4.5 and Kirimira 6.5) over a period of half-a-decade (2011-2016).
• There is a favourable sex ratio of the ST population in the project area, 1007 females per 1000 males.
• ST literacy rate (70.04%) is lower than the literacy rate among general population (78.06%) indicating relative educational backwardness among tribal community.
• Income level of most of the tribal HHs is very low i.e Rs.20000 to Rs.30000/- per annum.
• Annual income of about 45% ST HHs is reported between Rs.20000/- and Rs.40000/-. Economic condition of ST HHs is poor in comparison to other social category. Average annual expenditure of ST HHs is revealed as Rs.49951.42/- which is less than the poverty line (Rs.58320/-) indicated by Rangarajan Committee. As such 8483 (71.24 %) ST HHs are reported as BPL category. This implies that the economic condition of ST HHs in Kirimira and Laikera blocks is poor.
• The living condition of tribals is worse. As many as 10657 (92.06%) HHs live in worse housing conditions. Only 8% have pucca houses live in comfortable life.
• Road connectivity to important centres is not good. For instance 24 (17.91%) villages have very poor condition of roads to access GP HQ, 26 (19.40%) to Block HQ, 19 (14.18%) villages face difficulties to go to nearest market place. The situation becomes worse during rainy season.
• Out of 134 villages, 11 villages and 12 villages lack supplementary feeding/pre-primary and elementary education facilities, within the radius of more than 1 km respectively.
• A total 24 (17.91%) villages, mostly cut off or hilly area, lack connectivity to GP and Block Hqs. and market centres.
• Only 916 (7.69%) ST HHs use cooking gas. This indicates that a total of 10992 ST hhs living in kutch and semi-pucca houses without using cooking gas creates bad and polluted environment and leads to health hazards.
• A total of 19955 (39.00%) ST people are suffering from regular ailing and/or chronic diseases.
• As many as 1191 (10.00%) ST HHs have no access to safe drinking water.
• A total of 6549 (55%) ST HHs have no toilets. Awareness is lacking among tribals for using toilets. More than 2292 (35%) HHs are not using toilets even they have toilets in their house premises.
• A total of 5001 (42%) ST HHs lack electricity connection to their houses.
• A total of 171 (1.44%) ST HHs are land less. They have neither recorded land nor encroachment land.
• Majority, 9884 (83%) ST landholders are marginal farmers and only 0.12% belongs to large farmers’ category.
• Mostly, 10360 (87%) HHs have non-irrigated land. Hence, productivity is low.
• While comparing the proposed project area figure with that of the district figure in respect of indicators like percentage of tribal population, literacy rate, Pupil-Teacher Ratio (PTR), occupational structure etc, the position of the former is worse.
• Most of the villages, 130 (97%), have no basic infrastructure like street light facilities.
• SHGs are not strengthened. Though out of 896 SHGs, 719 (80.24%) SHGs have bank linkages, they have not been received any training relating to income generating activities. Thus their income generating activities have not been taken up seriously and productively.
• Tribals are unaware of their rights and entitlements. No training has been provided relating to their rights and entitlements. Hence, benefits of government schemes are not reaching to them.

Taking all the indicators into consideration, the present study reveals that the said two blocks are backward in all respects. There is need for all round development of the areas and population of two blocks by setting up of an ITDA. It seems to be a deserving case for creation of a new ITDA taking Kirmira and Laikera blocks to cover tribal development interventions for the entire ST population of these two blocks.

As per 2011 census, the ST population of the proposed ITDA area is 48,490 (52.20 %) of its total population (52.69% of 22604 population in Kirmira Block and 51.78% of 25886 population in Laikera Block). It is fulfilling the population criteria for setting up of an ITDA. Basic information of the people and area of Kirmira and Laikera Blocks portrait their backwardness both socially and economically, with highest number of problematic villages, numerical majority of the STs and high incidence of poverty among the STs.

The baseline survey justifies the need for declaration/formation of a new ITDA for the total development of its area and ST people. The study suggests that the Headquarters of the proposed ITDA may be located at Laikera block.

The proposed ITDA will cater to the development needs of as many as 51,166 ST populations of 11,908 households from 134 villages in 19 GPs of Laikera and Kirmira blocks in Jharsuguda district of Odisha. For development interventions, it will give top priority to address the difficulties of the problem villages and 8483 (71.24 %) ST BPL families.

The ambitious plan matrix suggests creation of potential irrigation for 14522 acre of land of 7835 (86.90%) ST HHs and integrated agriculture for livelihood promotion of the 8483 (71.24 %) ST BPL families and ensure connectivity to 21 inaccessible/problem village through construction of CC Road to link them with the headquarters of Blocks and GPs and Market centres. Besides, the plan looks in to the matters of creating elementary educational infrastructure for spread of elementary education for 12villages, health& nutrition infrastructure for 11 villages, power supply (street lights) for 130 villages and also extend provision of safe drinking water to 2 villages. Secondary and higher education with skill improvement of tribal youths and opening of employment avenues through vocational education
and training are the additionality of the plan.

The total project cost estimate for implementation of different schemes and programmes in the proposed Laikera and Kirimira ITDA area for development of ST people and their area as per the Plan Matrix will amount to Rs. 554 crore 27 lakh approximately. Out of the total cost estimate, Rs. 473 crore 32 lakh, Rs. 80 crore 64 lakh and Rs. 31 lakh may be spent for creation of infrastructure development programmes, Income Generating Schemes and Information and Education and Communication programmes, respectively.

For smooth functioning of the proposed new ITDA and its planning and monitoring programme, the report suggests creation of an Apex Body namely, Project Level Committee (PLC)/Governing Body (GB)headed by the Collector and District Magistrate, Jharsuguda and taking members from People’s Representatives and District Level Line Department Officers.

Further, an ITDA Office headed by a Project Administrator (P.A.) of OAS/OWS (I) and assisted by a Special Officer of OWS (II) with supporting staff will be established by Govt. of Odisha which will work under the immediate control and supervision of the Collector and District Magistrate mostly for maintenance of accounts, maintaining coordination and liaison between various agencies for implementation of different programme.

The data base of this report is expected to be useful to the Project Authority while preparing a long term plan in consultation of the Gram sabhas of the project villages and with the technical supports of different line departments Govt. of Odisha and respecting the parameters of the PESA Act, 1996 as well as the guidelines of Vanabandhu Kalyan Yojana.

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Contents

Acknowledgements  i
Research Team  ii
Foreword  iii
Acronyms & Abbreviations  iv
List of Tables  vii
List of Figures  ix
Executive Summary  x

Chapter - I  Introduction
Background - Rationale for conducting baseline study - Objectives of the Study, Universe &Sample - Study Coverage of Kirimira & Laikera Blocks in Jharsuguda District-Methodology - Primary Sources {Household Survey, Focus Group Discussion (FGD)/Village Schedule, Key Informant Interviews (KII)} - Secondary Sources {Study Approach & Strategy}- Statistical Tools - Organization of Report - Limitations

Chapter - II  Profile of the Kirimira & Laikera Blocks
Background - Demographic Profile - Administrative set up - Gender-wise Demographic profile- Caste-wise Gender Population structure – Caste-wise Population structure - Literacy Status- Occupational Pattern - Land Use Pattern - Education Institutions - Health Institutions - Water and Sanitation Facilities - Creation of Potential Irrigation Sources - Conclusion

Chapter - III  Socio-Economic Profile of Households of Kirimira & Laikera Blocks

Chapter - IV  Existing Resources & Infrastructure Facilities: A Situational Analysis
Background - Block wise HHs coverage - Demographic Profile of Kirimira & Laikera Blocks: {Block wise total population, sex ratio and average size of HH, Social Category wise population, sex ratio and average HH size} - Basic Amenities {Education Facilities- Block wise - availability of educational institutions - Status of Student teacher ratio - Institution wise student teacher ratios - Drinking water facilities - Sanitation Facilities - Electricity Facilities - Health Facilities -
Veterinary Service Facilities - Availability of Cooperative Institutions - Availability of Agriculture Institutions - Availability of other Institutions - Connectivity to important centers - Access to important centres - Distance coverage - Existence of SHGs - Forest Area and Tribal Rights- NTFP and Tribal livelihood - Key findings.

Chapter-V Resource Gap Analysis & Perspective Plan for Creation of ITDA

Resource Gap Analysis – (Kirimira Block (Village level) - Kirimira Block (HH level)- Laikera Block (village level) - Resource Gap in Laikera Block (Household Level) - Resource Gap in Project Blocks of Jharsuguda District (Villages) - Project Blocks of Jharsuguda District (Household Level) - Plan Matrix)

Chapter-VI Conclusion - Justifications and Recommendations

List of Annexures

Annexure-1 District-wise Location of ITDA/MADA/Clusters/Micro Projects in Odisha 131
Annexure-2 List of ITDAs in Odisha 132
Annexure-3 GP wise list of villages and hamlets 134
Annexure-4 Household Survey Schedule 139
Annexure-5 Village Survey Schedule 146
Annexure-6 GP wise SSD Schools of Jharsuguda District 158
Annexure-7 Community wise Scheduled Tribes in Jharsuguda District 159
Annexure-8 Convergence of Schemes for the Development of STs 163
Annexure-9 Plan Estimate 168
Annexure-10 Map of Proposed Laikera and Kirimira ITDA Area 178
Chapter-I

Introduction

Odisha occupies a unique position among the Indian States and Union Territories for having a rich and colorful tribal scenario. Majority of Scheduled Tribes live in hilly and forest regions. Their economy is largely subsistence oriented, non-stratified and non-specialized. Their social system is simple and aspirations and needs are limited. According to 2011 Census, the tribal population of the State is 95, 90, 756 constituting 22.85% of the total population of the State and 9.66% of the total tribal population of the country. There are 62 different tribal communities including 13 Particularly Vulnerable Tribal Groups (PVTGs) in the State. Odisha has the third largest concentration of tribal population in the country. About 44.70% of the State’s geographical area which is known as Scheduled Area extends over 119 out of 314 Blocks in 12 districts and a portion of SorodaTahsil of Ganjam Districts. The Scheduled Tribe population of Scheduled Area accounts for about 68.09% of total tribal population of the State. The remaining tribal population inhabits in MADA/Cluster pockets and is dispersed in other area covered under the Dispersed Tribal Development Programme (DTDP)(Annual Activity Report 2015-16).

Background

Tribal development involves development of tribal groups in different stages of development in different regions. The Tribal Development Approach (TDA) has undergone several changes in successive plan periods according to the need and priority of development. For example, during the Second Plan period, Area Development Approach for tribal development was introduced where the identification of blocks of tribal concentration was more. But the diversity and magnitude of tribal problem could not integrated with realistic development Programmes and the concept of tribal development blocks was evolved. This resulted in identification of 75 Tribal Development (TD) blocks in the state and concerted efforts in spheres of health, education, irrigation and drinking water facilities were made.

This approach continued till the end of 4th Plan. The implementation of different Programmes in these blocks helped in the development of the areas in general and the tribals in particular. The Tribal Sub-Plan strategy has been adopted since the beginning of the Fifth Five Year Plan (1974-75) which continues to shape the core strategy for tribal development.

This strategy is based on area development approach with adequate emphasis on family oriented income generating activities taking a comprehensive view of tribal problems with the objective to narrow down the gap of socio-economic development between Tribals and others, within the framework of Nation’s Five Year Plans. The Tribal Sub-Plan (TSP) approach envisages integrated development of the Tribal areas, where in all programmes irrespective of their sources of funding operate in unison to achieve the common goal of bringing the area at par with the rest of the State and to improve the quality of life of the Tribals. The original strategy was oriented towards taking-up family oriented income generating schemes in the sphere of agriculture, horticulture, animal husbandry, elimination of exploitation, human resources development through education and training programmes and infrastructure development programmes. This
tribal development strategy has been reoriented to cover the employment-cum-income generation activities here to. The strategies more or less continue with refinement over the years with greater emphasis on tribal development. The Tribal Sub-Plan consists of 119 Blocks including Tileibani block of Deogarh District which has been declared as TSP block by Govt. of India during 2015.

ITDAs as nodal Tribal Development Agency were set up during the 5th Five year plan. An ITDA is set up in a Block or group of blocks where the ST population is more than 50% of its total population. Based on the criteria, 119 Blocks of Odisha covered 22 ITDAs namely, Koraput, Jeypore, Malkanagiri, Nowrangpur, Rayagada, Gunupur, ThuanulRampur, Baripada, Kaptipada, Karanjia, Rairangpur, Sundergarh, Bonia, Panposh, Keonjhar, Champa, Kuchinda, Nilagiri, Parlakhemundi, Balliguda, Phulbani and Tileibani. Other blocks namely Jujomura Block in Sambalpur district and Kimirira and Laikera Block of Jharsuguda district have also been identified based on the criteria (more than 50% ST population) for setting up ITDAs (Refer Annexure-1).

Rationale for conducting Baseline Study
As per 2011 census, the ST population in Kimirira Block is 22604 (52.69%) and Laikera Block is 25886 (51.78% of its total population) which deserve to be declared as ITDA as per the TSP norm. The number of villages in these blocks is 45 and 42 respectively. The areas of both the Blocks are adjacent to each other. Only STs inhabiting in a portion of the blocks are enjoying the benefit for implementation of MADA scheme in the area (See list of MADA clusters in Annexure-2). But the ST people residing in other parts of the areas of two Blocks are deprived of the benefit of TSP Approach.

Therefore, there is a need of conducting Baseline Surveys in the said two Blocks of Jharsuguda district for preparation of Action Plan and feasibility study to justify the need for declaration/formation of new ITDA for the total development of the ST population. Keeping this in view, SCSTRTI, Odisha has undertaken a baseline survey on the above said blocks.

Objectives of the Study:
Broad objective
To justify the need for setting up of a new ITDA for Kimirira and Laikera blocks of Jharsuguda district comparing tribal socio-economic conditions with that of non-tribal by undertaking Baseline Survey in the said blocks.

The study has been undertaken with the following objectives:
- To find demographic profile of people of the study area
- To assess socio-economic status of people of the area including their housing conditions/ownership status, land holding pattern and fiscal status.
- To examine access to basic infrastructure facilities available at each HH and village level.
- To estimate possession of material, livestock and farming assets of HHs.
- To locate productive resource base including human resources available in the area.
• To identify gaps of villages/villagers in respect of infrastructure/basic amenities/livelihood and income generation.
• To prepare requirement mapping of villages
• To justify the need for creating ITDAs in the said blocks.
• To prepare a plan matrix for developing perspective plan (indicative) in newly created ITDA.

Universe & Sample:
The study covered all villages (both revenue and hamlet) of Kirmira and Laikera blocks of Jharsuguda district. Since the present study was undertaken for the purpose of giving benefits (under ITDA) to the deprived tribal HHs, 100% tribal HHs of Kirmira and Laikera blocks were covered. In order to justify that tribal HHs are more backward in all respects than the other castes, one sample HH from each category from each village was drawn randomly for a comparative analysis. Under this baseline study, door to door HH data was collected. All total 5631 HHs covering 5494 tribal HHs, 58 SC HHs, 79 HHs of OC category of HHs of 41 revenue villages of 8 GPs of Kirmira and a total of 6539 HHs covering 6414 tribal HHs, 53 SC HHs, 72 HHs of OC category of 45 revenue villages of 11 GPs of Laikera were surveyed for the purpose. All total in two blocks, 12170 HHs covering 11908 ST HHs, 111 SC HHs and 151 HHs from OC category were surveyed. GP wise list of villages and hamlets is given in Annexure-3.

Table 1.1: Study Coverage of Kirmira & Laikera Blocks of Jharsuguda District

<table>
<thead>
<tr>
<th>Name of Block</th>
<th>No. of GPs</th>
<th>No. of Villages</th>
<th>No. of Hamlets</th>
<th>HHs</th>
<th>Population</th>
</tr>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ST</td>
<td>SC</td>
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<td>41</td>
<td>27</td>
<td>5494</td>
<td>58</td>
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<td>Laikera</td>
<td>11</td>
<td>45</td>
<td>21</td>
<td>6414</td>
<td>53</td>
</tr>
<tr>
<td>Kirmira + Laikera</td>
<td>19</td>
<td>86</td>
<td>48</td>
<td>11908</td>
<td>111</td>
</tr>
</tbody>
</table>

Source: Baseline Survey 2016-17

Methodology:
The study is empirical in nature. Data was collected from both primary and secondary sources. Primary data includes (i) HH survey through door to door approach administering Household Schedules, (ii) Focus Group Discussion (FGD) through village survey and (iii) Key Informant Interview (KII) with concerned Line Department Officials.

Primary Sources- Household survey
Pre-tested structured schedules were designed to secure information on demographic, socio-economic status, and access to basic services and need for their sustained livelihood including their basic need/entitlement. Tools were finalized after field testing done in one of the villages of Niladriprasad GP of Banapur block. Prior to administering the final schedules, tools were
shared among the research staff and Commissioner-cum-Director of SCSTRTI for their feedback and inputs.

All tribal HHs of the select blocks were covered for personal interview. Besides, one from each category like SC, OBC and general category (whoever available) was covered for comparative analysis. (See HH schedule in Annexure-4)

**Focus Group Discussion (FGD)/Village schedule**
Focus Group Discussions (FGDs) were organized in all the villages including hamlets (by using village survey tool). In each village, 10-20 members comprising of male members/female members particularly the key persons of the village like Ward member, ASHA, AWW, SHG members, youth group, teachers and elder persons were part of the discussion. A structured village survey schedule was designed containing the enquiries like demographic status of the village, access to infrastructure and basic amenities including existence of health and education institutions, important centres, natural and human resources, existing irrigation sources and potential irrigation sources, exploring opportunities for livelihood. Gap analysis and mapping of requirements have been designed from the emerged information collected from the village study. (See Village schedule in Annexure-5)

**Key Informal Interviews (KII):**
A semi-structured framework was prepared for interaction with stakeholders like concerned Government officials including District Collector, PD, DRDA, Block Development Officer (BDO), Tahasildar, Deputy Director Agriculture, WEOs, PEO and DWO, DSWO, CDMO, Block Education Officer, NGOs/CBOs and cross-sections of the society with regard to the existing and potential resources for sustained livelihood of tribals and locate priority needs of local people in respect of their sustained livelihood and village development.

**Secondary Source:**
The secondary sources of data was collected from published and unpublished documents of Government Departments such as Census Report, Statistical Abstract of Odisha, SCSTRTI, District Statistical Hand Book, Agricultural Census, Economic Survey, Directorate of Economics and Statistics, information from different line departments like Panchayati Raj, Planning (Deputy Director), revenue, welfare, irrigation, agriculture and horticulture etc. Besides this, secondary data were also collected from information sheets from different departments, books and from website sources.

**Study Approach and Strategy:**
Prior to start of preparing research design and tools (quantitative and qualitative), an inception meeting was organized with concerned DWOs. Consultant and Nodal officer for the study, research staff including Asst. Director (Research) were part of the meeting. The meeting was held under the chairmanship of Commissioner-cum-Director on 15th September 2016. It was decided that all field data would be collected by the respective village and GP level teachers. All total 65 teachers for household data collection and 5 block level government officials (from education and welfare) including teachers for village data collection and supervision were
engaged under the present baseline study. Sample design and questionnaire including structured and unstructured schedules were prepared keeping the objectives in view and shared among the research staff and Director for receiving necessary feedback. Prior to administering the final schedules, field testing was done in one of the villages of Niladriprasad GP of Banapur block. All interviewers including field supervisors were provided a 2-day training (including field practice) on HH schedule, technique of data collection (both qualitative and quantitative). Each group of enumerators worked under their respective field supervisors. Overall monitoring of data collection was done by the Consultant, Research Associate and Research Assistants. For technical advice, the Nodal Officer was consulted from time to time. After cleaning and entry of data, field data was compiled and analysed under the guidance of the Consultant. Draft report was shared among research personnel and concerned district and block officials and Director, SCSTRTI prior to finalization of the report.

**Statistical tools:**
- Data compilation was done through Micro-Excel format.
- No sophisticated statistical tool was adopted for the study.
- Only statistical average and percentages has been used for the purpose.

**Organization of report:**
The study report comprises of six chapters including of executive summary. First chapter is Introduction covering study objectives, rationale, sample and methodology, study approach and strategy and limitations of the study. Second chapter focuses on “profile” of study area giving a picture on demographic profile of the block and district, occupational pattern and land utilization pattern etc. Socio-Economic Profile of villages is reflected in Third chapter analyzing personal household status, income and expenditure pattern, land holding and occupational status and access to basic amenities including need assessment. Fourth chapter discusses entirely on existing resources and infrastructure facilities. Fifth chapter gives focus on identification of gaps and requirements therein. This chapter also provides a Plan matrix indicating ‘Perspective Plan’ for the prospective ITDA. Besides, a resume’ of the previous discussions and suggestive recommendations are in addition which is reflected in Sixth chapter.

**Limitations:**
The study has following limitations:
- Due to time and fund constraint, survey of other than STs could not be covered totally. Only one sample HH from each of the SC and others was taken in the study for comparative analysis. The study would have given better results (comparative analysis) if all the HHs of other castes and communities could have been covered under the study. The comparison is not scientific because ST sample size is taken 100% (universe) whereas a small sample size of other social category is drawn.
- As per the Operational Guidelines for Implementation and Monitoring of Vanbandhu Kalayan Yojana (VBKY), Ministry of Tribal Affairs, GOI, Action plans/ Perspective Plans with outcome and monitorable targets for tribal development will be prepared after baseline assessment at the village level with involvement of experts from the local community, the block level officers, representatives of Panchayats and Gram Sabhas.
Further in the parameters of PESA Act, 1996 4. (e) every Gram Sabha shall- (i) approve of the plans, programmes and projects for social and economic development before such plans, programmes and projects are taken up for implementation by the Panchayat at the village level; (ii) be responsible for the identification or selection of persons as beneficiaries under the poverty alleviation and other programmes;

- Owing to paucity of time and fund and keeping the aforementioned two legal and administrative prescriptions in view, instead of preparing a perspective plan, the base line survey report provides an indicative plan matrix based on real need based assessment of ST households and villages. It is to be mentioned that a perspective plan needs village level (Gramsabha) meetings and meetings with concerned technical experts and department officers, which require a lot of time and fund. Hence, the present survey of 3-month duration at 3 blocks of two districts confined to a detailed data base of ST households, need assessment of the area and people along with an indicative plan matrix, which is expected to be quite useful support to the proposed Project Authority (PA, ITDA) for framing a long-term (3 years) and annual action plans in the parameters of PESA and BVKY before implementation of development programmes and welfare measures for the STs and their area.

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Base Line Survey of Jujomura Block of Sambalpur District and Formulation of Perspective Plan for Creation of New ITDA

Scheduled Castes & Scheduled Tribes Research and Training Institute (SCSTRTI), Bhubaneswar 2017
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Shri Trilochan Sahoo, Officer on Special Duty & Nodal Officer, SCSTRTI, Bhubaneswar

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Shri Kamraj Acharya, Junior Assistant, SCSTRTI, Bhubaneswar

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Block Development Officers, Jujomura Block
District Welfare Officer, Sambalpur Welfare Extension Officers of Jujomura Block
Block Education Officer, Jujomura Block
School Teachers of all GPs of Jujomura Block

For extending support in Field data entry
Data Entry Operators of all the Jujomura Block including district office
Data Entry Operators of SCSTRTI

For extending cooperation, sparing valuable time and providing data
Villagers of Jujomura Block and stakeholders including PRI Members
RESEARCH TEAM

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SCSTRTI, Bhubaneswar:

Nodal Officer:
Shri Trilochan Sahoo, Officer on Special Duty, SCSTRTI

Dr. Pramila Prava Patnaik: Consultant

Shri Ashok Kumar Panda: Research Associate

Associated Staff, SCSTRTI, Bhubaneswar:
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Shri S.C. Patnaik, Research Assistant
Shri H. Barad, Research Assistant
Shri Smruti Ranjan Patra, P.I
Ms. Seema Swain, P.I
The Tribal Sub-Plan as a concept, approach and strategy owes its origin to the Fifth Five Year Plan (1974-79) period. Tribal Sub-Plan (TSP) configuration has inherent strength to take care of tribal people. The TSP approach envisages integrated development of the Tribal areas; wherein all programmes irrespective of their sources of funding operate in unison to achieve the common goal of bringing the area at par with the rest of the State and to improve the quality of life of the Tribals. The original strategy was oriented towards taking-up family oriented income generating schemes in the sphere of agriculture, horticulture, animal husbandry, elimination of exploitation human resources development through education and training programmes and infrastructure development programmes. This tribal development strategy has been reoriented to cover the employment-cum-income generation activities here to. The strategies more or less continue with refinement over the years with greater emphasis on tribal development.

ITDAs as nodal Tribal Development Agency were set up during the 5th Five Year Plan. An ITDA is set up in a Block or group of blocks where the ST population is more than 50% of its total population. Based on the criteria, 119 Blocks of Odisha are now covered in 22 ITDAs. On the basis of 2011 census figure other block namely Jujomura of Sambalpur district showing more than 50% ST population to the total population of the said block of Sambalpur district has been proposed for setting up of an ITDA.

Keeping this in view a baseline survey was conducted in the above mentioned block. The study is empirical in nature. Data was collected from both primary and secondary sources. Primary data includes household survey through empirical method by administering Household Schedule, Focus Group Discussion (FGD) through village survey and Key Informant Interview (KII) with concerned Line Department officials. The baseline survey provides a data base which helped in preparing the feasibility report for creation of a new ITDA along with need based perspective plan matrix for the total development of the ST people and their area. This feasibility study is based on gap analysis and requirement mapping with regard to village infrastructure facilities and access of basic amenities to households and livelihood improvement of STs. The baseline survey justifies the need for declaration/formation of a new ITDA for the total development of its area and ST people.

It is expected that this report and its data base including the plan matrix will be useful to the Project Authority in preparation of long term plan with the technical supports from different line departments of Govt. of Odisha and following the guidelines of Vanabandhu Kalyan Yojajana and the parameters of the PESA Act, 1996.

Prof (Dr.) A.B. Ota, IAS
Commissioner-cum-Director
SCSTRTI, Bhubaneswar
## Acronyms & Abbreviations

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Description</th>
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<tbody>
<tr>
<td>APL</td>
<td>Above Poverty Line</td>
</tr>
<tr>
<td>AWCS</td>
<td>Anganwadi Centers</td>
</tr>
<tr>
<td>AWW</td>
<td>Anganwadi Worker</td>
</tr>
<tr>
<td>BDO</td>
<td>Block Development Officer</td>
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<tr>
<td>BEO</td>
<td>Block Education Officer</td>
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<tr>
<td>BPL</td>
<td>Below Poverty Line</td>
</tr>
<tr>
<td>CBOs</td>
<td>Community Based Organisations</td>
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<tr>
<td>CC</td>
<td>Concrete</td>
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<tr>
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<td>Chief District Medical Officer</td>
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<td>CHC</td>
<td>Community Health Centre</td>
</tr>
<tr>
<td>CT</td>
<td>Community Toilet</td>
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<tr>
<td>DDUGKY</td>
<td>Din Dayal Upadhya Gramin Kousala Yojana</td>
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<tr>
<td>DRDA</td>
<td>District Rural Development Agency</td>
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<tr>
<td>DSWO</td>
<td>District Social Welfare Officer</td>
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<tr>
<td>DTDP</td>
<td>Dispersed Tribal Development Programme</td>
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<tr>
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<td>District Welfare Officer</td>
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<tr>
<td>FGD</td>
<td>Focus Group Discussion</td>
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<td>FRA</td>
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<tr>
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<td>Infrastructure Development Schemes</td>
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<td>IEC</td>
<td>Information, Education and Communication</td>
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<tr>
<td>Abbreviation</td>
<td>Full Form</td>
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<tr>
<td>IFR</td>
<td>Individual Forest Rights</td>
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<td>Integrated Tribal Development Agencies</td>
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<td>Key Informant Interview</td>
</tr>
<tr>
<td>Kms</td>
<td>Kilometers</td>
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<tr>
<td>LAMPS</td>
<td>Large Area Multi-Purpose Society</td>
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<td>Modified Area Development Agency</td>
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<td>NGOs</td>
<td>Non-Government Organizations</td>
</tr>
<tr>
<td>NTFP</td>
<td>Non-Timber Forest Produce</td>
</tr>
<tr>
<td>OBC</td>
<td>Other Backward Class</td>
</tr>
<tr>
<td>OC</td>
<td>Other Castes</td>
</tr>
<tr>
<td>PACS</td>
<td>Primary Agriculture Cooperative Society</td>
</tr>
<tr>
<td>PD</td>
<td>Project Director</td>
</tr>
<tr>
<td>PDR</td>
<td>Population Doctor Ratio</td>
</tr>
<tr>
<td>PDS</td>
<td>Public Distribution System</td>
</tr>
<tr>
<td>PEO</td>
<td>Panchayat Executive Officer</td>
</tr>
<tr>
<td>PHC</td>
<td>Public Health Centre</td>
</tr>
<tr>
<td>PRI</td>
<td>Panchayati Raj Institutions</td>
</tr>
<tr>
<td>PTR</td>
<td>Pupil Teacher Ratio</td>
</tr>
<tr>
<td>PVTGs</td>
<td>Particularly Vulnerable Tribal Groups</td>
</tr>
</tbody>
</table>
PWS  Piped Water Supply
RoR  Record of Rights
RWSS  Rural Water Supply and Sanitation
S&ME  School and Mass Education
SBM  Swachha Bharat Mission
SC  Scheduled Caste
SCA  Special Central Assistance
SCSTRTI  Scheduled Castes and Scheduled Tribes Research and Training Institute
SHG  Self Help Group
Sq  Square
ST  Scheduled Tribe
T.D.C.C  Tribal Development Cooperative Corporation Ltd.
TAC  Tribes Advisory Council
TD  Tribal Development
TrIGrant  Training Grant-in-Aid
TSP  Tribal Sub-Plan
VAW  Village Agriculture Worker
VBKY  Vanbandhu KalayanYojana
WEOs  Welfare Extension Officers
List of Tables

Table 1.1 : Study Coverage of Jujomura Block of Sambalpur District
Table 2.1 : Administrative set up of Jujomura block of Sambalpur district
Table 2.2 : Gender wise Demographic profile of Jujomura Block
Table 2.3 : Caste wise Population structure in Jujomura Block
Table 2.4 : Literacy Status of Jujomura block and Sambalpur district
Table 2.5.1 : Occupational pattern in Jujomura block
Table 2.5.2 : Work Participation Rate
Table 2.6 : Land use Pattern in Jujomura Block of Sambalpur District (area in hectares)
Table 2.7 : Educational Institutions in Jujomura Block
Table 2.8 : Availability of Health Institutions
Table 2.9 : Existing Veterinary Institutions in the Jujomura Block
Table 2.10 : Existing Drinking water facilities in the Jujomura Block
Table 2.11 : Toilet facilities available in the Jujomura Block
Table 2.12 : Card Holders under Food Security Schemes
Table 2.13 : Card Holders under Social Security Schemes
Table 2.14 : Source-wise Net Irrigation Potential created in Jujomura block under
Table 3.1 : Religion of HHs of Jujomura block
Table 3.2.1 : Social category-wise HHs and Population covered in the Jujomura block
Table 3.2.2 : Single and Women Headed HHs
Table 3.3 : Distribution of population by Age Group
Table 3.4 : Literacy Status
Table 3.5 : Social category wise family type
Table 3.6 : Ownership of houses
Table 3.7 : Type of House
Table 3.8 : Sources of drinking water
Table 3.9 : Toilet facilities and use of toilets
Table 3.10 : Health Conditions of HH members
Table 3.11 : Electricity connection in HHs
Table 3.12 : Status of BPL category Households
Table 3.13 : Operational Land Holdings
Table 3.14 : Size of operational land holdings (Revenue land in acres)
Table 3.15 : Operational land holdings (Category of land holders)
Table 3.16 : Size of land holdings (Forest land in acres)
Table 3.17 : Status and Size of Irrigated land
Table 3.18 : Asset Position (Durables)
Table 3.19 : Livestock Assets
<table>
<thead>
<tr>
<th>Table</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.20</td>
<td>Income Pattern</td>
</tr>
<tr>
<td>3.21</td>
<td>Expenditure Pattern</td>
</tr>
<tr>
<td>3.22</td>
<td>Indebtedness</td>
</tr>
<tr>
<td>3.23</td>
<td>Sources of Borrowing</td>
</tr>
<tr>
<td>3.24</td>
<td>Entitlement Matrix (ST HHs)</td>
</tr>
<tr>
<td>4.1</td>
<td>Study coverage in Jujomura Block</td>
</tr>
<tr>
<td>4.2</td>
<td>Demographic Structure of Jujomura block</td>
</tr>
<tr>
<td>4.3</td>
<td>Availability &amp; Non-Availability status of Educational Institutions</td>
</tr>
<tr>
<td>4.4</td>
<td>Status of Pupil teacher ratio under S&amp;ME &amp; SCST Departments</td>
</tr>
<tr>
<td>4.5</td>
<td>Availability, Working, Not working and Requirement of drinking water sources</td>
</tr>
<tr>
<td>4.6</td>
<td>Availability, Working, Not-working and Requirement of toilets at different institutions</td>
</tr>
<tr>
<td>4.7</td>
<td>Availability and Requirement of Electrification connection/facility</td>
</tr>
<tr>
<td>4.8</td>
<td>Availability &amp; Non-availability status of Health Institutions</td>
</tr>
<tr>
<td>4.9</td>
<td>Availability &amp; Non-availability of Veterinary institutions</td>
</tr>
<tr>
<td>4.10</td>
<td>Availability of Cooperative Institutions</td>
</tr>
<tr>
<td>4.11</td>
<td>Availability of Agricultural Institutions</td>
</tr>
<tr>
<td>4.12</td>
<td>Availability of Horticulture Centres</td>
</tr>
<tr>
<td>4.13</td>
<td>Availability &amp; Non-availability of other Institutions</td>
</tr>
<tr>
<td>4.14</td>
<td>Road type to important centres</td>
</tr>
<tr>
<td>4.15</td>
<td>Accessibility to the institutions</td>
</tr>
<tr>
<td>4.16</td>
<td>Distance coverage to important centres (GP HQs)</td>
</tr>
<tr>
<td>4.17</td>
<td>Distance coverage to important centres (Block HQs)</td>
</tr>
<tr>
<td>4.18</td>
<td>Distance coverage to important centres (Nearest Market Centre)</td>
</tr>
<tr>
<td>4.19</td>
<td>Distance coverage to important centres (Cattle Market Area)</td>
</tr>
<tr>
<td>4.20</td>
<td>GP wise SHG members and amount savings</td>
</tr>
<tr>
<td>4.21</td>
<td>Status of IFR in Jujomura and Sambalpur</td>
</tr>
<tr>
<td>4.22</td>
<td>Status of CFR in Jujomura and Sambalpur</td>
</tr>
<tr>
<td>4.23</td>
<td>GP wise collections of NTFPs</td>
</tr>
<tr>
<td>4.24</td>
<td>Year-wise Allotment of SCA &amp; Expenditure amount with Beneficiaries</td>
</tr>
<tr>
<td>5.1</td>
<td>Gap and requirement mapping of Village infrastructure status in Jujomura Block (Village level)</td>
</tr>
<tr>
<td>5.2</td>
<td>Gap and requirement mapping of basic amenities of HHs in Jujomura Block (HH level)</td>
</tr>
<tr>
<td>5.3</td>
<td>Plan Matrix</td>
</tr>
<tr>
<td>5.4</td>
<td>Expected Members of Jujomura ITDA</td>
</tr>
<tr>
<td>5.5</td>
<td>Proposed ITDA Staff Jujomura, Sambalpur</td>
</tr>
<tr>
<td>5.6</td>
<td>Head wise Infrastructure Cost Estimation</td>
</tr>
</tbody>
</table>
List of Figures

Fig.3.1.1  : Social category-wise Population in Jujomura Block
Fig:3.1.2  : Single and Women Headed HHs
Fig.3.2   : Distribution of ST Population by Age Group
Fig.3.3.1 : Literacy Rate of ST population in Jujomura block
Fig.3.3.2 : Literacy Rate in Jujomura block
Fig.3.4.1 : Level of education of ST population in Jujomura block
Fig.3.4.2 : Social Category-wise level of education in Jujomura Block
Fig.3.5.1 : Type of Family Among ST HHs
Fig.3.5.2 : Social category-wise family type in Jujomura Block
Fig.3.6.1 : Ownership of ST houses
Fig.3.6.2 : Social Category-wise Ownership of house
Fig.3.7.1 : Type of ST Houses
Fig.3.7.2 : Social Category-wise Type of House in Jujomura Block
Fig.3.8.1 : Sources of drinking water of ST HHs in Jujomura block
Fig.3.8.2 : Social category-wise sources of drinking water in Jujomura Block
Fig.3.9.1 : HHs having Toilets among ST HHs
Fig.3.9.2 : Social category-wise Toilet facilities in Jujomura Block
Fig.3.10 : Health Conditions of ST HHs Members
Fig.3.11.1 : Electricity connection status of ST HHs
Fig.3.11.2 : Social Category-wise Electricity connection status of HHs in Jujomura block
Fig.3.12 : Social Category-wise BPL HHs status in Jujomura block
Fig.3.13 : Social category-wise land ownership status in Jujomura Block
Fig.3.14 : Avg. size of operational land holdings Revenue land (Homestead) in acres
Fig.3.15 : Avg. size of operational land holdings Revenue land (Agriculture) in acres
Fig.3.16 : Avg. size of operational land holdings Revenue land (Hort.) in acres
Fig.3.17.1 : Operational land holdings ST HHs
Fig.3.17.2 : Social Category-wise Operational land holdings in Jujomura Block
Fig.3.18 : Average Size of Homestead Land (Forest) holdings in Jujomura Block
Fig.3.19 : Average Size of Agriculture Land (Forest) holdings in Jujomura Block
Fig.3.20 : Average Size of Horticulture Land (Forest) holdings in Jujomura Block
Fig.3.21 : Irrigated land of ST land holders
Fig.3.22 : Livestock Asset of ST Households
Fig.3.23.1 : Income Pattern of ST HHs
Fig.3.23.2 : Income Pattern in Jujomura Block
Fig.3.24.1 : Expenditure pattern of ST HHs
Fig.3.24.2 : Social Category-wise HHs expenditure pattern in Jujomura block
Fig.3.25 : Social Category-wise Indebtedness Status of Jujomura Block
Fig.3.26.1 : Source of Borrowing of ST HHs
Fig.3.26.2 : Social Category-wise Source of Borrowing in Jujomura Block
Executive Summary

The general plan schemes and programmes designed for the overall development of the economy hardly improved the socio-economic status of STs. The benefit of such general welfare schemes did not percolate down towards the development of ST population of the country in any significant manner. Thus the Tribal Sub-Plan (TSP) Approach was initiated during Fifth Five Year Plan for socio-economic amelioration of the tribal communities. Through special tribal development agencies (ITDP/ITDA) the ST development effort was revamped and invigorated in order to fulfill the constitutional mandates of ensuring better quality of life of the schedule tribes. An ITDA is set up in a block or group of blocks where the ST population is more than 50% of its total population. The Tribal Sub-Plan (TSP) of Odisha now consists of 119 Blocks including Tilebani block of Deogarh District which has been declared as TSP block by Government of India recently in 2015. As per 2011 census figure other blocks, such as Jujumura Block in Sambalpur district and Kûrimira and Laikerâ Blocks of Jharsuguda district have also been identified based on the criteria (more than 50% ST population) for setting up two new ITDAs.

Rationale for conducting Baseline Study:

As per 2011 census, the ST population in Jujumura Block is 42052 (50.06% of its total population) which deserves to be declared as ITDA as per the TSP norm. Only STs inhabiting area in part block receive benefits through MADA scheme. But the ST people residing in the remaining parts of the Block are deprived of the benefit of TSP Approach. Thus the SCSTRTI, Odisha has undertaken a baseline survey on the above said block to justify the need for declaration/formation of new ITDA for the overall development of the ST population and preparation of Action Plan.

Objectives of the Study:

The broad objective of the study is to justify the need for setting up of a new ITDA for Jujumura block of Sambalpur district comparing tribal socio-economic conditions with that of non-tribal by undertaking Baseline Survey in the said block and to prepare a plan matrix for developing perspective plan for the ST people and their area in newly created ITDA.

Universe & Sample:

The study covered all villages (both revenue and hamlet) of Jujumura block of Sambalpur district. Hundred Percent tribal HHs of the said block was covered through collection of door to door HH data. One sample HH from each category from each village was drawn randomly for a comparative analysis. Under this baseline study, all total 10433 HHs covering 10053 tribal HHs, 154 SC HHs, 161 OBC HHs and 65 General Category of HHs from 210 villages of 18 GPs of Jujumura Block were surveyed for the purpose.
Methodology:
The study is empirical in nature. Data was collected from both primary and secondary sources. Primary data includes (i) household survey through empirical method administering Household Schedule, (ii) Focus Group Discussion (FGD) through village survey and (iii) Key Informant Interview (KII) with concerned Line Department officials. The secondary sources of data were collected from published and unpublished documents of Government Departments such as Census Report, District Statistical Hand Book, Economic Survey, Directorate of Economics and Statistics, website, etc. Data compilation was done through Micro-Excel format. Statistical tool like average and percentage have been used for the purpose.

Organization of report:
The report comprises of six chapters inclusive of executive summary. First chapter is Introduction covering study objectives, rationale, methodology and limitations. Second chapter focuses on “profile” of study area giving a picture on demographic profile of area and people. Socio-Economic Profile of villages and access to basic amenities including need assessment are reflected in third chapter. Fourth chapter discusses entirely on existing resources and infrastructure facilities. Fifth chapter identifies gaps and requirements therein and also provide a Plan matrix for the prospective ITDA. Sixth chapter is a resume of the previous discussions with suggestive recommendations.

Limitations:
Due to time and fund constraint, survey of other than STs could not be covered totally. Only one sample HH from each of the SC and others was taken in the study for comparative analysis. Following the Operational Guidelines of Vanbandhu KalayanYojana (VBKY), Ministry of Tribal Affairs, GOI and parameters of PESA Act, 1996 the base line survey report provides an indicative plan matrix based on real need based assessment of ST households and villages, which would be quite useful support to the proposed Project Authority (PA, ITDA) for framing a long-term (3 years) and annual action plans.

Key findings:

- As per 2011 census, the ST population of the proposed ITDA (Jujomura Block) area was 50.06% of its total population) which deserve to be declared as an ITDA as per the TSP norm.

The baseline survey undertaken by SCSTRTI during 2016-17 revealed that;

- The survey covered all total 10433 HHs including 10053 tribal HHs, 154 SC HHs, 161 OBC HHs and 65 General Category of HHs of 210 villages of 18 GPs in Jujomura Block of Sambalpur district.
- There are as many as 10433 ST households and 44860 ST population in Jujomura Block.
• The survey reveals a positive ST population growth of 4.4 % in the Block area over a period of half-a-decade (2011-2016).
• The proposed ITDA will cater to the development needs of as many as 10,053 tribal HHs and population covering 210 villages of 18 GPs.
• Income level of tribal HHs is very low i.e more than 68% earn below Rs.40000/- per annum.
• More than 50% tribal HHs incur expenses upto Rs.30000/- only per annum. Average annual expenditure of ST HHs is revealed as Rs.36541/- which is less than the poverty line (Rs.58320/-) indicated by Rangarajan Committee. This implies that the economic condition of ST HHs in Jujomura block is poor (Below Poverty Line (BPL)).
• Road connectivity to important centres is not good. For instance, 63(30%) villages have very poor condition of roads to access GP HQ, 65(30.95%) to Block HQ, 74(35.24%) villages face difficulties to go to nearest market place. The situation becomes worse during rainy season.
• As many as 78 (37.15%) villages mostly cut off and/or hilly area, lack connectivity to GP and Block Hqs. and market centres. Road connectivity is one of the indicators of development. The study shows that the tribal villages of Jujomura Block are not developed. It needs further development.
• The living condition of tribals is worse. As many as 9183(93%) HHs live in worse housing conditions. Only 693(7 %) have pucca houses live in descent life.
• Only 302(3%) HHs use cooking gas. This indicates that a total of 9751 ST hhs living in kutch and semi-pucca houses without using cooking gas which creates bad and polluted environment and leads to health hazards.
• A total of 17944 (40.00%) ST people are suffering from regular ailing and/or chronic diseases.
• As many as 1847 (18.37%) ST HHs have no access to safe drinking water.
• A total of 7493(74.53%) ST HHs have no toilets. Awareness is lacking among tribals for using toilets. As many as 2335 (91.21%) HHs are not using toilets even they have toilets in their house premises.
• A total of 4767 (47.42%) ST HHs lack electricity connection to their houses.
• All total 1529 (15%) ST HHs are land less. They have neither recorded land nor encroachment land.
• As many as 7469 (87.60%) ST landholders come under marginal farmers and only 0.16% belongs to large farmer’s category.
• All total 2545(57.91%) HHs have non-irrigated land. Hence productivity is low.
• While comparing the said block figure with that of the district figure in respect of indicators like percentage of tribal population, literacy rate, Pupil Teacher Ratio (PTR) occupational structure etc, the position of the former is worse.
• Most of the villages, 206 (98%), have no basic infrastructure like street light facilities.
• Natural and human resources are not fully and properly utilized.
• SHGs are not strengthened. Only 757 SHGs have been constituted covering 210 villages. They have not received any training relating to income generating activities. Income generating activities have not been taken up seriously and productively.
• Tribals are unaware of their rights and entitlements. No training has been provided relating to their rights and entitlements. Hence, benefits of government schemes are not reaching to them.

Taking all the indicators into consideration, the present study reveals that Jujomura block is backward in all respects. There is need for all round development of the block area and ST population by setting up of an ITDA. It is felt to be a deserving case for creation of a new ITDA taking Jujomura block to cover tribal development interventions for the entire ST population of the block.

As per 2011 census scheduled tribe population in Jujomura block is 50.6% of its total population. It is fulfilling the population criteria for setting up of an ITDA. Basic information of the Juomura Block area and its people present a picture of its backwardness both socially and economically, with highest number of problematic villages, numerical majority of the STs and high incidence of poverty among the STs.

The baseline survey justifies the need for declaration/formation of a new ITDA for the total development of its area and ST people. The study suggests that the Headquarters of the proposed ITDA may be located at Jujomura.

The proposed ITDA will cater to the development needs of as many as 44860 ST populations of 10053 households from 210 villages in 18 GPs of Jujomura block in Sambalpur district of Odisha. For development interventions, it will give top priority to address the difficulties of the problem villages and 6782 (67.46 %) ST BPL families.

The ambitious plan matrix suggests creation of potential irrigation for 7250.91 acre of land of 2545 ST HHs and integrated agriculture for livelihood promotion of the 6782 (67.46 %) ST BPL families and ensure connectivity to 78 inaccessible/problem village through construction of CC Road to link them with the headquarters of Blocks and GPs and Market centres. Besides, the plan looks in to the matters of creating elementary educational infrastructure for spread of elementary education for 7 villages, health & nutrition infrastructure for 13 villages, power supply to fully and provisions of street lights for 206 villages and also extend provision of safe drinking water to 19 villages. Secondary and higher education with skill improvement of tribal youths and opening of employment avenues through vocational education and training are the additionality of the plan.

The total project cost estimate for implementation of different schemes and programmes in the proposed Jujomura ITDA area for development of ST people and their area as per the Plan
Matrix will amount to Rs. 462 crore 02 lakh approximately. Out of the total cost estimate, Rs. 424 crore 26 lakh, 37 crore 45 lakh and Rs. 30 lakh may be spent for creation of infrastructure development programmes, Income Generating Schemes and Information and Education and Communication programmes, respectively.

For smooth functioning of the proposed new ITDA and its planning and monitoring programme, the report suggests creation of an Apex Body namely, Project Level Committee (PLC)/Governing Body (GB) headed by the Collector and District Magistrate, Sambalpur and taking members from People’s Representatives and District Level Line Department Officers.

Further, an ITDA Office headed by a Project Administrator (P.A.) of OAS/OWS (I) and assisted by a Special Officer of OWS (II) with supporting staff will be established by Govt. of Odisha which will work under the immediate control and supervision of the Collector and District Magistrate mostly for maintenance of accounts, maintaining coordination and liaison between various agencies for implementation of different programme.

The data base of this report is expected to be useful to the Project Authority while preparing a long term plan in consultation of the Gramsabhas of the project villages and with the technical supports of different line departments Govt. of Odisha and respecting the parameters of the PESA Act, 1996 as well as the guidelines of Vanabandhu Kalyan Yojana.

------------------
Contents

Acknowledgements
Research Team
Foreword
Acronyms & Abbreviations
List of Tables
List of Figures
Executive Summary

Chapter - I  Introduction
Background - Rationale for conducting baseline study - Objectives of the study
- Broad objective - Universe &Sample - Methodology - Primary Sources (Household
survey, Focus Group Discussion (FGD)/Village schedule, Key Informal Interviews
(KII)) - Secondary Sources (Study Approach and Strategy - Statistical tools -
Organization of report – Limitations

Chapter-II  Profile of the Jujomura Block
Background - Demographic Profile – Sub-Caste {Gond, Bhuinya, Munda, Oraon,
Kharia} - Caste wise Population structure - Literacy Status - Occupational Pattern -
Land Use Pattern - Education Institutions - Health Institutions - Water and Sanitation
Facilities - Major/Medium/Minor Irrigation Projects (area in hectares) - Conclusions

Chapter-III  Socio-Economic Profile of Households of Jujomura Block
Demographic Profile: {Social dispensation - HH and Population structure - Age
composition - Literacy Status} - Living Conditions: {Ownership of houses - Housing} -
Access to Basic Amenities: {Drinking Water - Toilet facilities - Health Status -
Electricity Facilities} - Economic Status of Households: {BPL category - Land
Holding Pattern - Operational land holdings - Size of Land Holdings - Revenue land
status - Forest land status - Status of Irrigated land} - Asset Status-Movable and
Immovables: {Possession of HH durables and livestock} - Fiscal Status:{Income
Pattern - Expenditure Pattern - Indebtedness - Sources of borrowings} - Household
Entitlements - Key Findings (HH Status)

Chapter - IV  Existing Resources & Infrastructure Facilities: A Situational Analysis
Background of the villages - Demographic Profile of Jujomura Block - Basic
Amenities: {Education Facilities - Status of Student teacher ratio - Drinking water
facilities - sources - Sanitation Facilities - Electricity Facilities - Health Facilities -
Veterinary Service Facilities - Availability of Cooperative Institutions - Availability
of Agriculture Institutions - Availability of other Institutions} - Connectivity to
important centers: {Access to important centres - Distance coverage} - Existence of
SHGs - Forest Area and Tribal Rights - NTFP and tribal livelihood - Past
Developmental Activities - Key Findings (Village Status)
Chapter-V  Resource Gap Analysis & Perspective Plan for Creation of ITDA

Resource Gap Analysis - Plan Matrix

Chapter-VI  Conclusions - Justifications and Recommendations

Justifications for setting up new ITDA

References

List of Annexure

Annexure-1  List of ITDAs in Odisha
Annexure-2  GP wise list of Villages and Hamles
Annexure-3  Household survey Schedule
Annexure-4  Village survey Schedule
Annexure-5  Scheduled Tribe Communities in the district
Annexure-6  Convergence of schemes for the development of STs
Annexure-7  Plan Estimate
Annexure-8  Block Map

101
103
109
113
122
128
132
136
Chapter - I
INTRODUCTION

Odisha occupies a unique position among the Indian States and Union Territories for having a rich and colourful tribal scenario. Majority of Scheduled Tribes live in hilly and forest regions. Their economy is largely subsistence oriented, non-stratified and non-specialized. Their social system is simple and aspirations and needs are limited. According to 2011 Census, the tribal population of the State is 95, 90, 756 constituting 22.85% of the total population of the State and 9.66% of the total tribal population of the country. There are 62 different tribal communities including 13 Particularly Vulnerable Tribal Groups (PVTGs) in the State. Odisha has the third largest concentration of tribal population in the country. About 44.70% of the State’s geographical area which is known as Scheduled Area extends over 119 out of 314 Blocks in 12 districts and a portion of Suruda Tahsil of Ganjam Districts. The Scheduled Tribe population of Scheduled Area accounts for about 68.09% of total tribal population of the State. The remaining tribal population inhabits in MADA/Cluster pockets and is dispersed in other area covered under the Dispersed Tribal Development Programme (DTDP).

Background
Tribal development involves development of tribal groups in different stages of development in different regions. The Tribal Development Approach (TDA) has undergone several changes in successive plan periods according to the need and priority of development. For example, during the Second Plan period, area development approach for tribal development was introduced where the identification of blocks of tribal concentration was more. But the diversity and magnitude of tribal problem could not be integrated with realistic development programmes and the concept of tribal development blocks was evolved. This resulted in identification of 75 Tribal Development (TD) blocks in the state and concerted efforts in spheres of health, education, irrigation and drinking water facilities were made. This approach continued till the end of 4th Plan. The implementation of different Programmes in these blocks helped in the development of the areas in general and the tribals in particular. The Tribal Sub-Plan strategy has been adopted since the beginning of the Fifth Five Year Plan (1974-75), which continues to shape the core strategy for tribal development.

This strategy is based on area development approach with adequate emphasis on family oriented income generating activities taking a comprehensive view of tribal problems with the objective to narrow down the gap of socio-economic development between Tribals and others, within the framework of Nation’s Five Year Plans. The Tribal Sub-Plan (TSP) approach envisages integrated development of the Tribal areas, where in all programmes irrespective of their sources of funding operate in unison to achieve the common goal of bringing the area at par with the rest of the State and to improve the quality of life of the Tribals. The original strategy was oriented towards taking-up family oriented income generating schemes in the sphere of agriculture, horticulture, animal husbandry, elimination
of exploitation, human resources development through education and training programmes and infrastructure development programmes. This tribal development strategy has been reoriented to cover the employment-cum-income generation activities here to. The strategies more or less continue with refinement over the years with greater emphasis on tribal development. The Tribal Sub-Plan consists of 119 Blocks including Tileibani block of Deogarh District which has been declared as TSP block by Govt. of India during 2015.

ITDAs as nodal Tribal Development Agency were set up during the 5th Five year plan. An ITDA is set up in a Block or group of blocks where the ST population is more than 50% of its total population. Based on the criteria, 119 Blocks of Odisha covered 22 ITDA namely, Koraput, Jeypore, Malkanagiri, Nowrangpur, Rayagada, Gunupur, Thuamul Rampur, Baripada, Kaptipada, Karanjia, Rairangpur, Sundergarh, Bonia, Panposh, Keonjhar, Champua, Kuchinda, Nilagiri, Parlakhemundi, Balliguda, Phulbani and Tileibani. Other blocks namely Jujomura Block in Sambalpur district and Kirimira and Laikera Block of Jharsuguda district have also been identified based on the criteria (more than 50% ST population) for setting up ITDAs (Refer Annexure-I).

**Rationale for conducting Baseline Study**
As per 2011 census, the ST population in Jujomura Block is 42052 (50.06% of its total population) which deserves to be declared as ITDA as per the TSP norm. The number of villages in the block is 124. Only STs inhabiting in a portion of the block are enjoying the benefit of implementation of MADA scheme in the area. But the ST people residing in other parts of the areas are deprived of the benefit of TSP.

Therefore, there is a need of conducting Baseline Survey at villages in the said Block of Sambalpur district for preparation of a feasibility report to justify the need for declaration/formation of a new ITDA and suggest a plan of action for the total development of the ST population. Keeping this in view, SCSTRTI, Odisha has undertaken a baseline survey in the villages of the above said block in Sambalpur district.

**Objectives of the study**

**Broad objective**
To justify the need for setting up of a new ITDA for Jujomura block of Sambalpur district comparing tribal socio-economic conditions with that of non-tribal by undertaking Baseline Survey in the said block.

- The study has been undertaken with the following objectives:
- To find demographic profile of people of the study area
- To assess socio-economic status of people of the area including their housing conditions/ownership status, land holding pattern and Fiscal status.
- To examine access to basic infrastructure facilities available at each HH and village level.
To estimate possession of material, livestock and farming assets of HHs.
To locate productive resource base including human resources available in the area.
To identify gaps of villages/villagers in respect of infrastructure/basic amenities/livelihood and income generation.
To prepare requirement mapping of villages
To justify the need for creating ITDA in the said block.
To prepare a plan matrix for developing perspective plan for the prospective ITDA.

**Universe & Sample**
The study covered all 210 villages (both revenue villages and hamlets) of Jujomura block of Sambalpur district. Since the present study was undertaken for the purpose of giving benefits (under ITDA) to the deprived tribal HHs, 100% tribal households of the block was covered. In order to justify that tribal HHs are more backward in all respects than the other castes, one sample HH from each category from each village was drawn randomly for a comparative analysis. Under this baseline survey, door to door HH data was collected all total 10433HHs covering 10053 tribal HHs, 154 SC HHs, 161 OBC HHs and 65 General Category of HHs of 210 villages of 18 GPs of Jujomura were covered for the purpose. GP wise list of villages and hamlets is given in Annexure - 2.

**Table 1.1: Study Coverage of Jujomura Block of Sambalpur District**

<table>
<thead>
<tr>
<th>No. of GPs</th>
<th>No. of Villages</th>
<th>No. of Hamlets</th>
<th>Villages + Hamlets</th>
<th>Total HHs</th>
<th>Population</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ST  SC    OC Total</td>
<td>ST  SC  OC Total</td>
</tr>
<tr>
<td>18</td>
<td>124</td>
<td>86</td>
<td>210</td>
<td>10053 154 226 10433</td>
<td>37518 575 829 38922</td>
</tr>
</tbody>
</table>

**Methodology**
The study is empirical in nature. Data was collected from both primary and secondary sources. Primary data includes household survey through door to door approach, Focus Group Discussion (FGD) through village survey and Key Informant Interview (KII) with concerned Line Department Officials.

**Primary Sources:**

*Household survey*
Pre-tested structured schedules were designed to secure information on demographic, socio-economic status, and access to basic services and need for their sustained livelihood including their basic need /entitlement. Tools were finalized after field testing done in one of the villages of Niladriprasad GP of Banapur block. Prior to administer the final schedules, tools were shared among the research staff and Director of SCSTRTI for their feedback and inputs.

All tribal HHs of select blocks were covered for personal interview. Besides, one from each category like SC, OBC and general category (whoever available) was covered for comparative analysis. *(See HH schedule in Annexure- 3)*
Focus Group Discussion (FGD)/Village schedule
Focus Group Discussions (FGDs) were organized in all the villages including hamlets (by using village survey tool). In each village, 10-20 members comprising of male members/female members particularly the key persons of the village like Ward member, ASHA, AWW, SHG members, youth group, teachers and elder persons were part of the discussion. A structured village survey schedule was designed containing the enquiries like demographic status of the village, access to infrastructure and basic amenities including existence of health and education institutions, important centres, natural and human resources, existing irrigation sources and potential irrigation sources, exploring opportunities for livelihood. Gap analysis and mapping of requirements have been designed from the emerged information collected from the village study. (See Village schedule in Annexure- 4)

Key Informal Interviews (KII):
A semi-structured framework was prepared for interaction with stakeholders like concerned Government officials including District Collector, PD, DRDA, Block Development Officer, Tahasildar, Deputy Director Agriculture, WEOs, PEO and DWO, DSWO, CDMO, Block Education Officer, NGOs/CBOs and cross-sections of the society with regard to the existing and potential resources for sustained livelihood of tribals and locate priority needs of local people in respect of their sustained livelihood and village development.

Secondary Source
The secondary sources of data was collected from published and unpublished documents of Government Departments such as Census report, Statistical Abstract of Odisha, SCSTRTI, District Statistical Hand Book, Agricultural Census, Economic Survey, Directorate of Economics and Statistics, information from different line Departments like Panchayati Raj, Planning (Deputy Director), revenue, welfare, irrigation, agriculture and horticulture etc. Besides this, secondary data was also collected from information sheets from different departments, books and from website sources.

Study Approach and Strategy
Prior to start of preparing research design and tools (quantitative and qualitative), an inception meeting was organized with concerned DWOs. Consultant and Nodal officer for the study, research staff including Asst. Director (Research) were part of the meeting. The meeting was held under the chairmanship of Commissioner-cum-Director on 15th September 2016. It was decided that all field data would be collected by the respective village and GP level teachers. All total 70 teachers for HH data collection and 18 teachers for village data collection and supervision were engaged under the present baseline study. Sample design and questionnaire including structured and unstructured schedules were prepared keeping the objectives in view and shared among the research staff and Director for securing necessary feedback. Prior to administering the final schedules, field testing was done in one of the villages of Niladriprasad GP of Banapur block of Khurda district. All interviewers including field supervisors were provided 2 day training (including field practice) on HH schedule,
technique of data collection (both qualitative and quantitative). Each group of enumerators worked under their respective field supervisors. Overall monitoring of data collection was done by the Consultant, Research Associate and Research Assistants. For technical advice, the Nodal officer was consulted from time to time. After cleaning and entry of data, field data was compiled and analysed under the guidance of the Consultant. Draft report was shared among research personnel and concerned district and block officials and Director, SCSTRTI prior to finalization of the report.

**Statistical tools:**
- Data compilation was done through Micro-Excel format.
- No sophisticated statistical tool was adopted for the study.
- Only statistical average and percentages has been used for the purpose.

**Organization of report**
The study report comprises of six chapters inclusive of executive summary. First chapter is Introduction covering study objectives, rationale, sample and methodology, study approach and strategy and limitations of the study. Second chapter focuses on profile of study area giving a picture on demographic profile of the block and district, occupational pattern and land utilization pattern etc. Socio-Economic Profile of villages is reflected in third chapter analyzing personal household status, income and expenditure pattern, land holding and occupational status and access to basic amenities including need assessment. Fourth chapter discusses entirely on existing resources and infrastructure facilities reflecting gap analysis and mapping of needs and requirements of the area and people and their community. Fifth chapter provides a Plan matrix indicating ‘Perspective Plan’ for the prospective ITDA. Besides, a resume of the previous discussions and suggestive recommendations are in addition which is reflected in Sixth chapter.

**Limitations:**
The study has following limitations:
- Due to time and fund constraint, survey of other than STs could not be covered totally. Only one sample HH from each of the SC and others was taken in the study for comparative analysis. The study would have given better results (comparative analysis) if all the HHs of other castes and communities could have been covered under the study. The comparison is not scientific because ST sample size is taken 100% (universe) whereas a small sample size of other social category is drawn.
- As per the Operational Guidelines for Implementation and Monitoring of Vanbandhu KalayanYojana (VBKY), Ministry of Tribal Affairs, GOI, Action plans/ Perspective Plans with outcome and monitorable targets for tribal development will be prepared after baseline assessment at the village level with involvement of experts from the local community, the block level officers, representatives of Panchayats and Gram Sabhas. Further in the parameters of PESA Act, 1996 4. (e) every Gram Sabha shall- i. approve of the plans, programmes and projects for social and economic development before such plans, programmes and projects are taken up for implementation by the Panchayat at the
village level; ii. be responsible for the identification or selection of persons as beneficiaries under the poverty alleviation and other programmes;

- Owing to paucity of time and fund and keeping the aforementioned two legal and administrative prescriptions in view, instead of preparing a perspective plan, the base line survey report provides an indicative plan matrix based on real need based assessment of ST households and villages. It is to be mentioned that a perspective plan needs village level (Gramsabha) meetings and meetings with concerned technical experts and department officers, which require a lot of time and fund. Hence, the present survey of 3-month duration at 3 blocks of two districts confined to a detailed data base of ST households, need assessment of the area and people along with an indicative plan matrix, which is expected to be quite useful support to the proposed Project Authority (PA, ITDA) for framing a long-term (3 years) and annual action plans in the parameters of PESA and BVKY before implementation of development programmes and welfare measures for the STs and their area.