

## 1.1 Agriculture Production System

STRENGTHS	OPPORTUNITIES
<ul style="list-style-type: none"> <li>➤ Suitable climate condition and good arable land for vegetation</li> <li>➤ Well communication facility to the near by villages</li> <li>➤ Different schemes operated through agriculture dept.</li> <li>➤ Farmers are educated and interested for scientific practices</li> </ul>	<ul style="list-style-type: none"> <li>➤ Scope for qualitative hybrid seed production</li> <li>➤ Scope for mushroom production</li> <li>➤ Scope for irrigation facility by using natural nals</li> <li>➤ Scope for agorbased industry ( coir based)</li> <li>➤ Scope for integrated farming system</li> </ul>
WEAKNESSES	CHALLENGES
<ul style="list-style-type: none"> <li>➤ Unavailability of required critical input on time.</li> <li>➤ Lack of infrastructure and storage facility</li> <li>➤ Insufficient of staffing pattern</li> <li>➤ Lack of farm mechanization</li> </ul>	<ul style="list-style-type: none"> <li>➤ Natural calamities like flood.</li> <li>➤ Indiscriminate use of fertilizer &amp; pesticides</li> <li>➤ Stray bull</li> <li>➤ Frequent electric failure</li> <li>➤ Unavailability of labour in agricultural activity</li> </ul>

## 1.2 Horticulture Production System

STRENGTHS	OPPORTUNITIES
<ul style="list-style-type: none"> <li>➤ Favourable climate for all type of vegetable crops</li> <li>➤ Availability of marketing facility</li> <li>➤ Availability of well communication &amp; transportation facilities</li> <li>➤ Involvement of women in farming</li> <li>➤ Availability of govt. schemes</li> <li>➤ Technology transfer through mobile messaging</li> </ul>	<ul style="list-style-type: none"> <li>➤ Scope for production of High value crops of vegetable, fruits &amp; floriculture</li> <li>➤ Scope for mushroom production</li> <li>➤ Scope for high tech horticulture</li> <li>➤ Better scope for easy marketing of the produce to neighbouring districts</li> <li>➤ Scope of intercropping in mango orchard</li> </ul>

<b>WEAKNESSES</b>	<b>CHALLENGES</b>
<ul style="list-style-type: none"> <li>➤ Lack of post harvest management like grading, packaging &amp; value addition</li> <li>➤ Unavailability of horticultural processing industry</li> <li>➤ Lack of insurance facility for the horticultural crops especially for vegetable</li> <li>➤ Lack of irrigation facility</li> <li>➤ Non availability of quality seed in timely</li> <li>➤ Certification &amp; branding not possible</li> <li>➤ Lack of technical knowhow regarding horticultural crops</li> </ul>	<ul style="list-style-type: none"> <li>➤ Natural calamities like flood</li> <li>➤ Lack of market intelligence</li> <li>➤ Interpretation of middle man</li> <li>➤ Unavailability of labour</li> <li>➤ Distress sale</li> <li>➤ Menace of stray cattle</li> </ul>

### 1.3 Animal Production System:

<b>STRENGTHS</b>	<b>OPPORTUNITIES</b>
<ul style="list-style-type: none"> <li>➤ Climatic adaptability of improved breed of cattle &amp; poultry</li> <li>➤ Availability of local food material</li> <li>➤ Existence of milk route channel</li> <li>➤ Higher women participation in dairy &amp; poultry.</li> <li>➤ High literacy rate</li> </ul>	<ul style="list-style-type: none"> <li>➤ Scope for expansion of area under green &amp; fodder cultivation &amp; processing</li> <li>➤ Scope for establishment of milk processing</li> <li>➤ Scope for establishment of chilling plant</li> <li>➤ Scope for expansion of milk routs</li> <li>➤ Scope for strengthening L.T centres</li> <li>➤ Scope for disease diagnosis centre</li> </ul>
<b>WEAKNESSES</b>	<b>CHALLENGES</b>

<ul style="list-style-type: none"> <li>➤ Unorganized market</li> <li>➤ Improper storage facility</li> <li>➤ Lack of diary processing unit</li> <li>➤ Inadequate availability of green fodders</li> <li>➤ Unavailability proper awareness about the health management</li> </ul>	<ul style="list-style-type: none"> <li>➤ Lack of awareness on disease management</li> <li>➤ monopoly of milk company</li> <li>➤ Hindrance in financing</li> <li>➤ lack of provision of cattle shed</li> <li>➤ non permitting the beneficiaries to purchase the milk animal from their own choice</li> </ul>
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#### 1.4 Fish Production System:

➤ STRENGTHS	➤ OPPORTUNITIES
<ul style="list-style-type: none"> <li>➤ Farmers are very much eager for fish production.</li> <li>➤ more market demand</li> <li>➤ availability of local market</li> <li>➤ well communication facility</li> <li>➤ Availability of water resources for fish production</li> </ul>	<ul style="list-style-type: none"> <li>➤ scope for value addition</li> <li>➤ scope for fish hatchery</li> <li>➤ scope for processing unit</li> <li>➤ scope for fingerlings production</li> <li>➤ scope for pond based integrated farming system</li> </ul>
➤ WEAKNESSES	➤ CHALLENGES
<ul style="list-style-type: none"> <li>➤ Financial burden for taking up pisciculture activities</li> <li>➤ time taking in finance processing</li> <li>➤ Lack of aquashop</li> <li>➤ Non availability fingerlings &amp; medicine</li> <li>➤ Lack of storage facility</li> <li>➤ Lack of subsidy based implements like pump, aerator, net, testing kit.</li> <li>➤ Lack of official staff in ground level</li> </ul>	<ul style="list-style-type: none"> <li>➤ Lack of financial subsidy on fry &amp; fingerlings &amp; fish feed</li> <li>➤ Renovation of old pond for fish farming</li> <li>➤ Lack of timely supply of fry</li> <li>➤ Provision of borewell for mitigating the crises period</li> <li>➤ Creation of awareness regarding health care</li> <li>➤ Shortage of cold chain facility &amp; ice factory</li> <li>➤ Lack of availability of technology</li> </ul>

### 1.5 Natural Resource System:

➤ STRENGTHS	➤ OPPORTUNITIES
<ul style="list-style-type: none"><li>➤ Availability of favourable climatic condition</li><li>➤ Availability of well drained rich humus soil</li><li>➤ Proportionately more forest area</li><li>➤ Rich in biodiversity</li></ul>	<ul style="list-style-type: none"><li>➤ Scope for agroforestry</li><li>➤ Scope for ground water recharge</li><li>➤ Conservation of biodiversity</li><li>➤ Scope for composting unit</li></ul>
➤ WEAKNESSES	➤ CHALLENGES
<ul style="list-style-type: none"><li>➤ Poor management of irrigation water</li><li>➤ Loss of vegetation due to deforestation</li><li>➤ Degradation of soil due to erosion</li><li>➤ Loss of biodiversity due to monocultivation</li><li>➤ Lack of awareness in farming practices especially tillage practices</li></ul>	<ul style="list-style-type: none"><li>➤ Natural calamities like flood</li><li>➤ Resistance resurgence &amp; residual toxicity by indiscriminate use of plant protection chemicals</li></ul>

## 2 AES -II Red Soil High Rainfall Medium Elevation

### 2.1 Agriculture Production System:

➤ STRENGTHS	➤ OPPORTUNITIES
<ul style="list-style-type: none"><li>➤ Favorable climate and suitable soil type for crop production</li><li>➤ Medium elevation, high rainfall</li><li>➤ Approachable road communication</li><li>➤ Availability of sufficient pasture land</li><li>➤ Different government schemes operated through agriculture department.</li></ul>	<ul style="list-style-type: none"><li>➤ Scope for integrated farming system</li><li>➤ Scope for producer company, farmers bazaar, farmers federation</li><li>➤ Scope for increasing irrigation potential by using natural water bodies</li><li>➤ Scope for seed production programme</li></ul>

	<ul style="list-style-type: none"> <li>➤ Scope for establishment of solarised irrigation system</li> <li>➤ Scope for mushroom cultivation</li> </ul>
<b>➤ WEAKNESSES</b>	<b>➤ CHALLENGES</b>
<ul style="list-style-type: none"> <li>➤ Non availability of agroprocessing unit.</li> <li>➤ Small land holding</li> <li>➤ Insufficient staffing pattern</li> <li>➤ Lack of organized marketing system</li> <li>➤ Non availability of input in time</li> <li>➤ Lack of storage facility</li> <li>➤ Lack of farm mechanization</li> </ul>	<ul style="list-style-type: none"> <li>➤ Frequent Natural calamities like drought.</li> <li>➤ Indiscriminate use of fertilizer &amp; pesticides</li> <li>➤ Stray bull</li> <li>➤ Frequent electric failure</li> <li>➤</li> </ul>

## 2.2 Horticulture Production System:

<b>➤ STRENGTHS</b>	<b>➤ OPPORTUNITIES</b>
<ul style="list-style-type: none"> <li>➤ Favourable climate for all horticultural crops</li> <li>➤ Suitable climate for offseason vegetable production</li> <li>➤ Availability of local market</li> <li>➤ Approachable road communication.</li> <li>➤ Higher Involvement of women in farming</li> </ul>	<ul style="list-style-type: none"> <li>➤ Scope for floriculture</li> <li>➤ Scope for hi -tech horticulture</li> <li>➤ Scope for honey bee production</li> <li>➤ Scope for medicinal, aromatic and plantation crop cultivation with their processing.</li> <li>➤ Scope for vegetable processing unit</li> </ul>
<b>➤ WEAKNESSES</b>	<b>➤ CHALLENGES</b>

<ul style="list-style-type: none"> <li>➤ Lack of irrigation facility</li> <li>➤ Higher input cost and not available timely</li> <li>➤ Lack of awareness for commercial vegetable production</li> <li>➤ Lack of technologies for commercial vegetable production (especially fertilizer and pesticide application)</li> <li>➤ Lack of processing industries and storage facilities.</li> <li>➤ Lack of marketing information and organized system</li> <li>➤ Lack of risk bearing ability of farmers</li> </ul>	<ul style="list-style-type: none"> <li>➤ Lack of irrigation facility</li> <li>➤ Higher fluctuation in price of marketable commodities.</li> <li>➤ Higher interference of middle man</li> <li>➤ Menace of stray cattle</li> <li>➤ Frequent natural calamities</li> <li>➤ Imbalance application fertilizers and pesticide</li> </ul>
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### 2.3 Animal Production System:

STRENGTHS	OPPORTUNITIES
<ul style="list-style-type: none"> <li>➤ Higher women participation in dairy &amp; poultry</li> <li>➤ Agriculture is the main source of livelihood</li> <li>➤ Climate is favourable for animal husbandry</li> <li>➤ <b>Department infrastructure for breeding/health coverage</b></li> </ul>	<ul style="list-style-type: none"> <li>➤ High demand for animal product like meat, milk and egg</li> <li>➤ More number of entrepreneur came to the areas of animal husbandry</li> <li>➤ Vocational course in +2 level in dairy and poultry</li> <li>➤ Food habit changing with urbanization</li> <li>➤ Scope for disease diagnostic centre</li> <li>➤ Purchasing power for the general public</li> <li>➤ Scope for fodder cultivation and processing</li> <li>➤ Scope for strengthening L.I</li> </ul>

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WEAKNESSES	CHALLENGES
<ul style="list-style-type: none"> <li>• Grazing land depleting</li> <li>• Inadequate manpower departmentally in the grass root level</li> <li>• Inadequate marketing facility for produce like milk.</li> <li>• Sufficient exposure not available for new technologies</li> <li>• Inadequate supply of vaccines timely.</li> <li>• Lack of awareness on disease management.</li> </ul>	<ul style="list-style-type: none"> <li>• Bird flue is rapid in poultry industry</li> <li>• Inadquate verterinary service</li> <li>• Zoonotic diseases newly emerging diseases like Trypanosoma, Theilenia, Brculle</li> </ul>

#### 2.4 Fish production System:

STRENGTHS	OPPORTUNITIES
<ul style="list-style-type: none"> <li>• More consumer acceptance</li> <li>• Availablity of tanks for pisciculture.</li> <li>• KMS Service (Mobile messaging)</li> <li>• Availability of local market</li> <li>• Well connected by road</li> </ul>	<ul style="list-style-type: none"> <li>• Scope for fish hatchery and fingerling production</li> <li>• Scope for intensive fish cultivation and polyculture of freshwater prawn.</li> <li>• Scope for integrated farming system (pond based)</li> </ul>
WEAKNESSES	CHALLENGES

<ul style="list-style-type: none"> <li>• Bank Linkages are not well established</li> <li>• Non availability of aquashops</li> <li>• Standing water problem in some munch</li> <li>• Non availability of water testing laboratory</li> <li>• Lack of subsidy based implements like pump, aerator, generator, net, testing kit etc.</li> </ul>	<ul style="list-style-type: none"> <li>• Non avilability of fingerlings and other inputs in time (grass carp)</li> <li>• Inbreeding depressed seed problem</li> <li>• Nonavailability of equipments and water testing kit</li> <li>• Disease diagnosis facility</li> <li>• Shortage of cold chain facility and ice production unit.</li> </ul>
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## 2.5 Natural Resource System:

STRENGTHS	OPPORTUNITIES
<ul style="list-style-type: none"> <li>• Availibility of natural waterbodies</li> <li>• Proportionately higher and dense forest cover</li> <li>• Availability of indigenous practices.</li> <li>• Availibility of wild foods.</li> </ul>	<ul style="list-style-type: none"> <li>• Scope for agro forest</li> <li>• Scope for Conservation of bio-diversity</li> <li>• Scope for soil conservation and ground water recharges</li> <li>• Scope for organic farming</li> <li>• Scope for composting unit</li> <li>• Scope for cultivationg wild foods (wild tuber, minor millets, wild fruits)</li> </ul>
WEAKNESSES	CHALLENGES
<ul style="list-style-type: none"> <li>➤ Degradation of soil due to erosion</li> <li>➤ Lack of technological knowledge for conserving germplasm</li> <li>➤ Faulty method of tillage</li> </ul>	<ul style="list-style-type: none"> <li>➤ Loss of forest cover due to illicit felling</li> <li>➤ Higher rate of soil erosion</li> <li>➤ Ecological imbalance</li> <li>➤ Poor management of irrigation water</li> </ul>



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### 3 AES -III Red Soil High Rainfall High Elevation

#### 3.1 Agriculture Production System:

➤ STRENGTHS	➤ OPPORTUNITIES
<ul style="list-style-type: none"> <li>➤ Suitable climate for growing of different crops</li> <li>➤ More no. of nalas &amp; perennial streams available</li> <li>➤ Diff. govt. schemes operated through agril.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Scope for increasing irrigation potential by using natural streams, nalas</li> <li>➤ Scope for increasing the mustard, niger cultivation</li> <li>➤ Scope for increasing the cropping intensity</li> <li>➤ Scope for single window delivery</li> </ul>
➤ WEAKNESSES	➤ CHALLENGES
<ul style="list-style-type: none"> <li>➤ Small land holdings</li> <li>➤ Non-availability of inputs in time</li> <li>➤ Insufficient field level staffs to carry out the schemes of Govt.</li> <li>➤ Lack of mandi/storage facilities at GP level.</li> <li>➤ Lack of irrigation potential</li> <li>➤ Unavailability of desired var. of paddy in time( for upland)</li> <li>➤</li> </ul>	<ul style="list-style-type: none"> <li>➤ Low literacy rate due to more SC/ST Population.</li> <li>➤ Frequent drought</li> <li>➤ Frequent electric failure</li> <li>➤ Stray animals</li> </ul>

#### 3.2 Horticulture Production System:

STRENGTHS	OPPORTUNITIES
<ul style="list-style-type: none"> <li>➤ Climate suitable for elephant foot yam, arrowroot &amp; ginger cultivation</li> <li>➤ Well communicated roads.</li> <li>➤ Govt. schemes like NHM is available</li> <li>➤ Transfer of technology through KMAs</li> <li>➤ Diff. perennial streams, nalas available for irrigation</li> </ul>	<ul style="list-style-type: none"> <li>➤ Five nos. of defunct cold storage facilities available</li> <li>➤ Scope for value addition &amp; processing</li> <li>➤ Scope for increasing honey bee cultivation</li> </ul>
➤ WEAKNESSES	➤ CHALLENGES
<ul style="list-style-type: none"> <li>➤ Lack of irrigation water</li> <li>➤ Lack of knowledge on diff. off season var. of vegetables</li> <li>➤ Lack of processing units</li> <li>➤ Lack of knowledge on diseases, pests &amp; fertilizer application.</li> <li>➤ Lack of knowledge on protected cultivation</li> </ul>	<ul style="list-style-type: none"> <li>➤ Shortage of professional staffs</li> <li>➤ Low literacy rate</li> <li>➤ Stray cattle is a problem in vegetable cultivation</li> </ul>

### 3.3 Animal Production System:

STRENGTHS	OPPORTUNITIES
<ul style="list-style-type: none"> <li>• More no. of vegetation available for animal rearing(mostly Goatary)</li> <li>• The best var. of goat in the world i. e. Black Bengal is available</li> <li>• Which is somewhat resistant to many diseases</li> <li>• Goatery Hat is present</li> <li>• Mobile van is working in the district for vaccination</li> </ul>	<ul style="list-style-type: none"> <li>• Scope for expansion of area under green &amp; fodder cultivation</li> <li>• Scope for strengthening the goatery cultivation</li> <li>• Scope for strengthening the LI centres</li> </ul>
WEAKNESSES	CHALLENGES

<ul style="list-style-type: none"> <li>➤ Lack of fodder for dairy</li> <li>➤ Lack of medicine store in the area</li> <li>➤ Lack of knowledge on disease management</li> <li>➤ Lack of availability of diff. var. of poultry</li> <li>➤ Lack of awareness on diff. Govt. schemes &amp; subsidy</li> </ul>	<ul style="list-style-type: none"> <li>➤ Frequent electric failure</li> <li>➤ More no. of illiterate persons.</li> <li>➤ Lack of sufficient staffs in field level</li> </ul>
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### 3.4 Fish production System:

STRENGTHS	OPPORTUNITIES
<ul style="list-style-type: none"> <li>➤ More market demand.</li> <li>➤ Well communicated to market</li> <li>➤ KMAs services for fishery cultivators</li> <li>➤ High demand for fish production</li> <li>➤ Availability of water resources for fish production</li> </ul>	<ul style="list-style-type: none"> <li>➤ Scope for increasing IFS system</li> <li>➤ Scope for fingerling/yearling production</li> <li>➤ Scope for integrated farming system</li> <li>➤ Good market availability</li> </ul>
➤ WEAKNESSES	➤ CHALLENGES
<ul style="list-style-type: none"> <li>➤ Fish seed is not available in time</li> <li>➤ Lack of knowledge on fish production &amp; disease management due to illiterate ST fisherman &amp; fish farmers.</li> <li>➤ Non availability of fish feed</li> <li>➤ Non availability of aqua medicines &amp; chemicals</li> <li>➤ Lack of ownership of community water bodies</li> <li>➤ Banks reluctant to extend finance due to joint ownership</li> </ul>	<ul style="list-style-type: none"> <li>➤ Water scarcity pose a major threats in fish cultivation</li> <li>➤ Availability of Fish seed is not available in time</li> <li>➤ Non revision of unit lost under FFDA</li> <li>➤ Lack of timely supply of fingerlings/yearlings</li> <li>➤ Non inclusion of bore well for mitigating the crisis period</li> <li>➤ Non provision of subsidy on fish feed</li> </ul>

<p>of land of applicants.</p> <ul style="list-style-type: none"> <li>➤ Prolonged winter in the area extends time for growth of fish</li> </ul>	
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### 3.4 Natural Resource System:

➤ STRENGTHS	➤ OPPORTUNITIES
<ul style="list-style-type: none"> <li>➤ Proportionately more forest area available</li> <li>➤ Rich in Bio-diversity</li> <li>➤ Natural water bodies available</li> <li>➤ Soil is rich in OM &amp; well drained</li> <li>➤ High rainfall in the area due to its AES characteristics</li> </ul>	<ul style="list-style-type: none"> <li>➤ Scope for increasing agro forestry</li> <li>➤ Scope for increasing the compost preparation techniques</li> <li>➤ Scope for increasing the renovation of LI pints for increasing the irrigation</li> <li>➤ Scope for more no. of check dams for conserving water &amp; soil</li> </ul>
➤ WEAKNESSES	➤ CHALLENGES
<ul style="list-style-type: none"> <li>➤ Lack of awareness among farmers about farming practices in high elevation area</li> <li>➤ Lack of biodiversity due to monoculture</li> <li>➤ Poor management of available water</li> </ul>	<ul style="list-style-type: none"> <li>➤ Loss of vegetation due to traditional Podu chasa</li> <li>➤ Degradation of soil due to erosion</li> <li>➤ Lack of knowledge i.e. due to illiteracy.</li> </ul>

## 4 AES-4 Red& Yellow Soil High Rainfall High Elevation

### 4.1 Agriculture Production System:

STRENGTHS	OPPORTUNITIES
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<ul style="list-style-type: none"> <li>➤ Suitable climate for growing of different crops</li> <li>➤ More no. of nalas &amp; perennial streams available</li> <li>➤ Farmers are more interested for scientific production and practices.</li> <li>➤ Diff. govt. schemes operated through agril.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Scope for increasing irrigation potential by using natural streams, nalas</li> <li>➤ Scope for increasing the mustard, niger cultivation</li> <li>➤ Scope for increasing the cropping intensity</li> <li>➤ Scope for single window delivery</li> </ul>
<b>WEAKNESSES</b>	<b>CHALLENGES</b>
<ul style="list-style-type: none"> <li>➤ Small land holdings</li> <li>➤ Non-availability of inputs in time</li> <li>➤ Insufficient field level staffs to carry out the schemes of Govt.</li> <li>➤ Unavailability of desired var. of paddy in time( for upland)</li> <li>➤ Lack of mandi/storage facilities at GP level.</li> <li>➤ Lack of irrigation potential</li> </ul>	<ul style="list-style-type: none"> <li>➤ Low literacy rate due to more SC/ST Population.</li> <li>➤ Frequent drought</li> <li>➤ Frequent electric failure</li> <li>➤ Stray animals</li> </ul>

#### 4.2 Horticulture Production System:

<b>STRENGTHS</b>	<b>OPPORTUNITIES</b>
<ul style="list-style-type: none"> <li>➤ Climate suitable for elephant foot yam, &amp; ginger cultivation</li> <li>➤ Well communicated roads and availability of marketing yard</li> <li>➤ Govt. schemes like NHM is available</li> <li>➤ Transfer of technology through KMAs</li> <li>➤ Diff. perennial streams, nalas available for irrigation</li> </ul>	<ul style="list-style-type: none"> <li>➤ Possibilities for establishment of cold storage and cool chamber</li> <li>➤ Scope for value addition &amp; processing</li> <li>➤ Scope for increasing honey bee cultivation</li> <li>➤ Scope for crop diversification</li> </ul>
<b>WEAKNESSES</b>	<b>CHALLENGES</b>

<ul style="list-style-type: none"> <li>➤ Lack of irrigation water</li> <li>➤ Lack of knowledge on diff. off season var. of vegetables</li> <li>➤ Lack of processing units</li> <li>➤ Lack of knowledge on diseases, pests &amp; fertilizer application.</li> <li>➤ Lack of knowledge on protected cultivation</li> </ul>	<ul style="list-style-type: none"> <li>➤ Shortage of professional staffs</li> <li>➤ Low literacy rate</li> <li>➤ Stray cattle is a problem in vegetable cultivation</li> <li>➤ Promotion of offseason vegetable cultivation</li> </ul>
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#### 4.3 Animal Production System:

STRENGTHS	OPPORTUNITIES
<ul style="list-style-type: none"> <li>➤ More no. of vegetation available for animal rearing(mostly Goatary)</li> <li>➤ The best var, of goat in the world i. e. Black Bengal is available</li> <li>➤ Which is somewhat resistant to many diseases</li> <li>➤ Goatery Hat is present</li> <li>➤ Mobile van is working in the district for vaccination</li> </ul>	<ul style="list-style-type: none"> <li>➤ Scope for expansion of area under green &amp; fodder cultivation</li> <li>➤ Scope for strengthening the goatery cultivation</li> <li>➤ Scope for strengthening the LI centres</li> </ul>
➤ WEAKNESSES	➤ CHALLENGES
<ul style="list-style-type: none"> <li>➤ Lack of fodder for diary</li> <li>➤ Lack of medicine store in the area</li> <li>➤ Lack of knowledge on disease management</li> <li>➤ Lack of availability of diff. var. of poultry</li> <li>➤ Lack of awareness on diff. Govt. schemes &amp; subsidy</li> </ul>	<ul style="list-style-type: none"> <li>➤ Frequent electric failure</li> <li>➤ More no. of illiterate persons.</li> <li>➤ Lack of sufficient staffs in field level</li> <li>➤ Helping people to form society for supplying of poultry chicks and other inputs i.e medicine and vaccine at lower rate.</li> </ul>

#### 4.4 Fish production System:

STRENGTHS	OPPORTUNITIES
<ul style="list-style-type: none"> <li>➤ Heavy market demand and favourable attitude of fish growers towards scientific practices.</li> <li>➤ More market demand.</li> <li>➤ Good liasoning with the fishery department officials</li> </ul>	<ul style="list-style-type: none"> <li>➤ Scope for increasing IFS system</li> <li>➤ Scope for fingerling/yearling production</li> <li>➤ Scope for integrated farming system</li> <li>➤ Good market availability</li> </ul>
➤ WEAKNESSES	➤ CHALLENGES
<ul style="list-style-type: none"> <li>➤ Fish seed is not available in time</li> <li>➤ Lack of knowledge on fish production &amp; disease management due to illiterate ST fisherman &amp; fish farmers.</li> <li>➤ Non availability of fish feed</li> <li>➤ Non availability of aqua medicines &amp; chemicals</li> <li>➤ Lack of ownership of community water bodies</li> <li>➤ Banks reluctant to extend finance due to joint ownership of land of applicants.</li> <li>➤ Prolonged winter in the area extends time for growth of fish</li> </ul>	<ul style="list-style-type: none"> <li>➤ Water scarcity pose a major threats in fish cultivation</li> <li>➤ Non revision of unit lost under FFDA</li> <li>➤ Lack of timely supply of fingerlings/yearlings</li> <li>➤ Non inclusion of bore well for mitigating the crisis period</li> <li>➤ Non provision of subsidy on fish feed</li> </ul>

#### 4.5 Natural Resource System:

STRENGTHS	OPPORTUNITIES
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<ul style="list-style-type: none"> <li>➤ Proportionately more forest area available</li> <li>➤ Rich in Bio-diversity</li> <li>➤ Natural water bodies available</li> <li>➤ High rainfall in the area due to its AES characteristics</li> </ul>	<ul style="list-style-type: none"> <li>➤ Scope for increasing agro forestry</li> <li>➤ Scope for increasing the compost preparation techniques</li> <li>➤ Scope for increasing the renovation of LI pints for increasing the irrigation</li> <li>➤ Scope for more no. of check dams for conserving water &amp; soil</li> </ul>
<b>➤ WEAKNESSES</b>	<b>➤ CHALLENGES</b>
<ul style="list-style-type: none"> <li>➤ Lack of awareness among farmers about farming practices in high elevation area</li> <li>➤ Lack of biodiversity due to monoculture</li> <li>➤ Poor management of available water</li> </ul>	<ul style="list-style-type: none"> <li>➤ Loss of vegetation due to black marketing of forest products</li> <li>➤ Degradation of soil due to erosion</li> <li>➤ Lack of knowledge i.e. due to illiteracy.</li> <li>➤ Lack of awareness among people to conserve forest for future generation.</li> </ul>

## 5 AES-V Black soil Medium Rainfall Medium Elevation

### 5.1 Agriculture Production System:

<b>STRENGTHS</b>	<b>OPPORTUNITIES</b>
<ul style="list-style-type: none"> <li>➤ Availability of agricultural land</li> <li>➤ Availability of both surface and ground water sources</li> <li>➤ Existence of farmer friendly government programmes</li> <li>➤ Easy reach of improved technological knowledge</li> <li>➤ Good assistance from NABARD and Farmers' club</li> </ul>	<ul style="list-style-type: none"> <li>➤ Good communication facility</li> <li>➤ Scope for structured market</li> <li>➤ Scope for crop diversification</li> </ul>
<b>➤ WEAKNESSES</b>	<b>➤ CHALLENGES</b>



<ul style="list-style-type: none"> <li>➤ Scarcity of agri-inputs (seed, fertilizer, pesticides)</li> <li>➤ Shortage of agril. Labourers</li> <li>➤ Problem in bank finance</li> <li>➤ Less awareness amongst farmers to avail government schemes and subsidy</li> <li>➤ Non availability of mandi in G.P level</li> </ul>	<ul style="list-style-type: none"> <li>➤ Frequent occurrence of drought&amp; flood</li> <li>➤ Crop loss due to climatic hazard and animal threat</li> <li>➤</li> </ul>
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## 5.2. Horticulture Production System:

STRENGTHS	OPPORTUNITIES
<ul style="list-style-type: none"> <li>➤ Good market demand for vegetable crop</li> <li>➤ Existence of government programmes like NHM, NRGEA, RKVY, etc for horticultural development</li> <li>➤ Good irrigation facility and water source</li> <li>➤ Good fertile soil for horticultural crop</li> </ul>	<ul style="list-style-type: none"> <li>➤ Good communication facility</li> <li>➤ Scope for value addition of fruits and vegetables</li> <li>➤ Availability of implements on rent basis</li> <li>➤ Scope for floriculture</li> </ul>
➤ WEAKNESSES	➤ CHALLENGES
<ul style="list-style-type: none"> <li>➤ Problem in availability of electricity for irrigation</li> <li>➤ Non availability of appropriate variety and quality seed in private dealer point</li> <li>➤ Problem in mobilizing credit</li> <li>➤ Scarcity in government horticulture extension personnel</li> <li>➤ Less communication of farmers with horticulture department</li> <li>➤ Crop insurance yet to reach to majority of the farmers</li> <li>➤ Insufficient marketing infrastructure</li> </ul>	<ul style="list-style-type: none"> <li>➤ Organising farmers group for procurement of input in a bulk amount and marketing of the produce at larger scale</li> <li>➤ Establishment of cold storage structure</li> <li>➤ Awareness of farmers regarding soil test and soil health management</li> </ul>

### 5.3. Animal Production System:

STRENGTHS		OPPORTUNITIES	
<ul style="list-style-type: none"> <li>➤ Good market demand for milk, meat and egg</li> <li>➤ Existence veterinary hospitals in panchayat level</li> <li>➤ Adequate grazing land, forest, water, etc for goat, poultry &amp; cattle farming</li> <li>➤ Existence of more no. of broiler farms in PPP mode</li> </ul>		<ul style="list-style-type: none"> <li>➤ Good market demand for milk products</li> <li>➤ Opportunity to organize health camps for promoting the technology. .</li> <li>➤ Scope for supply of eggs to school for mid-day-meal programmes</li> <li>➤ Scope for contract farming for broiler farming</li> <li>➤ Scope for value addition of milk</li> </ul>	
WEAKNESSES		CHALLENGES	
<ul style="list-style-type: none"> <li>➤ Non availability of good breeding buck in case of goat farming</li> <li>➤ Insufficient availability of credit facility and insurance</li> <li>➤ Absence of milk cooperative society leading to distress sale</li> <li>➤ Chicks procurement problem in case of individual broiler farming</li> <li>➤ Lack of irrigation facility</li> </ul>		<ul style="list-style-type: none"> <li>➤ Upgradation of local stock by ensuring availability of good breeding males to the small animal rearers.</li> <li>➤ Maintenance of proper health to reduce the mortality.</li> <li>➤ Awareness to unemployed youth diverted from agriculture and allied sector to mining &amp; industries</li> </ul>	

### 5.4. Fish production System:

STRENGTHS		OPPORTUNITIES	
<ul style="list-style-type: none"> <li>➤ Existence of good no. of water bodies like pond, canals, river, etc.</li> <li>➤ Existence of government schemes for fish farmers</li> <li>➤ Availability of yearlings &amp; fingerlings locally</li> <li>➤ Good market for sale of fish and fish products</li> </ul>		<ul style="list-style-type: none"> <li>➤ Scope for fish value added products unit</li> <li>➤ Scope for commercial ornamental pisciculture</li> <li>➤ Good communication facility</li> <li>➤ Scope for exposure visit and skill training programmes</li> </ul>	
➤ WEAKNESSES		➤ CHALLENGES	

<ul style="list-style-type: none"> <li>➤ Low level of awareness amongst farmers to adopt scientific fish farming</li> <li>➤ Deficit in improved fingerlings, yearlings, etc.</li> <li>➤ Problem in bank finance</li> <li>➤ Lack of knowledge in value addition of fish</li> <li>➤ Absence of insurance facility</li> <li>➤ Absence of credit facility and government assistance in case of G.P tanks</li> </ul>	<ul style="list-style-type: none"> <li>➤ Less rainfall leads to water scarcity round the year</li> <li>➤ Low yield due to lack of technical know how</li> </ul>
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#### 5.5. Natural Resource System:

STRENGTHS	OPPORTUNITIES
<ul style="list-style-type: none"> <li>➤ Existence of good volume of water , forest, land and animals.</li> <li>➤ Soil texture and structure is optimum for vegetation</li> </ul>	<ul style="list-style-type: none"> <li>➤ Establishment of agro-forestry model for rural livelihood.</li> <li>➤ Scope for rain water storage structure</li> <li>➤ Scope for promotion of Bamboo cultivation</li> </ul>
WEAKNESSES	CHALLENGES
<ul style="list-style-type: none"> <li>➤ Degradation of forest due to fire</li> <li>➤ Low level of awareness on conservation / renovation of existing forest</li> <li>➤ Lack of awareness for conserving the natural resources</li> </ul>	<ul style="list-style-type: none"> <li>➤ Frequent occurrence of drought, flood, etc.</li> <li>➤ Climate change</li> <li>➤</li> </ul>

### 6 AES-VI Black Soil High Rainfall Medium Elevation

#### 6.1 Agriculture Production System:

STRENGTHS	OPPORTUNITIES
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<ul style="list-style-type: none"> <li>➤</li> <li>➤ Favorable climate</li> <li>➤ Medium elevation, high rain fall</li> <li>➤ Approachable road communication</li> <li>➤ Availability of sufficient pasture land</li> <li>➤ Different government schemes operated through agriculture department.</li> </ul>	<ul style="list-style-type: none"> <li>➤</li> <li>➤ Scope for integrated farming system</li> <li>➤ Scope for producer company, farmers bazaar, farmers federation</li> <li>➤ Scope for increasing irrigation potential by using natural water bodies</li> <li>➤ Scope for seed production programme</li> <li>➤ Scope for mushroom cultivation</li> </ul>
<b>WEAKNESSES</b>	<b>CHALLENGES</b>
<ul style="list-style-type: none"> <li>➤</li> <li>➤ Non availability of agroprocessing unit.</li> <li>➤ Small land holding</li> <li>➤ Insufficient staffing pattern</li> <li>➤ Lack of organized marketing system</li> <li>➤ Non availability of input in time</li> <li>➤ Lack of storage facility</li> <li>➤ Lack of farm mechanization</li> </ul>	<ul style="list-style-type: none"> <li>➤</li> <li>➤ Frequent Natural calamities like drought.</li> <li>➤ Indiscriminate use of fertilizer &amp; pesticides</li> <li>➤ Stray bull</li> <li>➤ Frequent electric failure</li> </ul>

## 6.2 Horticulture Production System:

<b>STRENGTHS</b>	<b>OPPORTUNITIES</b>
<ul style="list-style-type: none"> <li>➤ Favourable climate for all horticultural crops</li> <li>➤ Suitable climate for offseason vegetable production</li> <li>➤ Availability of local market</li> <li>➤ Approachable road communication.</li> <li>➤ Higher Involvement of women in</li> </ul>	<ul style="list-style-type: none"> <li>➤ Scope for floriculture</li> <li>➤ Scope for hi -tech horticulture</li> <li>➤ Scope for honey bee production</li> <li>➤ Scope for medicinal, aromatic and plantation crop cultivation with their processing.</li> <li>➤ Scope for vegetable processing unit</li> </ul>

farming	
WEAKNESSES	CHALLENGES
<ul style="list-style-type: none"> <li>➤ Lack of irrigation facility</li> <li>➤ Higher input cost and not available timely</li> <li>➤ Lack of awareness for commercial vegetable production</li> <li>➤ Lack of technologies for commercial vegetable production (especially fertilizer and pesticide application)</li> <li>➤ Lack of processing industries and storage facilities.</li> <li>➤ Lack of marketing information and organized system</li> <li>➤ Lack of risk bearing ability of farmers</li> </ul>	<ul style="list-style-type: none"> <li>➤ Lack of irrigation facility</li> <li>➤ Higher fluctuation in price of marketable commodities.</li> <li>➤ Higher interference of middle man</li> <li>➤ Menace of stray cattle</li> <li>➤ Frequent natural calamities</li> <li>➤ Imbalance application fertilizers and pesticide</li> </ul>

### 6.3 Animal Production System:

STRENGTHS	OPPORTUNITIES
<ul style="list-style-type: none"> <li>➤ Higher women participation in dairy &amp; poultry</li> <li>➤ Agriculture is the main source of livelihood</li> <li>➤ Climate is favourable for animal husbandary</li> <li>➤ <b>Department infrastructure for breeding/health coverage</b></li> </ul>	<ul style="list-style-type: none"> <li>➤ High demand for animal product like meat, milk and egg</li> <li>➤</li> <li>➤ More number of entrepreneur came to the areas of animal husbandry</li> <li>➤ Vocational course in dairy and poultry</li> <li>➤ Food habit changing with urbanization</li> </ul>

<ul style="list-style-type: none"> <li>➤</li> <li>➤ <b>Good communication facility</b></li> <li>➤ <b>Existence of milk route channel and cooperative societies</b></li> </ul>	<ul style="list-style-type: none"> <li>➤ Scope for disease diagnostic centre</li> <li>➤ Purchasing power for the general public</li> <li>➤ Scope for fodder cultivation and processing</li> <li>➤ Scope for strengthening L.I centre</li> </ul>
<b>WEAKNESSES</b>	<b>CHALLENGES</b>
<ul style="list-style-type: none"> <li>➤ Grazing land depleting</li> <li>➤ Inadequate manpower departmentally in the grass root level</li> <li>➤ Inadequate marketing facility for produce like milk.</li> <li>➤ Sufficient exposure not available for new technologies</li> <li>➤ Inadequate supply of vaccines timely.</li> <li>➤ Lack of awareness on disease management.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Bird flu is rapid in poultry industry</li> <li>➤ Inadequate veterinary service</li> <li>➤ Zoonotic diseases newly emerging diseases like Trypanosoma, Theilmania, Brculle</li> </ul>

#### 6.4 Fish production System:

<b>STRENGTHS</b>	<b>OPPORTUNITIES</b>
<ul style="list-style-type: none"> <li>➤ More consumer acceptance</li> <li>➤ Availability of tanks for pisciculture.</li> <li>➤ KMS Service (Mobile messaging)</li> <li>➤ Availability of local market</li> <li>➤ Well connected by road</li> </ul>	<ul style="list-style-type: none"> <li>➤ Scope for fish hatchery and fingerling production</li> <li>➤ Scope for intensive fish cultivation and polyculture of freshwater prawn.</li> <li>➤ Scope for integrated farming system (pond based)</li> </ul>

WEAKNESSES	CHALLENGES
<ul style="list-style-type: none"> <li>➤ Non availability of quality fish seed.</li> <li>➤ Market competition for selling the produce</li> <li>➤ Non availability of water testing laboratory</li> <li>➤ Lack of subsidy based implements like pump, aerator, generator, net, testing kit etc.</li> <li>➤ Lack of field staff for supervision at farmers field</li> </ul>	<ul style="list-style-type: none"> <li>➤ Non availability of fingerlings and other inputs in time (grass carp)</li> <li>➤ Inbreeding depressed seed problem</li> <li>➤ Nonavailability of equipments and water testing kit</li> <li>➤ Disease diagnosis facility</li> <li>➤ Shortage of cold chain facility and ice production unit.</li> </ul>

### 6.5 Natural Resource System:

STRENGTHS	OPPORTUNITIES
<ul style="list-style-type: none"> <li>➤ Availability of natural waterbodies</li> <li>➤ Proportionately higher and dense forest cover</li> <li>➤ Availability of indigenous practices.</li> <li>➤ Availability of wild foods.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Scope for agro forest</li> <li>➤ Scope for Conservation of bio-diversity</li> <li>➤ Scope for soil conservation and ground water recharges</li> <li>➤ Scope for organic farming</li> <li>➤ Scope for composting unit</li> <li>➤ Scope for cultivationg wild foods (wild tuber, minor millets, wild fruits)</li> </ul>
WEAKNESSES	CHALLENGES
<ul style="list-style-type: none"> <li>➤ Degradation of soil due to erosion</li> <li>➤ Lack of technological knowledge for conserving germplasm</li> <li>➤ Faulty method of tillage</li> </ul>	<ul style="list-style-type: none"> <li>➤ Loss of forest cover due to illicit felling</li> <li>➤ Higher rate of soil erosion</li> <li>➤ Ecological imbalance</li> <li>➤ Poor management of irrigation water</li> </ul>

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## 7 AES-VII Alluvial Soil

### 7.1 Agriculture Production System

Strength	Opportunity
<ul style="list-style-type: none"> <li>➤ More are under medium &amp; low land suitable for rice cultivation of medium &amp; long duration paddy.</li> <li>➤ 90% Kharif irrigation facility available.</li> <li>➤ Canal irrigation, LI &amp; Private LIP conducive for cultivation of oilseed &amp; pulses.</li> <li>➤ Residual moisture status is adequate on the river basin of Baitarani</li> <li>➤ Suitable for cultivation of groundnut during Rabi season</li> <li>➤ Good return with less investment of pulse crop</li> <li>➤ Cultivation experience of farmers</li> </ul>	<ul style="list-style-type: none"> <li>➤ Establishment of More numbers of rice mills to processes paddy</li> <li>➤ Well connected road for transportation of agricultural produces.</li> <li>➤ Innovative and educated farmers engaged in agriculture activities.</li> <li>➤ Better marketing facilities available due to geographical situation of the blocks.</li> <li>➤ Technology is approachable Agril. &amp; allied department RRTTS &amp; KVK are actively engaged in Research and transfer of technology in the district.</li> <li>➤ Opportunity for seed production of HYV of rice,pulses, oilseeds and hybrid of rice</li> </ul>
Weakness	Challenge
<ul style="list-style-type: none"> <li>➤ Imbalanced use of Chemical Fertilizer.</li> <li>➤ Application of Chemical Fertilizer without soil test recommendation.</li> <li>➤ Less availability of FYM due to</li> </ul>	<ul style="list-style-type: none"> <li>➤ Prone to flood &amp; cyclone which damage the crops frequently in Kharif season.</li> <li>➤ Non-availability of agriculture labourer squeezes the package &amp; practices of</li> </ul>



<p>increased farm mechanisation.</p> <ul style="list-style-type: none"> <li>➤ Less use of Green manure &amp; bio-fertilizer</li> <li>➤ Poor marketing system &amp; distress sale of pulses &amp; oilseed.</li> <li>➤ Due to lack of suitable variety area extension is not possible.</li> <li>➤ Labour cost is high more than the govt. fixed rate.</li> <li>➤ Pest &amp; diseases outbreak like BPH,BLB, Cutworm, Sheath rot.</li> </ul>	<p>crops..</p> <ul style="list-style-type: none"> <li>➤ Frequency in the occurrence of hot, humid &amp; cloudy weather encouraging outbreak of pest &amp; disease.</li> <li>➤ Affect of climate change like erratic &amp; irregular rainfall, short winter, extremely high temperature during summer.</li> </ul>
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### 7.7.2 Horticulture Production System

Strength	Opportunity
<ul style="list-style-type: none"> <li>➤ Land and climate suitable</li> <li>➤ Horticulture department support</li> <li>➤ Per ha yield 10 ton-12 ton</li> <li>➤ Production technology available</li> <li>➤ Irrigation facility available</li> </ul>	<ul style="list-style-type: none"> <li>➤ Large scope for area expansion</li> <li>➤ Progressive farmers' readiness to take up mango cultivation</li> <li>➤ High demand of fruits in internal markets</li> <li>➤ Farmers are of investment mentality</li> </ul>
Weakness	Challenge
<ul style="list-style-type: none"> <li>➤ Distress sale during harvest</li> <li>➤ During bumper harvest of local var. the established farmers have poor sale</li> <li>➤ unorganized market facility</li> <li>➤ No value addition activities and infrastructure</li> <li>➤ Unavailability of sufficient quantities of quality planting materials</li> </ul>	<ul style="list-style-type: none"> <li>➤ No training facilities for value addition</li> <li>➤ Marketing is a challenge</li> <li>➤ Specific Mango growers required.</li> <li>➤ Special Govt. assistance for rejuvenation of old mango orchards</li> <li>➤ Old mango orchard / Technology</li> </ul>

	(Production) up-gradation ➤ Dist. level mango collection centre with Govt. support
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### 7.3 SWOC of Animal Production Systems

Strength	Opportunity
<ul style="list-style-type: none"> <li>➤ Good Cross Bred Animal Population</li> <li>➤ Availability of veterinary extension personnel for helping</li> <li>➤ Cooperative System of marketing</li> <li>➤ Increasing demand for milk and milk products</li> <li>➤ Good water table and rivers</li> </ul>	<ul style="list-style-type: none"> <li>➤ Availability of vast Gochar land for community fodder</li> <li>➤ Private entrepreneurs in milk marketing</li> <li>➤ Insurance facility for animals</li> <li>➤ Conversion to different products like ghee, skim milk etc.</li> <li>➤ Small packing units of raw milk / fresh milk</li> </ul>
Weakness	Challenge
<ul style="list-style-type: none"> <li>➤ Poor consumption habit of milk &amp; milk products among the people.</li> <li>➤ Shortage of fodder.</li> <li>➤ Repeat Breeding &amp; mastitis.</li> <li>➤ Calf rearing costly.</li> <li>➤ Non-availability of High Pedigree semen straws.</li> <li>➤</li> </ul>	<ul style="list-style-type: none"> <li>➤ High stray bulls menace.</li> <li>➤ High cost of veterinary drugs.</li> <li>➤ Flood prone areas.</li> <li>➤ Low &amp; erratic price of raw milk.</li> <li>.</li> </ul>

### 7.4 Fish Production Systems

Strength	Opportunity
<ul style="list-style-type: none"> <li>➤ Availability of low land condition for tank &amp; ponds for taking up fishing.</li> <li>➤ A number of fresh water ponds &amp; tanks are existing.</li> <li>➤ Input for fishing spawn and other inputs are available.</li> <li>➤ Fisherman communities are existing.</li> <li>➤ Fished ingredients like oilcakes are available.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Low cost feed mills can be established..</li> <li>➤ There is opportunity for establishment of yearlings production centres</li> <li>➤ Carp hatcheries can be established.</li> <li>➤ Biological control of aquatic weeds can be done.</li> <li>➤ Sound economy of farmers favouring establishment of aquashop.</li> </ul>
Weakness	Challenge
<ul style="list-style-type: none"> <li>➤ Pisciculture tanks are community based, a number of villagers are the partners of ponds &amp; tanks.</li> <li>➤ Pond &amp; tanks are subject to herbs &amp; shrubs &amp; various types of perennial weeds.</li> <li>➤ Less availability of shops dealing in fish based inputs.</li> <li>➤ No coverage of insurance.</li> <li>➤ Lack of fish genera-having market demand.</li> <li>➤ Occurrence of various fish diseases.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Poisoning of fish by enemies.</li> <li>➤ Involvement of high cost in the fish production is a emerging challenge.</li> </ul>

## 7.5 Natural Resource Management

STRENGTHS	OPPORTUNITIES
<ul style="list-style-type: none"> <li>➤ Availibility of natural waterbodies</li> <li>➤ Proportionately higher and dense forest cover</li> <li>➤ Availability of indigenous practices.</li> <li>➤ Availibility of wild foods.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Scope for agro forest</li> <li>➤ Scope for Conservation of bio-diversity</li> <li>➤ Scope for soil conservation and ground water recharges</li> <li>➤ Scope for organic farming</li> <li>➤ Scope for composting unit</li> <li>➤ Scope for cultivationg wild foods (wild tuber, minor millets, wild fruits)</li> </ul>
WEAKNESSES	CHALLENGES
<ul style="list-style-type: none"> <li>➤ Degradation of soil due to erosion</li> <li>➤ Lack of technological knowledge for conserving germplasm</li> <li>➤ Faulty method of tillage</li> </ul>	<ul style="list-style-type: none"> <li>➤ Loss of forest cover due to illicit felling</li> <li>➤ Higher rate of soil erosion</li> <li>➤ Ecological imbalance</li> <li>➤ Poor management of irrigation water</li> </ul>

## 8 AES-VII Forest soil

### 8.1 Agriculture Production System

Strength	Opportunity
<ul style="list-style-type: none"> <li>➤ Scope for development of agro-forestry, agro-silvi for sustainable livelihood.</li> <li>➤ Promotion of crop diversification and forest species.</li> <li>➤ Water resources available for</li> </ul>	<ul style="list-style-type: none"> <li>➤ Large no of employment opportunity can be created</li> <li>➤ WSHG can be employed in processing forest produce, making paper plate, extracting honey etc.</li> <li>➤ Training on Bamboo cultivation, lac cultivation can promoted.</li> </ul>

crop cultivation	➤ Utilization of solar energy as a alternative source of irrigation.
<b>Weakness</b>	<b>Challenge</b>
<ul style="list-style-type: none"> <li>➤ Lack of proper communication facility</li> <li>➤ Non availability of quality input on time</li> <li>➤ Ignorance of farmers.</li> <li>➤ Motivating the farmers for scientific cultivation is very difficult.</li> <li>➤ Lack of support in terms of financial back up.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Lack of marketing channels for the agri-produce.</li> <li>➤ Fruits and vegetables should be purchased as a organic product</li> <li>➤ Adoption of modern technology by farmers instead of traditional farming</li> <li>➤ Planning for combating natural calamity.</li> </ul>

## 8.2 Horticulture Production System

<b>Strength</b>	<b>Opportunity</b>
<ul style="list-style-type: none"> <li>➤ Availability of land resources for cultivation of high value low volume crops and fruits</li> <li>➤ Assured irrigation due to presence of perennial water streams</li> <li>➤ Optimum climate condition for horticultural crop growth.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Utilization of vacant sloppy land for cultivation of seasonal fruits and vegetables.</li> <li>➤ Promotion of organic farming and organic fruits and vegetables</li> <li>➤ Introduction of water use efficiency technology through drip irrigation system.</li> </ul>
<b>Opportunity</b>	<b>Challenge</b>

<b><u>Weakness</u></b>	<b><u>Challenge</u></b>
<ul style="list-style-type: none"> <li>➤ Lack of marketing facility along with communication and transportation difficulty.</li> <li>➤ Financial weakness for cultivating fruits and vegetable in a large scale for business purpose..</li> </ul>	<ul style="list-style-type: none"> <li>➤ Development of collection center at each panchayat for bulk marketing of fruits and vegetables</li> <li>➤ Establishment of market yard at panchayat level.</li> </ul>

### 8.3 Animal Production System

<b>Strength</b>	<b>Opportunity</b>
<ul style="list-style-type: none"> <li>➤ Availability of grazing land for small and large ruminants</li> <li>➤ Availability of land for fodder cultivation.</li> <li>➤ Small animals can thrive in Drought situation.</li> <li>➤ Small marginal, landed and landless people go for small animal rearing.</li> <li>➤ Bushy forests available</li> </ul>	<ul style="list-style-type: none"> <li>➤ Huge demand of meat.</li> <li>➤ Disposal of sheep and goat during economically very easy</li> <li>➤ Small animal can with stand drought like situation.</li> <li>➤ Construction of goat shed under MGNREGS</li> </ul>
<b>Weakness</b>	<b>Challenge</b>
<ul style="list-style-type: none"> <li>➤ Inadequate mobility facility</li> <li>➤ Inadequate supervision &amp; guidance there by poor follow-up</li> <li>➤ No uniformity in extension methodology</li> <li>➤ Inadequate publicity</li> <li>➤ No infrastructure for Goat AI</li> <li>➤ Less importance is being given to</li> </ul>	<ul style="list-style-type: none"> <li>➤ Non –cooperation of bank official to sanction loan</li> <li>➤ lack of official staff for proper technical backstopping</li> <li>➤ Upgradation of local stock by ensuring availability of good breeding males to the small animal rearers.</li> <li>➤ Maintenance of proper health to reduce</li> </ul>

<p>goat/sheep sector in comparison to Dairy sector</p> <ul style="list-style-type: none"> <li>➤ Inadequate De-worming and vaccination programmes</li> <li>➤ Negligible training programmes on goat management for field staff.</li> <li>➤ Convergence concept not institutionalized.</li> </ul>	<p>the mortality.</p> <ul style="list-style-type: none"> <li>➤ Artificial Insemination in Goat for quick genetic gain in offspring.</li> <li>➤ Ensure production of quality semen by setting up new Goat Frozen Semen Bank</li> </ul>
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#### 8.4 Fisheries Production System

Strength	Opportunity
<ul style="list-style-type: none"> <li>➤ Availability of low laying areas for excavation as fish production tank.</li> <li>➤ Availability of spawn unit for fish production</li> <li>➤ New scientific technologies for higher fish production</li> </ul>	<ul style="list-style-type: none"> <li>➤ Capacity building of farmers through training &amp; demonstration</li> <li>➤ Renovation of old water bodies</li> <li>➤ Encouragement to farmers for excavation of new water bodies</li> <li>➤ Supply of sufficient fry, fingerling &amp; yearling by fishery Dept. &amp; private hatchery</li> <li>➤ Extending insurance facilities to fish farmers</li> <li>➤ Proper treatment of water bodies after soil &amp; water testing</li> <li>➤</li> </ul>
Weakness	Challenge

<ul style="list-style-type: none"> <li>➤ Financial institutions are reluctant to sanction loan for fish production.</li> <li>➤ Low adoption of scientific fish production by farmers</li> <li>➤ Non availability of infrastructure and storage for fish.</li> <li>➤</li> </ul>	<ul style="list-style-type: none"> <li>➤ Fish growers are competing with the other neighbouring states during fish procurement</li> <li>➤ Availability of fresh fish at market yard from other states.</li> <li>➤ Strict rules and regulation to be formulate for marketing of fish from neighbouring states.</li> </ul>
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## 8.5 Natural Resource Management

Strength	Opportunity
<ul style="list-style-type: none"> <li>➤ Availabilty of vast diversity of flora and fauna</li> <li>➤ Availability of large scale forest area</li> <li>➤ Rich source of soil and water is available for vegetation</li> </ul>	<ul style="list-style-type: none"> <li>➤ To create awareness about the detrimental effect of shifting cultivation.</li> <li>➤ Establishment of marketing infrastructure for procurement of Non-forest timber products.</li> <li>➤ Establishment of processing of minor forest products.</li> </ul>
Weakness	Challenge
<ul style="list-style-type: none"> <li>➤ Degradation of forest area due to shifting cultivation.</li> <li>➤ Lack of awareness of farmers towards conserving forest and forest products.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Soil erosion due to shifting cultivation practice</li> <li>➤ .Black marketing of forest products</li> </ul>