



## **Model Detailed Project Report**

### **SOYA CHAAP**

**Prepared by**

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## **1. INTRODUCTION**

### **SOYA CHAAP**



Soya chaap is a stick rolled chaap of soy products contains high nutritional value. Traditionally it is prepared from soya chunks and soya beans which is grounded together and mixed with all purpose flour. Later it is rolled into skewers or ice cream sticks and boiled in hot water till it cooked. It can be either used to prepare gravy for roti and sabzi or as snack.

The key benefits of soya are its high protein content, vitamins, minerals and insoluble fibre. The soya bean has been now transformed into a number of popular soya based foods including soya chaap. It is a good source of many minerals.

## **2. MARKET POTENTIAL:**

Soya food products are becoming popular throughout the world due to their good nutritional values and medicinal qualities. Soya milk is high in protein, low in fat and carbohydrate and contains no cholesterol. It is an excellent

food for babies, children, elderly people and pregnant and lactating women since it contains vegetable protein which is very nutritious and easy to digest. Due to the outbreak of the coronavirus disease (COVID-19), there has been a rise in the demand for plant-based, protein-rich food products, such as tofu. This is further supported by the shortage of meat products, which, in turn, is positively influencing the market growth.

The soya Chaap market in India is growing at a rate of 15% to 20% which are prompting companies to become more active.

### **3. PRODUCT DESCRIPTION**

#### **3.1 Raw Material sources**

Following raw material is required as the major raw material for the manufacturing of Soya Chaap.

<b>S.N.</b>	<b>Description</b>	<b>Amount</b>
<b>1</b>	Soya Flour	Rs. 35-40 Per KG
<b>2</b>	Oil	Rs. 100-150 Per Litre
<b>3</b>	Wheat flour	Rs. 30-35 Per KG

Average raw material (cost per KG): Rs. 40-50

### **MANUFACTURING PROCESS**

- Preparation of dough by mixing soya flour, oil and wheat flour.
- After dough preparation, it is cut and wrapped on the stick.
- All this work is done manually.

- After giving shape, the soya chaap are boiled for 30 minutes and after that kept in cold water to get cooled.
- Then it is freezed in blast freezer and stored in cold chamber.
- They are kept in cold chamber in large size packets or sacks.
- According to market demand, sack are taken out from cold chamber and packed in 1 kg size packets.
- Supply of product into the market through cold chain.


## 5. PROJECT COMPONENTS





### 5.1 Land

Land required 2500-3000 square feet approx.

Approximate rent for the same is Rs.50000 - 60000 per month.

### 5.2 Plant Cost

S.N.	Item Description	Image
1	Boiled tank	

2	Cold chamber	
3	Packaging machine	
4	Sealing machine	
5	Cold chain Transport (rented or owned)	

Note: cost of the machinery is approx. Rs. 30,00,000 excluding GST and other transportation cost.

### **5.3 Misc. Assets**

<b>S.N.</b>	<b>Item Description</b>	<b>Rate</b>
1	Electricity connection	50,000
2	Furniture and equipment's	50,000
3	Knife, Storage tank etc.	20,000

### **5.4 Power Requirement**

The borrower shall require power load of 15-20 KW which shall be applied with Power Corporation. However, for standby power arrangement the borrower shall also purchase DG Set.

### **5.5 Manpower Requirement**

13-15 Manpower are required for the Soya Chaap Manufacturing unit.

Includes:

3 Skilled Labour

4-5 Unskilled Labour

4-5 Helper

1 Accountant

1 Driver

## 6. FINANCIALS

### 6.1 Cost of Project

COST OF PROJECT	
(in Lacs)	
PARTICULARS	Amount
Land & Building	Owned/rented
Plant & Machinery	30.00
miscellaneous Assets	1.20
Working capital	4.44
<b>Total</b>	<b>35.64</b>

### 6.2 Means of Finance

MEANS OF FINANCE	
PARTICULARS	AMOUNT
Own Contribution (min 10%)	4.48
Subsidy @35%(Max. Rs 10 Lac)	10.00
Term Loan @ 55%	17.16
Working Capital (bank Finance)	4.00
<b>Total</b>	<b>35.64</b>

### 6.3 Projected Balance Sheet

(in Lacs)					
<b>PROJECTED BALANCE SHEET</b>					
<b>PARTICULARS</b>	<b>1st year</b>	<b>2nd year</b>	<b>3rd year</b>	<b>4th year</b>	<b>5th year</b>
<b><u>Liabilities</u></b>					
Capital					
opening balance		14.59	15.31	16.71	18.86
Add:- Own Capital	4.48				
Add:- Retained Profit	2.60	6.22	9.40	13.16	17.26
Less:- Drawings	2.50	5.50	8.00	11.00	14.00
Subsidy/grant	10.00				
Closing Balance	14.59	15.31	16.71	18.86	22.13
Term Loan	15.25	11.44	7.63	3.81	-
Working Capital Limit	4.00	4.00	4.00	4.00	4.00
Sundry Creditors	0.90	1.06	1.23	1.42	1.61
Provisions & Other Liab	0.20	0.25	0.30	0.36	0.43
<b>TOTAL :</b>	<b>34.94</b>	<b>32.06</b>	<b>29.86</b>	<b>28.45</b>	<b>28.17</b>
<b><u>Assets</u></b>					
<b>Fixed Assets ( Gross)</b>	31.20	31.20	31.20	31.20	31.20
Gross Dep.	4.62	8.55	11.90	14.75	17.18
<b>Net Fixed Assets</b>	<b>26.58</b>	<b>22.65</b>	<b>19.30</b>	<b>16.45</b>	<b>14.02</b>
<b>Current Assets</b>					
Sundry Debtors	2.83	3.35	3.87	4.45	5.07
Stock in Hand	3.23	3.77	4.34	4.97	5.62
Cash and Bank	2.29	2.29	2.36	2.59	3.46
<b>TOTAL :</b>	<b>34.94</b>	<b>32.06</b>	<b>29.86</b>	<b>28.45</b>	<b>28.17</b>



## 6.4 Projected Cash Flow

(in Lacs)					
<b>PROJECTED CASH FLOW STATEMENT</b>					
<b>PARTICULARS</b>	<b>1st year</b>	<b>2nd year</b>	<b>3rd year</b>	<b>4th year</b>	<b>5th year</b>
<b><u>SOURCES OF FUND</u></b>					
Own Margin	4.48				
Net Profit	2.60	6.36	10.03	14.77	19.94
Depriciation & Exp. W/off	4.62	3.93	3.35	2.85	2.43
Increase in Cash Credit	4.00	-	-	-	-
Increase In Term Loan	17.16	-	-	-	-
Increase in Creditors	0.90	0.16	0.17	0.18	0.20
Increase in Provisions & Oth lib	0.20	0.05	0.05	0.06	0.07
Sunsidy/grant	10.00				
<b>TOTAL :</b>	<b>43.97</b>	<b>10.51</b>	<b>13.60</b>	<b>17.87</b>	<b>22.63</b>
<b><u>APPLICATION OF FUND</u></b>					
Increase in Fixed Assets	31.20				
Increase in Stock	3.23	0.53	0.58	0.62	0.66
Increase in Debtors	2.83	0.52	0.51	0.58	0.62
Repayment of Term Loan	1.91	3.81	3.81	3.81	3.81
Drawings	2.50	5.50	8.00	11.00	14.00
Taxation	-	0.14	0.64	1.61	2.68
<b>TOTAL :</b>	<b>41.67</b>	<b>10.51</b>	<b>13.54</b>	<b>17.63</b>	<b>21.77</b>
Opening Cash & Bank Balance	-	2.29	2.29	2.36	2.59
Add : Surplus	2.29	0.00	0.07	0.24	0.86
Closing Cash & Bank Balance	<b>2.29</b>	<b>2.29</b>	<b>2.36</b>	<b>2.59</b>	<b>3.46</b>

## 6.5 Projected Profitability

<b>(in Lacs)</b>					
<b><u>PROJECTED PROFITABILITY STATEMENT</u></b>					
<b>PARTICULARS</b>	<b>1st year</b>	<b>2nd year</b>	<b>3rd year</b>	<b>4th year</b>	<b>5th year</b>
Capacity Utilization %	<b>45%</b>	<b>50%</b>	<b>55%</b>	<b>60%</b>	<b>65%</b>
<b><u>SALES</u></b>					
<b>Gross Sale</b>					
SOYA CHAAP	106.20	125.79	144.98	166.81	190.08
<b>Total</b>	<b>106.20</b>	<b>125.79</b>	<b>144.98</b>	<b>166.81</b>	<b>190.08</b>
<b><u>COST OF SALES</u></b>					
Raw Material Consumed	54.00	63.60	73.92	84.96	96.72
Electricity Expenses	6.00	6.90	7.94	9.13	10.04
Depreciation	4.62	3.93	3.35	2.85	2.43
Wages & labour	10.80	11.88	13.07	14.37	15.81
Repair & maintenance	3.72	4.40	5.07	5.84	6.65
Packaging	3.19	3.77	4.35	5.00	5.70
Consumables	3.72	4.40	5.07	5.84	6.65
<b>Cost of Production</b>	<b>86.04</b>	<b>98.89</b>	<b>112.77</b>	<b>127.99</b>	<b>144.01</b>
<b>Add: Opening Stock /WIP</b>	<b>-</b>	<b>1.43</b>	<b>1.65</b>	<b>1.88</b>	<b>2.13</b>
<b>Less: Closing Stock /WIP</b>	<b>1.43</b>	<b>1.65</b>	<b>1.88</b>	<b>2.13</b>	<b>2.40</b>
Cost of Sales	84.61	98.68	112.54	127.74	143.74
<b>GROSS PROFIT</b>	<b>21.59</b>	<b>27.11</b>	<b>32.44</b>	<b>39.07</b>	<b>46.34</b>
	<b>20.33%</b>	<b>21.55%</b>	<b>22.38%</b>	<b>23.42%</b>	<b>24.38%</b>
Salary to Staff	7.68	8.45	9.29	10.22	11.24

Interest on Term Loan	1.69	1.49	1.07	0.65	0.23
Interest on working Capital	0.44	0.44	0.44	0.44	0.44
Rent	6.00	6.60	7.26	7.99	8.78
selling & adm exp	3.19	3.77	4.35	5.00	5.70
<b>TOTAL</b>	<b>18.99</b>	<b>20.75</b>	<b>22.41</b>	<b>24.30</b>	<b>26.40</b>
NET PROFIT	2.60	6.36	10.03	14.77	19.94
	<b>2.45%</b>	<b>5.06%</b>	<b>6.92%</b>	<b>8.85%</b>	<b>10.49%</b>
Taxation		0.14	0.64	1.61	2.68
PROFIT (After Tax)	2.60	6.22	9.40	13.16	17.26

## 6.6 Production and Yield

### COMPUTATION OF PRODUCTION OF SOYA CHAAP

#### Items to be Manufactured

SOYA CHAAP

Machine capacity Per Day	800	KG
Total working Hours	10	
working days in a month	25	Days
working days per annum	300	
machine capacity per annum	240000	KG

<b>Production of SOYA CHAAP</b>		
<b>Production</b>	<b>Capacity</b>	<b>KG</b>
1st year	45%	108,000
2nd year	50%	120,000
3rd year	55%	132,000
4th year	60%	144,000
5th year	65%	156,000

<b>Raw Material Cost</b>			
<b>Year</b>	<b>Capacity Utilization</b>	<b>Rate (per KG)</b>	<b>Amount (Rs. in lacs)</b>
1st year	45%	50.00	54.00
2nd year	50%	53.00	63.60
3rd year	55%	56.00	73.92
4th year	60%	59.00	84.96
5th year	65%	62.00	96.72

## **6.7 Sales Revenue**

<b><u>COMPUTATION OF SALE</u></b>					
<b>Particulars</b>	<b>1st year</b>	<b>2nd year</b>	<b>3rd year</b>	<b>4th year</b>	<b>5th year</b>
Op Stock	-	1,800	2,000	2,200	2,400
Production	108,000	120,000	132,000	144,000	156,000
Less : Closing Stock	1,800	2,000	2,200	2,400	2,600
<b>Net Sale</b>	<b>106,200</b>	<b>119,800</b>	<b>131,800</b>	<b>143,800</b>	<b>155,800</b>
sale price per KG	100.00	105.00	110.00	116.00	122.00
<b>Sales (in Lacs)</b>	<b>106.20</b>	<b>125.79</b>	<b>144.98</b>	<b>166.81</b>	<b>190.08</b>

## 6.8 Working Capital Assessment

(in Lacs)					
<b>COMPUTATION OF CLOSING STOCK &amp; WORKING CAPITAL</b>					
<b>PARTICULARS</b>	<b>1st year</b>	<b>2nd year</b>	<b>3rd year</b>	<b>4th year</b>	<b>5th year</b>
<b><u>Finished Goods</u></b>					
	1.43	1.65	1.88	2.13	2.40
<b><u>Raw Material</u></b>					
	1.80	2.12	2.46	2.83	3.22
<b>Closing Stock</b>	<b>3.23</b>	<b>3.77</b>	<b>4.34</b>	<b>4.97</b>	<b>5.62</b>

<b><u>COMPUTATION OF WORKING CAPITAL REQUIREMENT</u></b>					
<b>TRADITIONAL METHOD</b>					
(in Lacs)					
<b>Particulars</b>	<b>Amount</b>	<b>Own Margin</b>		<b>Bank Finance</b>	
Finished Goods & Raw Material	3.23				
Less : Creditors	0.90				
<b>Paid stock</b>	<b>2.33</b>	<b>10%</b>	<b>0.23</b>	<b>90%</b>	<b>2.10</b>
<b>Sundry Debtors</b>	<b>2.83</b>	<b>10%</b>	<b>0.28</b>	<b>90%</b>	<b>2.55</b>
	<b>5.17</b>		<b>0.52</b>		<b>4.65</b>
<b>MPBF</b>					<b>4.65</b>
<b>WORKING CAPITAL LIMIT DEMAND ( from Bank)</b>					<b>4.00</b>
<b>Working Capital Margin</b>					<b>0.44</b>

## 6.9 Power, Salary & Wages Calculation

<b>Utility Charges (per month)</b>		
<b>Particulars</b>	<b>value</b>	<b>Description</b>
Power connection required	20	KWH
consumption per day	200	units
Consumption per month	5,000	units
Rate per Unit	10	Rs.
power Bill per month	50,000	Rs.

<b><u>BREAK UP OF LABOUR CHARGES</u></b>			
<b>Particulars</b>	<b>Wages</b>	<b>No of</b>	<b>Total</b>
	<b>Rs. per Month</b>	<b>Employees</b>	<b>Salary</b>
Skilled (in thousand rupees)	15,000	3	45,000
Unskilled (in thousand rupees)	9,000	5	45,000
<b>Total salary per month</b>			<b>90,000</b>
<b>Total annual labour charges</b>	<b>(in lacs)</b>		<b>10.80</b>

<b><u>BREAK UP OF Staff Salary CHARGES</u></b>			
<b>Particulars</b>	<b>Salary</b>	<b>No of</b>	<b>Total</b>
	<b>Rs. per Month</b>	<b>Employees</b>	<b>Salary</b>
helper	7,000	5	35,000
Driver	12,000	1	12,000
Accountant	17,000	1	17,000
<b>Total salary per month</b>			<b>64,000</b>
<b>Total annual Staff charges</b>	<b>(in lacs)</b>		<b>7.68</b>

## 6.10 Depreciation

(in Lacs)			
<b>COMPUTATION OF DEPRECIATION</b>			
<b>Description</b>	<b>Plant &amp; Machinery</b>	<b>Miss. Assets</b>	<b>TOTAL</b>
Rate of Depreciation	<b>15.00%</b>	<b>10.00%</b>	
<b>Opening Balance</b>	-	-	-
Addition	30.00	1.20	31.20
Total	30.00	1.20	31.20
Less : Depreciation	4.50	0.12	4.62
<b>WDV at end of Year</b>	<b>25.50</b>	<b>1.08</b>	<b>26.58</b>
Additions During The Year	-	-	-
Total	25.50	1.08	26.58
Less : Depreciation	3.83	0.11	3.93
<b>WDV at end of Year</b>	<b>21.68</b>	<b>0.97</b>	<b>22.65</b>
Additions During The Year	-	-	-
Total	21.68	0.97	22.65
Less : Depreciation	3.25	0.10	3.35
<b>WDV at end of Year</b>	<b>18.42</b>	<b>0.87</b>	<b>19.30</b>
Additions During The Year	-	-	-
Total	18.42	0.87	19.30
Less : Depreciation	2.76	0.09	2.85
<b>WDV at end of Year</b>	<b>15.66</b>	<b>0.79</b>	<b>16.45</b>
Additions During The Year	-	-	-
Total	15.66	0.79	16.45
Less : Depreciation	2.35	0.08	2.43
<b>WDV at end of Year</b>	<b>13.31</b>	<b>0.71</b>	<b>14.02</b>

## 6.11 Repayment schedule

REPAYMENT SCHEDULE OF TERM LOAN							
						Interest	11.00%
Year	Particulars	Amount	Addition	Total	Interest	Repayment	Closing Balance
<b>1st</b>	Opening Balance						
	1st month	-	17.16	17.16	-	-	17.16
	2nd month	17.16	-	17.16	0.16	-	17.16
	3rd month	17.16	-	17.16	0.16	-	17.16
	4th month	17.16	-	17.16	0.16		17.16
	5th month	17.16	-	17.16	0.16		17.16
	6th month	17.16	-	17.16	0.16		17.16
	7th month	17.16	-	17.16	0.16	0.32	16.84
	8th month	16.84	-	16.84	0.15	0.32	16.52
	9th month	16.52	-	16.52	0.15	0.32	16.21
	10th month	16.21	-	16.21	0.15	0.32	15.89
	11th month	15.89	-	15.89	0.15	0.32	15.57
	12th month	15.57	-	15.57	0.14	0.32	15.25
					1.69	1.91	
<b>2nd</b>	Opening Balance						
	1st month	15.25	-	15.25	0.14	0.32	14.94
	2nd month	14.94	-	14.94	0.14	0.32	14.62
	3rd month	14.62	-	14.62	0.13	0.32	14.30
	4th month	14.30	-	14.30	0.13	0.32	13.98
	5th month	13.98	-	13.98	0.13	0.32	13.66
	6th month	13.66	-	13.66	0.13	0.32	13.35
	7th month	13.35	-	13.35	0.12	0.32	13.03
	8th month	13.03	-	13.03	0.12	0.32	12.71
	9th month	12.71	-	12.71	0.12	0.32	12.39
	10th month	12.39	-	12.39	0.11	0.32	12.08
	11th month	12.08	-	12.08	0.11	0.32	11.76
	12th month	11.76	-	11.76	0.11	0.32	11.44
					1.49	3.81	
<b>3rd</b>	Opening Balance						
	1st month	11.44	-	11.44	0.10	0.32	11.12
	2nd month	11.12	-	11.12	0.10	0.32	10.80
	3rd month	10.80	-	10.80	0.10	0.32	10.49
	4th month	10.49	-	10.49	0.10	0.32	10.17
	5th month	10.17	-	10.17	0.09	0.32	9.85
	6th month	9.85	-	9.85	0.09	0.32	9.53
	7th month	9.53	-	9.53	0.09	0.32	9.22
	8th month	9.22	-	9.22	0.08	0.32	8.90
	9th month	8.90	-	8.90	0.08	0.32	8.58
	10th month	8.58	-	8.58	0.08	0.32	8.26



	11th month	8.26	-	8.26	0.08	0.32	7.94
	12th month	7.94	-	7.94	0.07	0.32	7.63
					<b>1.07</b>	<b>3.81</b>	
<b>4th</b>	Opening Balance						
	1st month	7.63	-	7.63	0.07	0.32	7.31
	2nd month	7.31	-	7.31	0.07	0.32	6.99
	3rd month	6.99	-	6.99	0.06	0.32	6.67
	4th month	6.67	-	6.67	0.06	0.32	6.36
	5th month	6.36	-	6.36	0.06	0.32	6.04
	6th month	6.04	-	6.04	0.06	0.32	5.72
	7th month	5.72	-	5.72	0.05	0.32	5.40
	8th month	5.40	-	5.40	0.05	0.32	5.08
	9th month	5.08	-	5.08	0.05	0.32	4.77
	10th month	4.77	-	4.77	0.04	0.32	4.45
	11th month	4.45	-	4.45	0.04	0.32	4.13
	12th month	4.13	-	4.13	0.04	0.32	3.81
					<b>0.65</b>	<b>3.81</b>	
<b>5th</b>	Opening Balance						
	1st month	3.81	-	3.81	0.03	0.32	3.50
	2nd month	3.50	-	3.50	0.03	0.32	3.18
	3rd month	3.18	-	3.18	0.03	0.32	2.86
	4th month	2.86	-	2.86	0.03	0.32	2.54
	5th month	2.54	-	2.54	0.02	0.32	2.22
	6th month	2.22	-	2.22	0.02	0.32	1.91
	7th month	1.91	-	1.91	0.02	0.32	1.59
	8th month	1.59	-	1.59	0.01	0.32	1.27
	9th month	1.27	-	1.27	0.01	0.32	0.95
	10th month	0.95	-	0.95	0.01	0.32	0.64
	11th month	0.64	-	0.64	0.01	0.32	0.32
	12th month	0.32	-	0.32	0.00	0.32	-
					<b>0.23</b>	<b>3.81</b>	
	DOOR TO DOOR	60	MONTHS				
	MORATORIUM PERIOD	6	MONTHS				
	REPAYMENT PERIOD	54	MONTHS				

## 6.12 DSCR

<b><u>CALCULATION OF D.S.C.R</u></b>					
<b>PARTICULARS</b>	<b>1st year</b>	<b>2nd year</b>	<b>3rd year</b>	<b>4th year</b>	<b>5th year</b>
CASH ACCRUALS	7.22	10.16	12.75	16.01	19.69
Interest on Term Loan	1.69	1.49	1.07	0.65	0.23
<b>Total</b>	<b>8.91</b>	<b>11.64</b>	<b>13.81</b>	<b>16.66</b>	<b>19.92</b>
<b><u>REPAYMENT</u></b>					
Instalment of Term Loan	1.91	3.81	3.81	3.81	3.81
Interest on Term Loan	1.69	1.49	1.07	0.65	0.23
<b>Total</b>	<b>3.59</b>	<b>5.30</b>	<b>4.88</b>	<b>4.46</b>	<b>4.04</b>
<b>DEBT SERVICE COVERAGE RATIO</b>	<b>2.48</b>	<b>2.20</b>	<b>2.83</b>	<b>3.73</b>	<b>4.93</b>
<b>AVERAGE D.S.C.R.</b>	<b>3.23</b>				

## 6.13 Break Even Point Analysis

<b>BREAK EVEN POINT ANALYSIS</b>					
<b>Year</b>	<b>I</b>	<b>II</b>	<b>III</b>	<b>IV</b>	<b>V</b>
<b>Net Sales &amp; Other Income</b>	106.20	125.79	144.98	166.81	190.08
Less : Op. WIP Goods	-	1.43	1.65	1.88	2.13
Add : Cl. WIP Goods	1.43	1.65	1.88	2.13	2.40
<b>Total Sales</b>	<b>107.63</b>	<b>126.00</b>	<b>145.21</b>	<b>167.06</b>	<b>190.34</b>
<b>Variable &amp; Semi Variable Exp.</b>					
Raw Material Consumed	54.00	63.60	73.92	84.96	96.72
Electricity Exp/Coal Consumption at 85%	5.10	5.87	6.74	7.76	8.53

Wages & Salary at 60%	11.09	12.20	13.42	14.76	16.23
Selling & administrative Expenses 80%	2.55	3.02	3.48	4.00	4.56
Interest on working Capital	0.44	0.44	0.44	0.44	0.44
Repair & maintenance	3.72	4.40	5.07	5.84	6.65
Packaging	3.19	3.77	4.35	5.00	5.70
<b>Consumables</b>	<b>3.72</b>	<b>4.40</b>	<b>5.07</b>	<b>5.84</b>	<b>6.65</b>
<b>Total Variable &amp; Semi Variable Exp</b>	<b>83.80</b>	<b>97.70</b>	<b>112.50</b>	<b>128.60</b>	<b>145.50</b>
<b>Contribution</b>	<b>23.84</b>	<b>28.30</b>	<b>32.71</b>	<b>38.46</b>	<b>44.85</b>
<b>Fixed &amp; Semi Fixed Expenses</b>					
Electricity Exp/Coal Consumption at 15%	0.90	1.04	1.19	1.37	1.51
Wages & Salary at 40%	7.39	8.13	8.94	9.84	10.82
Interest on Term Loan	1.69	1.49	1.07	0.65	0.23
Depreciation	4.62	3.93	3.35	2.85	2.43
Selling & administrative Expenses 20%	0.64	0.75	0.87	1.00	1.14
Rent	6.00	6.60	7.26	7.99	8.78
<b>Total Fixed Expenses</b>	<b>21.24</b>	<b>21.94</b>	<b>22.68</b>	<b>23.69</b>	<b>24.91</b>
<b>Capacity Utilization</b>					
	<b>45%</b>	<b>50%</b>	<b>55%</b>	<b>60%</b>	<b>65%</b>
<b>OPERATING PROFIT</b>	<b>2.60</b>	<b>6.36</b>	<b>10.03</b>	<b>14.77</b>	<b>19.94</b>
<b>BREAK EVEN POINT</b>	<b>40%</b>	<b>39%</b>	<b>38%</b>	<b>37%</b>	<b>36%</b>
<b>BREAK EVEN SALES</b>	<b>95.89</b>	<b>97.67</b>	<b>100.67</b>	<b>102.91</b>	<b>105.72</b>

## **7. LICENSE & APPROVALS**

- Obtain the GST registration.
- Additionally, obtain the Udyog Aadhar registration Number.
- Fire/pollution license as required.
- FSSAI License
- Choice of a Brand Name of the product and secure the name with Trademark if required.

### **Implementation Schedule**

S.N.	Activity	Time Required (in Months)
1	Acquisition Of premises	1-2
2	Procurement & installation of Plant & Machinery	1-2
3	Arrangement of Finance	1-2
4	Requirement of required Manpower	1
	Total time Required (some activities shall run concurrently)	5-6 Months

## **8. ASSUMPTIONS**

1. Production Capacity of Soya Chaap is 800 Kgs per day. First year, Capacity has been taken @ 45%.
2. Working shift of 10 hours per day has been considered.
3. Raw Material stock is for 10 days and finished goods Closing Stock has been taken for 5 days.
4. Credit period to Sundry Debtors has been given for 8 days.
5. Credit period by the Sundry Creditors has been provided for 5 days.
6. Depreciation and Income tax has been taken as per the Income tax Act, 1961.
7. Interest on working Capital Loan and Term loan has been taken at 11%.
8. Salary and wages rates are taken as per the Current Market Scenario.
9. Power Consumption has been taken at 20 KW.
10. Selling Prices & Raw material costing has been increased by 5% & 5% respectively in the subsequent years.

## **Limitations of the Model DPR and Guidelines for Entrepreneurs**

### **Limitations of the Model DPR**

- i. This model DPR has provided only the basic standard components and methodology to be adopted by an entrepreneur while submitting a proposal under the Formalization of Micro Food Processing Enterprises Scheme of MoFPI.
- ii. This is a model DPR made to provide general methodological structure not for specific entrepreneur/crops/location. Therefore, information on the entrepreneur, forms and structure (proprietorship/partnership/cooperative/ FPC/joint stock company) of his business, details of proposed DPR, project location, raw material base/contract sourcing, entrepreneurs own SWOT analysis, detailed market research, rationale of the project for specific location, community advantage/benefit from the project, employment generation and many more detailed aspects not included.
- iii. The present DPR is based on certain assumptions on cost, prices, interest, capacity utilization, output recovery rate and so on. However, these assumptions in reality may vary across places, markets and situations; thus the resultant calculations will also change accordingly.