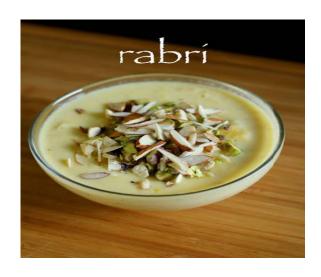


DETAILED PROJECT REPORT RABRI MAKING UNIT UNDER PMFME SCHEME



National Institute of Food Technology Entrepreneurship and Management

Ministry of Food Processing Industries

Plot No.97, Sector-56, HSIIDC, Industrial Estate, Kundli, Sonipat, Haryana-131028

Website: http://www.niftem.ac.in

Email: pmfmecell@niftem.ac.in

Call: 0130-2281089

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1. PROJECT SUMMARY

1. Name of the proposed project	:	Rabri Making Unit
2. Nature of proposed project		Proprietorship/Company/Partnership
3. Proposed project capacity		43200 Kg/annum(60,65,70,75&80% capacity utilization in 1 st to 5 th Year respectively)
4. Raw material	:	Milk, Sugar, Dry Fruits, Ghee & Crushed Paneer.
5. Major product outputs	:	Rabri
6. Total project cost	:	Rs. 20.79 Lakh
Land development, building & Civil Construction	:	Nil
Machinery and equipment's	:	Rs. 12.79 Lakh
Miscellaneous Fixed Assets	:	Rs. 3.00 Lakh
Working capital	:	Rs. 5.00 Lakh
8. Means of Finance		
Subsidy (max 10lakhs)	:	Rs. 5.53 Lakh
Promoter's contribution (min10%)	:	Rs. 2.07 Lakh
Term loan	:	Rs.8.68 Lakh
Working Capital Requirement	:	Rs. 4.50 Lakh
9. Profit after Depreciation, Interest & Tax		
• 1 st year	:	Rs. 1.61 Lakh
• 2 nd year	:	Rs. 3.07 Lakh
• 3 rd year	:	Rs. 4.40 Lakh
• 4 th year	:	Rs. 5.90Lakh
• 5th year	:	Rs. 7.59 Lakh
11. Average DSCR	:	Rs. 3.02
12. Term loan repayment		5 Years with 6 months grace period

2. ABOUT THE PRODUCT

2.1. PRODUCT INTRODUCTION:

Rabri (IAST: Rabaḍī) is a sweet, condensed-milk-based dish, originating from the Indian subcontinent, made by boiling milk on low heat for a long time until it becomes dense and changes its colour to off-white or pale yellow. *Rabri* is made by heating sweetened milk in a large open vessel (*kadhai*). As the layer of cream begins to form on the surface of the milk, it is taken off and kept aside. Rabri is consumed in all parts of India and is consumed by all age groups. Yield of rabri depends on total solids of milk, ratio of concentration of milk and amount of sugar added. In general 25-28 per cent yield can be expected from buffalo milk.

2.2. MARKET POTENTIAL:

Rabri and other sweet products made of milk are consumed everywhere in India. The demand of this product is in rural as well as in urban areas. India is known for its festive and religious occasions throughout the year and the demand of milk products is never ending in India's market. The Indian sweet and candy market is currently valued at around \$664 million, with sugar confectionery holding a 70 percent share (\$461 million), and chocolate confectionery accounting for the remainder (\$203 million). The consumption of sweets made up of milk is highest in Uttar Pradesh and Bihar in India & rabri is one of those products.

2.3. RAW MATERIAL DESCRIPTION:

Raw materials that are required for Rabri making unit are mentioned below:

- Milk
- Sugar
- Dry Fruits
- Ghee
- Crushed Paneer

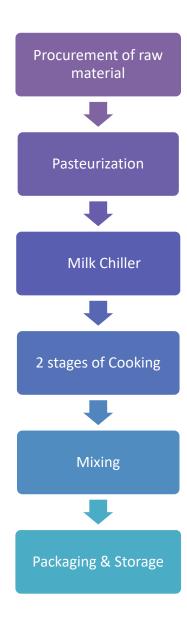
S.N.	Particulars	Rate
1	Milk	35-40/Ltr
2	Sugar	25-30/Kg
3	Dry fruits	600-700/Kg
4	Ghee	250-300/Kg
5	Crushed Paneer	180-200/kg

Average raw material cost per 1 kg Packet of Rabri: Rs. 140-170

3. PROCESS FLOW CHART

The process is explained below:

- Raw materials are procured from vendors & are stored in the manufacturing unit.
- Milk is procured and is collected in Milk Collection Tank.
- After this the collected milk is sent for pasteurizing in milk pasteurizer where microorganisms like bacteria are eliminated.
- After this the Pasteurized milk is sent to milk chiller and stored in storage vessel at low temperature.
- The stored milk is then taken out for further process of Rabri and is transferred to Cooking kettle where other materials like sugar, ghee, dry fruits are added and stirred till the final output is achieved.
- It's cooked in 2 stages in 2 different cooking vessels for better control, over concentration & evaporation rate.
- In second cooking kettle various secondary raw materials like dry fruits & crushed paneer are added
- The final product is packed, weighed and sent for sale in the market.



4. ECONOMICS OF THE PROJECT

4.1. BASIS & PRESUMPTIONS

- 1. Production Capacity of Rabri is 20 kg per hr. First year, Capacity has been taken @ 60%.
- 2. Working shift of 8 hours per day has been considered.
- 3. Raw Material stock is for 2 days and Finished goods Closing Stock has been taken for 5 days.
- 4. Credit period to Sundry Debtors has been given for 20 days.
- 5. Credit period by the Sundry Creditors has been provided for 7 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 12 KW.
- 10. Increase in sales and raw material costing has been taken @ 5% on a yearly basis.

4.2. CAPACITY, UTILIZATION, PRODUCTION & OUTPUT

COMPUTATION OF PRODUCTION OF RABRI						
Items to be Manufactured						
Rabri	Rabri					
Machine capacity Per hour	20	Kg				
Total working Hours	8					
Machine capacity Per Day	160	Kg				
Working days in a month	25	Days				
Working days per annum	300					
Wastage Considered	10%					
Raw material requirement	48000	Kg				
Final Output per annum after wastage 43200 Kg						
Final Product to be packed in 1 kg Packet						
Number of Packets per annum	43200	1 Kg Packet				

Production of Rabri				
Production	Capacity	KG		
1st year	60%	25,920		
2nd year	65%	28,080		
3rd year	70%	30,240		
4th year	75%	32,400		
5th year	80%	34,560		

Raw Material Co	ost		
Year	Capacity	Rate	Amount
	Utilisation	(per Kg)	(Rs. in lacs)
1st year	60%	140.00	40.32
2nd year	65%	147.00	45.86
3rd year	70%	154.00	51.74
4th year	75%	162.00	58.32
5th year	80%	170.00	65.28

COMPUTATION O	F SALE				
Particulars	1st year	2nd year	3rd year	4th year	5th year
Op Stock	-	432	468	504	540
Production	25,920	28,080	30,240	32,400	34,560
Less: Closing Stock	432	468	504	540	576
Net Sale	25,488	28,044	30,204	32,364	34,524
Sale price per packet	280.00	294.00	309.00	324.00	340.00
Sales (in Lacs)	71.37	82.45	93.33	104.86	117.38

4.3. PREMISES/INFRASTRUCTURE

The approximate total area required for complete factory setup is 2000-2500 Sq. ft. for smooth production including storage area. It is expected that the premises will be on rental.

4.4. MACHINERY & EQUIPMENTS

Machine Name	Description	Machine Image
Milk Pasteurizer	There are two distinct purposes for the process of milk pasteurization: Public Health Aspect - to make milk and milk products safe for human consumption by destroying all bacteria that may be harmful to health (pathogens) Keeping Quality Aspect - to improve the keeping quality of milk and milk products.	
Dairy Freezer	Dairy Freezer is used to maintain the given product at required temperature.	
Milk Reception System	It is a system composed of suction pump, storage tanks, cooling system and vessels to receive milk quickly & efficiently.	

Milk Chiller	It's a device which is used to cool milk to the required temperature by either generating appropriate refrigeration effect or utilizes externally generated refrigeration effect in case of large systems.	
Milk Storage Tank	The milk storage tank is ideal for cooling and holding milk at a cold temperature until it's futher processed. The machine is made of stainless steel and used to store the raw milk in good condition. The milk storage tank is specifically selected based on the needs and requirements of each individual customer.	
Boiler	Boilers are used to produce steam. The generation part of a steam system uses a boiler to add energy to a feedwater supply to generate steam.	
Cooking Kettle with Stirrer	It's a machine which is composed of a simple kettle in which given product is heated either by electrical heaters or heating medium from external source, while the stirrer is provided to ensure uniform heating without burning the product.	

Ribbon Blender	It's a mixer class machine which is designed to mix loose solid material with each other.	
Material	These Equipments are used for	₩
handling and	material handling. Other	
other	equipments like water pumps,	***
Equipments	conveyors, weighing machine, etc	0000
	are also used.	

Machine	Unit	Rate	Price
Milk Pasteurizer	1	125000	125000
Dairy Freezer	1	120000	120000
Milk Reception System	2	45000	90000
Milk Chiller	2	42000	84000
Milk Storage Tank (Capacity- 100-200 Ltr.)	2	40000	80000
Boiler (Capacity- 500 Ltr.)	1	165000	165000
Cooking Kettle with Stirrer	2	90000	180000
Ribbon Blender	1	95000	95000
Material handling and other equipments	-	340000	340000
(Bins, trolley, conveyor, silos, weighing			
machine, etc.)			

Note: Total Machinery cost shall be Rs12.79 lakh including equipment's but excluding GST and Transportation Cost.

4.5. MISCELLANEOUS FIXED ASSETS

- Water Supply Arrangements
- Furniture & Fixtures
- Computers & Printers

4.6. TOTAL COST OF PROJECT

COST OF PE	ROJECT
	(in Lacs)
PARTICULARS	Amount
Land & Building Plant & Machinery	Owned/Rented 12.79
Miscellaneous Assets Working capital	3.00 5.00
Total	20.79

4.7. MEANS OF FINANCE

MEANS OF FINANCE				
PARTICULARS	AMOUNT			
Own Contribution (min 10%)	2.07			
Subsidy @35%(Max. Rs 10 Lac)	5.53			
Term Loan @ 55%	8.68			
Working Capital (Bank Finance)	4.50			
Total	20.79			

4.8. TERM LOAN: Term loan of Rs. 8.68 Lakh is required for project cost of Rs. 20.79 Lakh

4.9. TERM LOAN REPAYMENT& INTEREST SCHEDULE

	REPAYMENT SCHEDULE OF TERM LOAN							
						Interest	11.00%	
Year	Particulars	Amount	Addition	Total	Interest	Repayment	Closing Balance	
1st	Opening Balance							
	1st month	-	8.68	8.68	-	-	8.68	
	2nd month	8.68	-	8.68	0.08	-	8.68	
	3rd month	8.68	-	8.68	0.08	-	8.68	
	4th month	8.68	-	8.68	0.08		8.68	
	5th month	8.68	-	8.68	0.08		8.68	
	6th month	8.68	-	8.68	0.08		8.68	
	7th month	8.68	-	8.68	0.08	0.16	8.52	
	8th month	8.52	-	8.52	0.08	0.16	8.36	
	9th month	8.36	-	8.36	0.08	0.16	8.20	
	10th month	8.20	-	8.20	0.08	0.16	8.04	
	11th month	8.04	-	8.04	0.07	0.16	7.88	
	12th month	7.88	-	7.88	0.07	0.16	7.72	
					0.85	0.96		
2nd	Opening Balance							
	1st month	7.72	-	7.72	0.07	0.16	7.56	
	2nd month	7.56	-	7.56	0.07	0.16	7.40	
	3rd month	7.40	-	7.40	0.07	0.16	7.24	

	4th month	7.24	-	7.24	0.07	0.16	7.08
	5th month	7.08	-	7.08	0.06	0.16	6.92
	6th month	6.92	-	6.92	0.06	0.16	6.75
	7th month	6.75	-	6.75	0.06	0.16	6.59
	8th month	6.59	-	6.59	0.06	0.16	6.43
	9th month	6.43	-	6.43	0.06	0.16	6.27
	10th month	6.27	-	6.27	0.06	0.16	6.11
	11th month	6.11	-	6.11	0.06	0.16	5.95
	12th month	5.95	-	5.95	0.05	0.16	5.79
					0.75	1.93	
3rd	Opening Balance						
	1st month	5.79	-	5.79	0.05	0.16	5.63
	2nd month	5.63	-	5.63	0.05	0.16	5.47
	3rd month	5.47	-	5.47	0.05	0.16	5.31
	4th month	5.31	-	5.31	0.05	0.16	5.15
	5th month	5.15	-	5.15	0.05	0.16	4.99
	6th month	4.99	-	4.99	0.05	0.16	4.82
	7th month	4.82	-	4.82	0.04	0.16	4.66
	8th month	4.66	-	4.66	0.04	0.16	4.50
	9th month	4.50	-	4.50	0.04	0.16	4.34
	10th month	4.34	-	4.34	0.04	0.16	4.18
	11th month	4.18	-	4.18	0.04	0.16	4.02
	12th month	4.02	-	4.02	0.04	0.16	3.86
					0.54	1.93	

4th	Opening Balance						
	1st month	3.86	-	3.86	0.04	0.16	3.70
	2nd month	3.70	-	3.70	0.03	0.16	3.54
	3rd month	3.54	-	3.54	0.03	0.16	3.38
	4th month	3.38	-	3.38	0.03	0.16	3.22
	5th month	3.22	-	3.22	0.03	0.16	3.06
	6th month	3.06	-	3.06	0.03	0.16	2.89
	7th month	2.89	-	2.89	0.03	0.16	2.73
	8th month	2.73	-	2.73	0.03	0.16	2.57
	9th month	2.57	-	2.57	0.02	0.16	2.41
	10th month	2.41	-	2.41	0.02	0.16	2.25
	11th month	2.25	-	2.25	0.02	0.16	2.09
					0.00	0.46	4 00
	12th month	2.09	-	2.09	0.02	0.16	1.93
		2.09	-	2.09	0.02 0.33	0.16 1.93	1.93
5th	12th month Opening Balance	2.09	-	2.09			1.93
5th		1.93	-	1.93			1.77
5th	Opening Balance		- - -		0.33	1.93	
5th	Opening Balance 1st month	1.93		1.93	0.02	0.16	1.77
5th	Opening Balance 1st month 2nd month	1.93 1.77		1.93 1.77	0.33 0.02 0.02	0.16 0.16	1.77
5th	Opening Balance 1st month 2nd month 3rd month	1.93 1.77 1.61	-	1.93 1.77 1.61	0.02 0.02 0.01	0.16 0.16 0.16	1.77 1.61 1.45
5th	Opening Balance 1st month 2nd month 3rd month 4th month	1.93 1.77 1.61 1.45	- - -	1.93 1.77 1.61 1.45	0.33 0.02 0.02 0.01 0.01	0.16 0.16 0.16 0.16	1.77 1.61 1.45 1.29
5th	Opening Balance 1st month 2nd month 3rd month 4th month 5th month	1.93 1.77 1.61 1.45 1.29	- - -	1.93 1.77 1.61 1.45 1.29	0.02 0.02 0.01 0.01 0.01	0.16 0.16 0.16 0.16 0.16	1.77 1.61 1.45 1.29 1.13
5th	Opening Balance 1st month 2nd month 3rd month 4th month 5th month 6th month	1.93 1.77 1.61 1.45 1.29 1.13	- - - -	1.93 1.77 1.61 1.45 1.29 1.13	0.02 0.02 0.01 0.01 0.01	0.16 0.16 0.16 0.16 0.16 0.16	1.77 1.61 1.45 1.29 1.13 0.96
5th	Opening Balance 1st month 2nd month 3rd month 4th month 5th month 6th month 7th month	1.93 1.77 1.61 1.45 1.29 1.13 0.96	- - - -	1.93 1.77 1.61 1.45 1.29 1.13 0.96	0.02 0.02 0.01 0.01 0.01 0.01 0.01	0.16 0.16 0.16 0.16 0.16 0.16 0.16	1.77 1.61 1.45 1.29 1.13 0.96 0.80

			0.48			
11th month	0.32	-	0.32	0.00	0.16	0.16
12th month	0.16	-	0.16	0.00	0.16	-
				0.11	1.93	
DOOR TO DOOR	60	MONTHS				
MORATORIUM						
PERIOD	6	MONTHS				
REPAYMENT PERIOD	54	MONTHS				

4.10. WORKING CAPITAL CALCULATIONS

COMPUTATION OF CLOSING STOCK & WORKING CAPITAL									
PARTICULARS	1st year	2nd year	3rd year	4th year	5th year				
Finished Goods	Finished Goods								
	0.99	1.11	1.24	1.38	1.53				
Raw Material									
	0.27	0.31	0.34	0.39	0.44				
Closing Stock	1.26	1.41	1.58	1.77	1.97				

COMPUTATION OF WORKING CAPITAL REQUIREMENT						
TRADITIONAL METHOD				(i	n Lacs)	
Particulars	Amount	Own Ma	rgin	Bank Finar	ice	
Finished Goods & Raw Material	1.26					
Less: Creditors	0.94					
Paid stock	0.32	10%	0.03	90%	0.29	
Sundry Debtors	4.76	10%	0.48	90%	4.28	
	5.08		0.51		4.57	
MPBF					4.57	
WORKING CAPITAL LIMIT DEMAND (from Bank)						
Working Capital Margin					0.50	

4.11. SALARY & WAGES

Particulars	Wages	No of	Total
	Rs. per Month	Employees	Salary
Plant Operator	15,000	2	30,000
Supervisor	18,000	1	18,000
Skilled (in thousand rupees)	12,000	2	24,000
Unskilled (in thousand rupees)	7,000	2	14,000
Total salary per month			86,000
Total annual labour charges	(in lacs)		10.32

Particulars	Salary	No of	Total
	Rs. per Month	Employees	Salary
Administrative Staff	8,000	1	8,000
Manager	18,000	1	18,000
Accountant	15,000	1	15,000
Total salary per month			41,000
Total annual Staff charges	(in lacs)		4.92

4.12 POWER REQUIREMENT

Utility Charges (per month)					
Particulars	value	Description			
Power connection required		12 KWH			
consumption per day		96 units			
Consumption per month	2,4	400 units			
Rate per Unit		10 Rs.			
power Bill per month	24,0	00 Rs.			

4.13. DEPRECIATION CALCULATION

COMPUTATION OF DEPRI	ECIATION		(in Lacs)
Description	Plant & Machinery	Miss. Assets	TOTAL
Rate of Depreciation	15.00%	10.00%	
Opening Balance	-	-	-
Addition	12.79	3.00	15.79
Total	12.79	3.00	15.79
Less : Depreciation	1.92	0.30	2.22
WDV at end of Year	10.87	2.70	13.57
Additions During The Year	-	-	1
Total	10.87	2.70	13.57
Less : Depreciation	1.63	0.27	1.90
WDV at end of Year	9.24	2.43	11.67
Additions During The Year	-	-	-
Total	9.24	2.43	11.67
Less : Depreciation	1.39	0.24	1.63
WDV at end of Year	7.85	2.19	10.04
Additions During The Year	-	-	-
Total	7.85	2.19	10.04
Less: Depreciation	1.18	0.22	1.40
WDV at end of Year	6.68	1.97	8.64
Additions During The Year	-	-	-
Total	6.68	1.97	8.64
Less: Depreciation	1.00	0.20	1.20
WDV at end of Year	5.67	1.77	7.45

4.14. REPAIR & MAINTENANCE: Repair & Maintenance is 3.0% of Gross Sale.

4.15. PROJECTIONS OF PROFITABILITY ANALYSIS

PROJECTED PROFITABILITY STATEMENT					
PARTICULARS	1st year	2nd year	3rd year	4th year	5th year
Capacity Utilisation %	60%	65%		75%	80%
SALES					
Gross Sale					
Rabri	71.37	82.45	93.33	104.86	117.38
Total	71.37	82.45	93.33	104.86	117.38
COST OF SALES					
Raw Material Consumed	40.32	45.86	51.74	58.32	65.28
Electricity Expenses	2.88	3.31	3.81	4.38	4.82
Depreciation	2.22	1.90	1.63	1.40	1.20
Wages & labour	10.32	11.35	12.49	13.74	14.83
Repair & maintenance	2.14	2.47	2.80	3.15	3.52
Packaging	1.57	1.65	1.87	2.10	2.35
Cost of Production	59.45	66.55	74.34	83.08	92.00
Add: Opening Stock /WIP	-	0.99	1.11	1.24	1.38
Less: Closing Stock/WIP	0.99	1.11	1.24	1.38	1.53
Cost of Sales	58.46	66.43	74.21	82.93	91.85
GROSS PROFIT	12.91	16.02	19.12	21.93	25.53
	18.09%	19.43%	20.49%	20.91%	21.75%
Salary to Staff	4.92	5.81	7.20	7.85	8.79
Interest on Term Loan	0.85	0.75	0.54	0.33	0.11
Interest on working Capital	0.50	0.50	0.50	0.50	0.50
Rent	3.60	3.96	4.36	4.79	5.27
selling & adm exp	1.43	1.94	2.14	2.19	2.47
TOTAL	11.30	12.95	14.73	15.65	17.13
NET PROFIT	1.61	3.07	4.40	6.28	8.40
	2.26%	3.72%	4.71%	5.99%	7.15%
Taxation	-	-	-	0.38	0.80
PROFIT (After Tax)	1.61	3.07	4.40	5.90	7.59

4.16. BREAK EVEN POINT ANALYSIS

BREAK EVEN POINT ANALYSIS					
Year	I	II	III	IV	V
Net Sales & Other Income	71.37	82.45	93.33	104.86	117.38
Less: Op. WIP Goods	-	0.99	1.11	1.24	1.38
Add : Cl. WIP Goods	0.99	1.11	1.24	1.38	1.53
Total Sales	72.36	82.57	93.46	105.01	117.53
Variable & Semi Variable Exp.					
Raw Material Consumed	40.32	45.86	51.74	58.32	65.28
Electricity Exp/Coal Consumption at 85%	2.45	2.82	3.24	3.72	4.10
Wages & Salary at 60%	9.14	10.29	11.81	12.95	14.17
Selling & adminstrative Expenses 80%	1.14	1.55	1.71	1.75	1.97
Interest on working Capital	0.495	0.495	0.495	0.495	0.495
Repair & maintenance	2.14	2.47	2.80	3.15	3.52
Packaging	1.57	1.65	1.87	2.10	2.35
Total Variable & Semi Variable Exp	57.26	65.14	73.66	82.48	91.89
Contribution	15.10	17.43	19.80	22.52	25.64
Fixed & Semi Fixed Expenses					
Electricity Exp/Coal Consumption at 15%	0.43	0.50	0.57	0.66	0.72
Wages & Salary at 40%	6.10	6.86	7.87	8.63	9.45
Interest on Term Loan	0.85	0.75	0.54	0.33	0.11
Depreciation	2.22	1.90	1.63	1.40	1.20
Selling & adminstrative Expenses 20%	0.29	0.39	0.43	0.44	0.49
Rent	3.60	3.96	4.36	4.79	5.27
Total Fixed Expenses	13.49	14.36	15.40	16.24	17.25
Capacity Utilization	60%	65%	70%	75%	80%
OPERATING PROFIT	1.61	3.07	4.40	6.28	8.40
BREAK EVEN POINT	54%	54%	54%	54%	54%
BREAK EVEN SALES	64.63	68.04	72.70	75.74	79.05

4.17. PROJECTED BALANCE SHEET

PROJECTED BALANCE SH	<u>EET</u>				(in Lacs)
PARTICULARS	1st year	2nd year	3rd year	4th year	5th year
<u>Liabilities</u>	-	-	-	-	-
Capital					
opening balance		7.71	8.77	10.17	11.57
Add:- Own Capital	2.07				
Add:- Retained Profit	1.61	3.07	4.40	5.90	7.59
Less:- Drawings	1.50	2.00	3.00	4.50	6.00
Subsidy/grant	5.53				
Closing Balance	7.71	8.77	10.17	11.57	13.16
Term Loan	7.72	5.79	3.86	1.93	-
Working Capital Limit	4.50	4.50	4.50	4.50	4.50
Sundry Creditors	0.94	1.07	1.21	1.36	1.52
Provisions & Other Liab	0.40	0.50	0.60	0.72	0.86
TOTAL:	21.27	20.63	20.34	20.08	20.05
Assets					
Fixed Assets (Gross)	15.79	15.79	15.79	15.79	15.79
Gross Dep.	2.22	4.12	5.75	7.15	8.34
Net Fixed Assets	13.57	11.67	10.04	8.64	7.45
Current Assets					
Sundry Debtors	4.76	5.50	6.22	6.99	7.83
Stock in Hand	1.26	1.41	1.58	1.77	1.97
Cash and Bank	1.68	2.05	2.49	2.67	2.81
TOTAL:	21.27	20.63	20.34	20.08	20.05

4.18. CASH FLOW STATEMENT

PROJECTED CASH FLOW ST	ATEMENT	•			(in Lacs)
PARTICULARS	1st year	2nd year	3rd year	4th year	5th year
SOURCES OF FUND			<u> </u>	<u> </u>	·
Own Margin	2.07				
Net Profit	1.61	3.07	4.40	6.28	8.40
Depriciation & Exp. W/off	2.22	1.90	1.63	1.40	1.20
Increase in Cash Credit	4.50	-	-	-	-
Increase In Term Loan	8.68	-	-	-	-
Increase in Creditors	0.94	0.13	0.14	0.15	0.16
Increase in Provisions & Oth lib	0.40	0.10	0.10	0.12	0.14
Sunsidy/grant	5.53				
TOTAL:	25.95	5.20	6.26	7.95	9.90
APPLICATION OF FUND					
Increase in Fixed Assets	15.79				
Increase in Stock	1.26	0.16	0.17	0.19	0.20
Increase in Debtors	4.76	0.74	0.73	0.77	0.83
Repayment of Term Loan	0.96	1.93	1.93	1.93	1.93
Drawings	1.50	2.00	3.00	4.50	6.00
Taxation	-	-	-	0.38	0.80
TOTAL:	24.27	4.82	5.82	7.77	9.76
Opening Cash & Bank Balance	-	1.68	2.05	2.49	2.67
Add : Surplus	1.68	0.37	0.44	0.18	0.14
Closing Cash & Bank Balance	1.68	2.05	2.49	2.67	2.81

4.19. DEBT SERVICE COVERAGE RATIO

CALCULATION OF D.S.C.R					
PARTICULARS	1st year	2nd year	3rd year	4th year	5th year
CASH ACCRUALS	3.83	4.97	6.03	7.29	8.79
Interest on Term Loan	0.85	0.75	0.54	0.33	0.11
Total	4.68	5.72	6.57	7.62	8.90
REPAYMENT					
Instalment of Term Loan	0.96	1.93	1.93	1.93	1.93
Interest on Term Loan	0.85	0.75	0.54	0.33	0.11
Total	1.82	2.68	2.47	2.26	2.04
DEBT SERVICE COVERAGE RATIO	2.58	2.13	2.66	3.38	4.35
AVERAGE D.S.C.R.					3.02