

Pharmaceutical Manufacturing Unit (Beta-lactum and Non-Beta lactum)

Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasibility Study, Investment Opportunities, Cost and Revenue, Plant Economics, Production Schedule, Working Capital Requirement, Plant Layout, Process Flow Sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis



Introduction

Pharmaceutical formulation, in pharmaceuticals, is the process in which different chemical substances, including the active drug, are combined to produce a final medicinal product. The word formulation is often used in a way that includes dosage form.



Beta-lactam antibiotics, including penicillins and the non-penicillin classes, share a basic chemical structure that includes a three-carbon, one-nitrogen cyclic amine structure known as the beta-lactam ring. The side chain associated with the beta-lactam ring is a variable group attached to the core structure by a peptide bond; the side chain variability contributes to antibacterial activity.

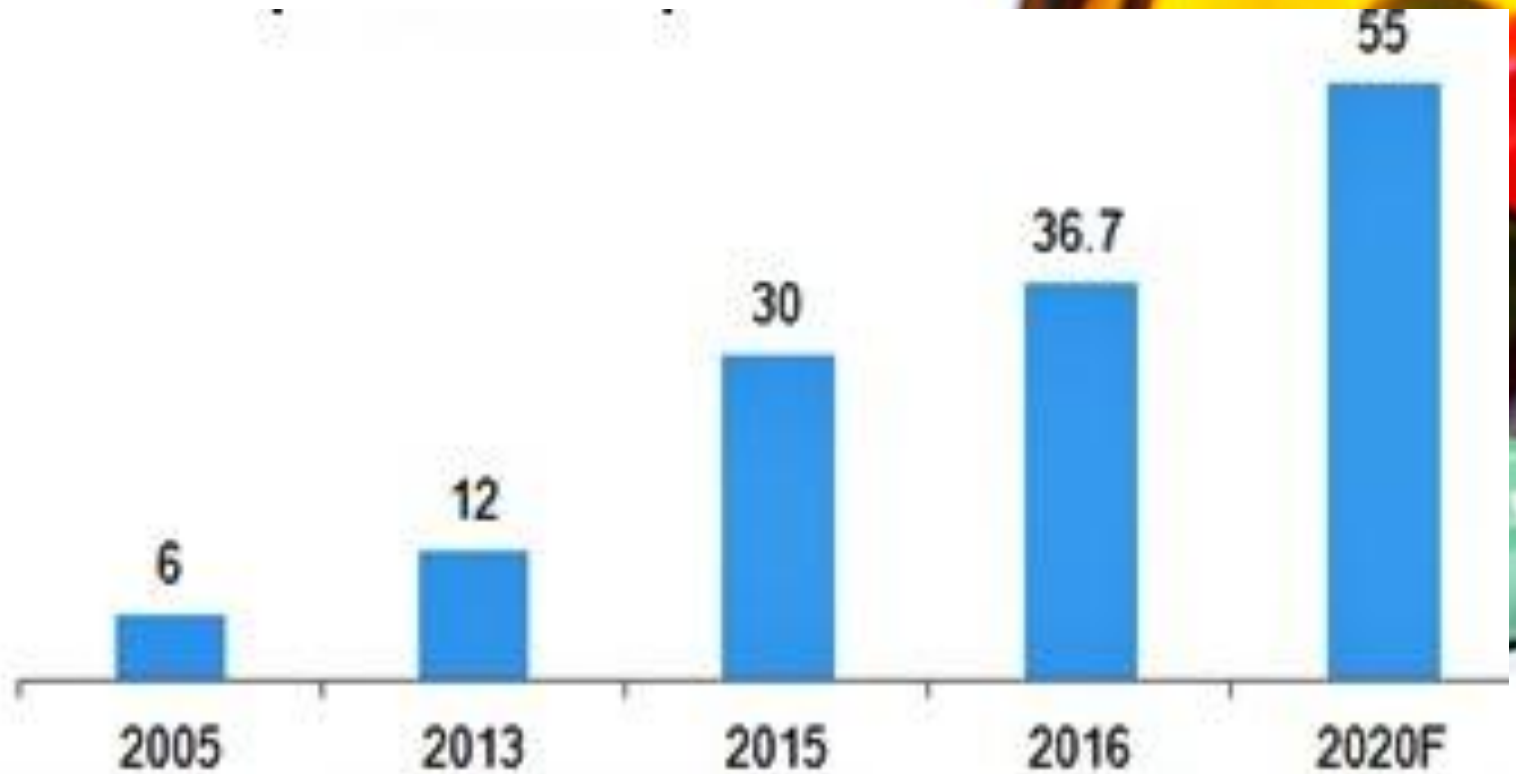
Various industry reports suggest that the pharmaceutical sector in India has been growing consistently at the rate of 13-14 % every year. India enjoys an important position in the global pharmaceuticals sector. The country also has a large pool of scientists and engineers who have the potential to steer the industry ahead to an even higher level. As a whole it is a good project for new entrepreneurs to invest.

Market Outlook

The Indian pharmaceuticals market increased at a CAGR of 17.46 per cent during 2005-16 with the market increasing from US\$ 6 billion in 2005 to US\$ 36.7 billion in 2016 and is expected to expand at a CAGR of 15.92 per cent to US\$ 55 billion by 2020.



Revenue of Indian Pharmaceutical Sector (US \$ Billion)



India is the largest provider of generic drugs globally with the Indian generics accounting for 20 per cent of global exports in terms of volume. Of late, consolidation has become an important characteristic of the Indian pharmaceutical market as the industry is highly fragmented.



India enjoys an important position in the global pharmaceuticals sector. The Indian pharma industry, which is expected to grow over 15 per cent per annum between 2015 and 2020, will outperform the global pharma industry, which is set to grow at an annual rate of 5 per cent between the same periods. The market is expected to grow to US\$ 55 billion by 2020, thereby emerging as the sixth largest pharmaceutical market globally by absolute size.

Indian pharmaceutical sector accounts for about 2.4 per cent of the global pharmaceutical industry in value terms and 10 per cent in volume terms.

The Indian pharmaceutical market size is expected to grow to US\$ 100 billion by 2025, driven by increasing consumer spending, rapid urbanisation, and raising healthcare insurance among others.

Few Indian Major Players are as under

- Aurobindo Pharma Ltd.
- Arbro Pharmaceuticals Pvt. Ltd.
- Bafna Pharmaceuticals Ltd.
- Fermenta Biotech Ltd.
- Nitin Lifesciences Ltd.
- Shreya Life Sciences Pvt. Ltd.
- Taj Pharmaceuticals Ltd.

Project at a Glance

COST OF PROJECT				MEANS OF FINANCE			
Particulars	Existing	Proposed	Total	Particulars	Existing	Proposed	Total
Land & Site Development Exp.	0.00	70.00	70.00	Capital	0.00	363.05	363.05
Buildings	0.00	63.25	63.25	Share Premium	0.00	0.00	0.00
Plant & Machineries	0.00	103.50	103.50	Other Type Share Capital	0.00	0.00	0.00
Motor Vehicles	0.00	6.00	6.00	Reserves & Surplus	0.00	0.00	0.00
Office Automation Equipments	0.00	39.00	39.00	Cash Subsidy	0.00	0.00	0.00
Technical Knowhow Fees & Exp.	0.00	10.00	10.00	Internal Cash Accruals	0.00	0.00	0.00
Franchise & Other Deposits	0.00	0.00	0.00	Long/Medium Term Borrowings	0.00	1089.14	1089.14
Preliminary & Pre-operative Exp	0.00	2.00	2.00	Debentures / Bonds Unsecured	0.00	0.00	0.00
Provision for Contingencies	0.00	16.00	16.00	Loans/Deposits	0.00	0.00	0.00
Margin Money - Working Capital	0.00	1142.44	1142.44				
TOTAL	0.00	1452.19	1452.19	TOTAL	0.00	1452.19	1452.19

Project at a Glance

Year	Annualised		Book Value	Debt	Divide nd	Retained Earnings		Payou t	Probab le Market Price	P/E Ratio	Yield Price/ Book Value
	EPS	CEPS	Per Share		Per Share	Per Share				No.of Times	
						%		%			%
1-2	7.42	8.24	17.42	24.00	0.00	100.00	7.42	0.00	7.42	1.00	0.00
2-3	10.06	10.77	27.48	18.00	0.00	100.00	10.06	0.00	10.06	1.00	0.00
3-4	12.64	13.26	40.13	12.00	0.00	100.00	12.64	0.00	12.64	1.00	0.00
4-5	15.14	15.69	55.27	6.00	0.00	100.00	15.14	0.00	15.14	1.00	0.00
5-6	17.56	18.03	72.83	0.00	0.00	100.00	17.56	0.00	17.56	1.00	0.00

Project at a Glance

Year	D. S. C. R.			Debt / - Depos its Debt	Equity as- Equity	Total Net Worth	Retur n on Net Worth	Profitability Ratio					Assets Turnov er Ratio	Curre nt Ratio
	Individ ual	Cumul ative	Overa ll					GPM	PBT	PAT	Net Contri bution	P/V Ratio		
	(Number of times)			(Number of times)	%	%	%	%	%	%	%			
Initial				3.00	3.00									
1-2	1.24	1.24		1.38	1.38	5.06		37.00 %	16.83%	10.81 %	4618. 93	185.28 %	0.65	1.39
2-3	1.55	1.39		0.65	0.65	3.38		38.21 %	19.72%	12.56 %	2123. 99	73.03 %	0.67	1.40
3-4	1.92	1.55	1.91	0.30	0.30	2.43		38.99 %	21.76%	13.81 %	2349. 68	70.69 %	0.67	1.43
4-5	2.35	1.73		0.11	0.11	1.85		39.47 %	23.22%	14.70 %	2575. 37	68.87 %	0.65	1.48
5-6	2.87	1.91		0.00	0.00	1.47		39.74 %	24.25%	15.34 %	2801. 07	67.41 %	0.64	1.63

Project at a Glance

BEP

BEP - Maximum Utilisation Year	5
Cash BEP (% of Installed Capacity)	43.98%
Total BEP (% of Installed Capacity)	44.60%
IRR, PAYBACK and FACR	
Internal Rate of Return .. (In %age)	33.10%
Payback Period of the Project is (In Years)	2 Years 4 Months
Fixed Assets Coverage Ratio (No. of times)	20.967

Major Queries/Questions Answered in the Report?

- 1. What is Pharmaceutical(Beta-Lactam and Non-Beta Lactam) Manufacturing industry ?**
- 2. How has the Pharmaceutical(Beta-Lactam and Non-Beta Lactam) Manufacturing industry performed so far and how will it perform in the coming years ?**
- 3. What is the Project Feasibility of Pharmaceutical(Beta-Lactam and Non-Beta Lactam) Manufacturing Plant ?**
- 4. What are the requirements of Working Capital for setting up Pharmaceutical(Beta-Lactam and Non-Beta Lactam) Manufacturing plant ?**

- 5. What is the structure of the Pharmaceutical(Beta-Lactam and Non-Beta Lactam) Manufacturing Business and who are the key/major players ?**
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- 7. What are the operating costs for setting up Pharmaceutical(Beta-Lactam and Non-Beta Lactam) Manufacturing plant ?**
- 8. What are the machinery and equipment requirements for setting up Pharmaceutical(Beta-Lactam and Non-Beta Lactam) Manufacturing plant ?**

- 9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up Pharmaceutical(Beta-Lactam and Non-Beta Lactam) Manufacturing plant ?**
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Reasons for buying our report:

- **This report helps you to identify a profitable project for investing or diversifying into by throwing light to crucial areas like industry size, market potential of the product and reasons for investing in the product**
- **This report provides vital information on the product like it's characteristics and segmentation**
- **This report helps you market and place the product correctly by identifying the target customer group of the product**

- **This report helps you understand the viability of the project by disclosing details like machinery required, project costs and snapshot of other project financials**
- **The report provides a glimpse of government regulations applicable on the industry**
- **The report provides forecasts of key parameters which helps to anticipate the industry performance and make sound business decisions**



Our Approach:

- **Our research reports broadly cover Indian markets, present analysis, outlook and forecast for a period of five years.**
- **The market forecasts are developed on the basis of secondary research and are cross-validated through interactions with the industry players**
- **We use reliable sources of information and databases. And information from such sources is processed by us and included in the report**

Scope of the Report

The report titled “Market Survey cum Detailed Techno Economic Feasibility Report on Pharmaceutical(Beta-Lactam and Non-Beta Lactam)” provides an insight into the Pharmaceutical(Beta-Lactam and Non-Beta Lactam) market in India with focus on uses and applications, Manufacturing Process, Process Flow Sheets, Plant Layout and Project Financials of Pharmaceutical(Beta-Lactam and Non-Beta Lactam) project. The report assesses the market sizing and growth of the Indian Pharmaceutical(Beta-Lactam and Non-Beta Lactam) Industry. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line. And before diversifying/venturing into any product, they wish to study the following aspects of the identified product:

- **Good Present/Future Demand**
- **Export-Import Market Potential**
- **Raw Material & Manpower Availability**
- **Project Costs and Payback Period**

We at NPCCS, through our reliable expertise in the project consultancy and market research field, have demystified the situation by putting forward the emerging business opportunity in the Pharmaceutical(Beta-Lactam and Non-Beta Lactam) sector in India along with its business prospects. Through this report we have identified Pharmaceutical(Beta-Lactam and Non-Beta Lactam) project as a lucrative investment avenue.

Pharma Manufacturing, Pharmaceutical Manufacturing Plant, How to Start Pharmaceutical Manufacturing, Pharmaceutical Manufacturing, How to Start Pharmaceutical Manufacturing Unit in India, Pharmaceutical Manufacturing Business, Pharmaceuticals Manufacturing Industry, Pharmaceutical Manufacturing Unit, Manufacturing of Pharmaceutical, Pharma Manufacturing Unit, Pharmaceutical Industry, Pharmaceutical Production, Pharmaceutical Manufacturing Business Opportunities, Pharmaceutical Production Units, Pharmaceutical Plant, Pharmaceutical Manufacture, Pharmaceutical(Betalactum and Non Betalactum) Manufacturing Equipment, Pharmaceutical Formulation, Pharmaceutical Manufacturing Process, Manufacturing Process of Pharmaceutical, Production of Pharmaceutical(Betalactum and Non Betalactum), Manufacturing Unit of Pharmaceutical, Large Scale Pharmaceutical Manufacturing, Production Plant of Pharmaceutical, Guidelines for Pharmaceutical Production Plants, Method for Manufacturing Pharmaceutical, Process of Manufacturing of Pharmaceutical, Drugs Manufacturing, Production Process of Pharmaceutical, Methods for Manufacture of Pharmaceutical, Pharmaceutical Manufacturing and Process, Pharmaceutical Manufacturing Guide, Production Planning of Pharmaceutical, Pharmaceutical Manufacturing Plan, How to Start Pharmaceutical (Betalactum and Non Betalactum) Manufacturing Business,

Starting Pharmaceutical Manufacturing Business, Pharma Industry in India, Business Planning in Pharmaceuticals, Business Plan for Pharmaceutical Manufacturing Plant, Pharmaceutical(Betalactum and Non Betalactum) Manufacturing Business Plan, Pharmaceutical Manufacturing Line, Project Profile on Pharmaceutical Manufacturing, Opportunities in Pharmaceutical Manufacturing, Manufacturing Process of Drugs, Production of Drugs, Beta-Lactam Production, Industrial Production of Beta-Lactam, Beta-Lactam Manufacturing Plant, Manufacturing Unit of Beta-Lactam, How to Start Beta-Lactam Manufacturing Unit, Manufacturing of Non-Betalactum, Non-Betalactum Production, Manufacturing Process of Non-Betalactum, Production of Non-Betalactum, Pharmaceutical Manufacturing Project Ideas, Projects on Small Scale Industries, Small Scale Industries Projects Ideas, Pharmaceutical Manufacturing Based Small Scale Industries Projects, Project Profile on Small Scale Industries, How to Start Pharmaceutical(Beta-lactum and Non-Betalactum) Manufacturing Industry in India, Pharmaceutical Manufacturing Projects, New Project Profile on Pharmaceutical Manufacturing Industries, Project Report on Pharmaceutical(Beta-lactum and Non-Betalactum) Manufacturing Industry, Detailed Project Report on Pharmaceutical(Beta-lactum and Non-Betalactum) Manufacturing, Project Report on Pharmaceutical Production, Pre-Investment Feasibility Study on Pharmaceutical Manufacturing,

Techno-Economic Feasibility Study on Pharmaceutical Production, Feasibility Report on Pharmaceutical(Beta-lactum and Non-Betalactum) Manufacturing, Free Project Profile on Pharmaceutical Production Project Profile on Pharmaceutical Manufacturing, Download Free Project Profile on Pharmaceutical(Beta-lactum and Non-Betalactum) Manufacturing, Industrial Project Report, Project Consultant, Project Consultancy, NPCS, Niir, Process Technology Books, Business Consultancy, Business Consultant, Project Identification and Selection, Preparation of Project Profiles, Startup, Business Guidance, Business Guidance to Clients, Startup Project for Pharmaceutical(Beta-lactum and Non-Betalactum) Manufacturing, Startup Project, Startup Ideas, Project for Startups, Startup Project Plan, Business Start-Up, Business Plan for Startup Business, Great Opportunity for Startup, Small Start-Up Business Project, Project Report for Bank Loan, Project Report For Bank Finance, Project Report Format for Bank Loan in Excel, Excel Format of Project Report and CMA Data, Project Report Bank Loan Excel, Detailed Project Plan Reports, Non-Penicillin Beta-Lactam Drugs, Guidance for Beta-Lactam Antibiotics, Betalactam Antibiotics Manufacturing, Beta-Lactams Production, Non Beta Lactam, Manufacturing Beta-Lactam, Production of Beta-Lactam Antibiotics

Niir Project Consultancy Services (NPCS) can provide Detailed Project Report on Pharmaceutical Manufacturing Unit (Beta-Lactam and Non-Beta Lactam)

Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasibility Study, Investment Opportunities, Cost and Revenue, Plant Economics, Production Schedule, Working Capital Requirement, Plant Layout, Process Flow Sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis

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- *Technology Books and Directory*
- *Industry Trend*
- *Databases on CD-ROM*
- *Laboratory Testing Services*
- *Turnkey Project Consultancy/Solutions*
- *Entrepreneur India (An Industrial Monthly Journal)*

How are we different ?

- *We have two decades long experience in project consultancy and market research field*
- *We empower our customers with the prerequisite know-how to take sound business decisions*
- *We help catalyze business growth by providing distinctive and profound market analysis*
- *We serve a wide array of customers , from individual entrepreneurs to Corporations and Foreign Investors*
- *We use authentic & reliable sources to ensure business precision*



Our Approach

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

Report Compilation

Who do we serve?

- *Public-sector Companies*
- *Corporates*
- *Government Undertakings*
- *Individual Entrepreneurs*
- *NRI's*
- *Foreign Investors*
- *Non-profit Organizations, NBFC's*
- *Educational Institutions*
- *Embassies & Consulates*
- *Consultancies*
- *Industry / trade associations*

Sectors We Cover

- *Ayurvedic And Herbal Medicines, Herbal Cosmetics*
- *Alcoholic And Non Alcoholic Beverages, Drinks*
- *Adhesives, Industrial Adhesive, Sealants, Glues, Gum & Resin*
- *Activated Carbon & Activated Charcoal*
- *Aluminium And Aluminium Extrusion Profiles & Sections,*
- *Bio-fertilizers And Biotechnology*
- *Breakfast Snacks And Cereal Food*
- *Bicycle Tyres & Tubes, Bicycle Parts, Bicycle Assembling*



Sectors We Cover *Cont...*

- *Bamboo And Cane Based Projects*
- *Building Materials And Construction Projects*
- *Biodegradable & Bioplastic Based Projects*
- *Chemicals (Organic And Inorganic)*
- *Confectionery, Bakery/Baking And Other Food*
- *Cereal Processing*
- *Coconut And Coconut Based Products*
- *Cold Storage For Fruits & Vegetables*
- *Coal & Coal Byproduct*

Sectors We Cover *Cont...*

- *Copper & Copper Based Projects*
- *Dairy/Milk Processing*
- *Disinfectants, Pesticides, Insecticides, Mosquito Repellents,*
- *Electrical, Electronic And Computer based Projects*
- *Essential Oils, Oils & Fats And Allied*
- *Engineering Goods*
- *Fibre Glass & Float Glass*
- *Fast Moving Consumer Goods*
- *Food, Bakery, Agro Processing*



Sectors We Cover *Cont...*

- *Fruits & Vegetables Processing*
- *Ferro Alloys Based Projects*
- *Fertilizers & Biofertilizers*
- *Ginger & Ginger Based Projects*
- *Herbs And Medicinal Cultivation And Jatropha (Biofuel)*
- *Hotel & Hospitality Projects*
- *Hospital Based Projects*
- *Herbal Based Projects*
- *Inks, Stationery And Export Industries*



Sectors We Cover *Cont...*

- *Infrastructure Projects*
- *Jute & Jute Based Products*
- *Leather And Leather Based Projects*
- *Leisure & Entertainment Based Projects*
- *Livestock Farming Of Birds & Animals*
- *Minerals And Minerals*
- *Maize Processing(Wet Milling) & Maize Based Projects*
- *Medical Plastics, Disposables Plastic Syringe, Blood Bags*
- *Organic Farming, Neem Products Etc.*

Sectors We Cover *Cont...*

- *Paints, Pigments, Varnish & Lacquer*
- *Paper And Paper Board, Paper Recycling Projects*
- *Printing Inks*
- *Packaging Based Projects*
- *Perfumes, Cosmetics And Flavours*
- *Power Generation Based Projects & Renewable Energy Based Projects*
- *Pharmaceuticals And Drugs*
- *Plantations, Farming And Cultivations*
- *Plastic Film, Plastic Waste And Plastic Compounds*
- *Plastic, PVC, PET, HDPE, LDPE Etc.*

Sectors We Cover *Cont...*

- *Potato And Potato Based Projects*
- *Printing And Packaging*
- *Real Estate, Leisure And Hospitality*
- *Rubber And Rubber Products*
- *Soaps And Detergents*
- *Stationary Products*
- *Spices And Snacks Food*
- *Steel & Steel Products*
- *Textile Auxiliary And Chemicals*

Sectors We Cover *Cont...*

- *Township & Residential Complex*
- *Textiles And Readymade Garments*
- *Waste Management & Recycling*
- *Wood & Wood Products*
- *Water Industry(Packaged Drinking Water & Mineral Water)*
- *Wire & Cable*

Contact us

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