

Activated Carbon

Activated charcoal Powder, Activated coal

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

Activated carbon is a non-graphitic form of carbon, which could be produced by activation of any carbonaceous material such as jute sticks, coconut shells, bamboo, wood chips, sawdust, coal, lignite, paddy husk etc. Without adding any additives, chemicals or bonding agents, our Charcoal Powder is completely natural and odor-free.

By reducing waste discharged into the environment, or rather, by making full use of our resources, makes Charcoal Powder environmental friendly, and the world, a better place to live.

The Charcoal Powder itself has numerous of pores, the Charcoal Powder pores can effectively to suck air and all

kinds of floating material, to sulfide, hydride, methanol, benzene, phenol and other harmful chemical substances to absorption, decomposition odor and deodorization.

The technology in making Jut Stick Charcoal Powder is available locally and skilled man power is also available in our country.

Few Indian Major Players are as under

- **Grasim Industries Ltd.**
- **Indo German Carbons Ltd.**
- **Ion Exchange (India) Ltd.**
- **Triton Laboratories Ltd.**

Project at a Glance

PROJECT AT A GLANCE				(Rs. in lacs)			
COST OF PROJECT				MEANS OF FINANCE			
Particulars	Existing	Proposed	Total	Particulars	Existing	Proposed	Total
Land & Site Development Exp.	0.00	60.00	60.00	Capital	0.00	182.15	182.15
Buildings	0.00	234.15	234.15	Share Premium	0.00	0.00	0.00
Plant & Machineries	0.00	215.00	215.00	Other Type Share Capital	0.00	0.00	0.00
Motor Vehicles	0.00	10.00	10.00	Reserves & Surplus	0.00	0.00	0.00
Office Automation Equipments	0.00	53.00	53.00	Cash Subsidy	0.00	0.00	0.00
Technical Knowhow Fees & Exp.	0.00	25.00	25.00	Internal Cash Accruals	0.00	0.00	0.00
Franchise & Other Deposits	0.00	0.00	0.00	Long/Medium Term Borrowings	0.00	546.46	546.46
Preliminary & Pre-operative Exp	0.00	3.00	3.00	Debentures / Bonds	0.00	0.00	0.00
Provision for Contingencies	0.00	21.50	21.50	Unsecured Loans/Deposits	0.00	0.00	0.00
Margin Money - Working Capital	0.00	106.96	106.96				
TOTAL	0.00	728.61	728.61	TOTAL	0.00	728.61	728.61

Project at a Glance

Year	Annualised		Book Value	Debt	Dividend	Retained Earnings		Payout	Probable Market Price	P/E Ratio	Yield Price/ Book Value
	EPS	CEPS	Per Share		Per Share	Per Share				No.of Times	
	Rs	Rs	Rs	Rs	Rs	%	Rs	%	Rs		%
1-2	5.75	9.47	15.75	24.00	0.00	100.00	5.75	0.00	5.75	1.00	0.00
2-3	8.63	11.90	24.38	18.00	0.00	100.00	8.63	0.00	8.63	1.00	0.00
3-4	11.53	14.40	35.91	12.00	0.00	100.00	11.53	0.00	11.53	1.00	0.00
4-5	14.34	16.87	50.25	6.00	0.00	100.00	14.34	0.00	14.34	1.00	0.00
5-6	17.04	19.26	67.29	0.00	0.00	100.00	17.04	0.00	17.04	1.00	0.00

Project at a Glance

Year	D. S. C. R.			Debt / - Deposit s Debt	Equity as- Equity	Total Net Worth	Return on Net Worth	Profitability Ratio					Assets Turnover Ratio	Current Ratio
	Individual	Cumulative	Overall					GPM	PBT	PAT	Net Contribution	P/V Ratio		
	(Number of times)			(Number of times)		%	%	%	%	%		%		
Initial				3.00	3.00									
1-2	1.37	1.37		1.52	1.52	4.08		6.00%	2.81%	1.94%	688.27	12.75%	3.76	1.07
2-3	1.68	1.52		0.74	0.74	2.64		6.62%	3.82%	2.50%	802.96	12.75%	3.94	1.18
3-4	2.06	1.69	2.06	0.33	0.33	1.81		7.03%	4.55%	2.92%	917.67	12.75%	3.95	1.30
4-5	2.52	1.87		0.12	0.12	1.31		7.31%	5.08%	3.23%	1032.38	12.75%	3.87	1.43
5-6	3.06	2.06		0.00	0.00	0.98		7.50%	5.45%	3.45%	1147.08	12.75%	3.72	1.72

Project at a Glance

BEP

BEP - Maximum Utilisation Year	5
Cash BEP (% of Installed Capacity)	53.71%
Total BEP (% of Installed Capacity)	57.24%

IRR, PAYBACK and FACR

Internal Rate of Return .. (In %age)	28.89%
Payback Period of the Project is (In Years)	2 Years 3 Months
Fixed Assets Coverage Ratio (No. of times)	24.855

Major Queries/Questions Answered in the Report?

1. **What is Activated Carbon industry ?**
2. **How has the Activated Carbon industry performed so far and how will it perform in the coming years ?**
3. **What is the Project Feasibility of a Activated Carbon Powder from Jute Sticks Plant ?**
4. **What are the requirements of Working Capital for setting up a Activated Carbon Powder plant ?**
5. **What is the structure of the Activated Carbon Business and who are the key/major players ?**

- 6. What is the total project cost for setting up Activated Carbon Powder from Jute Sticks plant ?**
- 7. What are the operating costs for setting up a Activated Carbon Powder from Jute Sticks plant ?**
- 8. What are the machinery and equipment requirements for setting up a Activated Carbon Powder from Jute Sticks plant ?**
- 9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up a Activated Carbon Project ?**
- 10. What are the requirements of raw material for setting up a Activated Carbon Powder Project ?**

- 11. Who are the Suppliers and Manufacturers of Raw materials for setting up a Activated Carbon Powder plant ?**
- 12. What is the Manufacturing Process and Formulations of a Activated Carbon Powder from Jute Sticks plant ?**
- 13. What is the total size of land required for setting up a Activated Carbon plant ?**
- 14. What will be the income and expenditures for a Activated Carbon Powder from Jute Sticks plant ?**
- 15. What are the Projected Balance Sheets of a Activated Carbon Industry ?**

- 16. What are the requirement of utilities and overheads for setting up a Activated Carbon Industry?**
- 17. What is the Built up Area Requirement and cost for setting up a Activated Carbon Business?**
- 18. What are the Personnel (Manpower) Requirements for setting up a Activated Carbon Powder from Jute Sticks Business?**
- 19. What are Statistics of Import & Export for Activated Carbon?**
- 20. What is the time required to break-even?**

21. What is the Break-Even Analysis of a Activated Carbon plant?

22. What are the Project financials of a Activated Carbon project?

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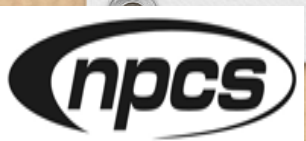
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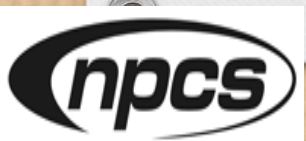
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Who are we?

- *One of the leading reliable names in industrial world for providing the most comprehensive technical consulting services*
- *We adopt a systematic approach to provide the strong fundamental support needed for the effective delivery of services to our Clients' in India & abroad*

What do we offer?

- *Project Identification*
- *Detailed Project Reports/Pre-feasibility Reports*
- *Market Research Reports*
- *Technology Books and Directory*
- *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*

- *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*

- *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*

- *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*

- *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.*

- *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.*

- *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*

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

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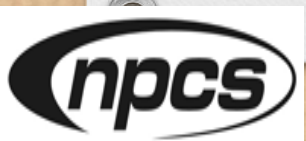
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