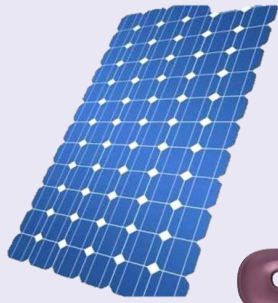


# **Business Ideas, Projects & Opportunities in Production**



**of**



# **Solar Panel & Electronic Toys**

# Introduction

**Solar panel** refers to a panel designed to absorb the sun's rays as a source of energy to generating electricity and heating. It reduces the amount of electricity coming from fossil fuels by supplying your operations with clean, renewable energy from the sun. Solar panels are also called photovoltaic or PV modules as it directly converts sunlight into electricity. The sun produces enough energy daily to supply 10,000 times the world's electrical needs. Solar Photovoltaic panels are packaged, connected assembly of typically 6x10 solar cells that generates and supplies solar electricity in commercial and residential applications.



**Solar panels are not only used for residential rooftop applications, but they are also widely used for applications such as powering electronic devices, individual gadgets, and vehicle batteries. Installing solar panels on a house roof can decrease the household's carbon footprint by an average of 35,180 pounds of carbon dioxide per year.**

**There is increasing demand for solar panels in the residential rooftop applications. There is significant fall in the prices for key components such as silver and polysilicone that are used to make solar cells. Solar Panels don't create noise and don't make any emissions.**



**Price drops for industrial commodities that are used to make solar panels, and higher price expectations for electricity and natural gas are the factors that are expected to drive growth of the solar panels market for the forecast period (2015-2025). Increase in electricity price combined with cheaper solar panels will drive the solar panels market.**

**Global Solar Panel market is expected to witness positive growth within the forecast period on account of increasing government incentives for the adoption of renewable energy alternatives for power generation. A solar panel uses the solar energy to cleanly and efficiently produce electricity. For many years solar was considered as the main pillar of a future renewable energy based system. Demand for a solar panel is increasing prominently all over the world.**

**By providing operations with renewable, clean energy from the sun solar panels reduces the amount of electricity generating from fossil fuels. The solar panel currently available in the market gives high efficiency and long-term warranties will increase the customer preferences towards renewable energy sources. Moreover, the technological innovations coupled with the commercialization of Solar Panel have also been aiding the growth of the Solar Panel market. Rising awareness about the benefits of Solar Panel and depletion of fossil fuels is expected to surge the demand for Solar Panel in the years to come. However, the high cost of installation and maintenance of solar panel is expected to be a major restraint for the global Solar Panel market. Technological advancements and favorable government policies to construct solar power stations are expected to provide growth opportunities for the key players in the market over the coming years.**

**The Solar Panel market can be segmented into categories by product types such as monocrystalline, polycrystalline, and thin-film solar panels. Poly-crystalline solar panel dominated the global Solar Panel market in 2016 owing to the wide range of applications and high efficiency in affordable price range. Mono-crystalline solar panel segment is expected to register remarkable growth within the forecast period due to their ability technological advancement.**



**Global Solar Panel market is expected to witness significant growth within the forecast period on account of increasing government incentives for the adoption of solar panels. Solar panels are photovoltaic that produce electricity with sunlight. Solar Panel continuously generates electricity as long as a source of light is supplied. Solar Panel does not burn fuel, helping to make the process quiet, pollution-free and around two to three times more efficient than combustion technologies.**

**Indian Solar Power Industry is anticipated to have double digit growth during next few years, due to the government's policy to increase the share of solar power in the country's energy mix and falling equipment (PV Module) costs globally. Moreover, solar power tariff in India has witnessed a drastic fall over the last few years.**

**With increasing focus of the government on development of renewable energy sector, solar power products market in India is on the verge of expansion. Target for solar power generation capacity in the country has been set at 100 GW by 2022 and this is anticipated to increase development of solar power products in India. Government provides incentives and subsidies for solar power products such as solar pumps and solar lanterns, thereby boosting their adoption across the country. Moreover, development of solar rooftop PV plants is being supported by various mechanisms such as Feed-In Tariff, Accelerated Depreciation Mechanism, Generation Based Incentives, etc., and this is anticipated to boost India solar rooftop PV market in the coming years.**





**Rising development of solar power generation projects is expected to aid in addressing the growing demand for electricity and in turn boost growth in the solar power products market through 2022.**

**The market for solar power products in India is forecast to grow at a CAGR of over 10% through 2022, on account of growing demand for power and increasing focus on reduction of greenhouse gases emissions from the power sector. Development of power transmission and distribution network is projected to increase adoption of grid connected rooftop solar plants in the country through 2022. In addition, implementation of Net Metering Policy across various states in the country is anticipated to boost grid connected solar rooftop plant developments, as it aids in exporting additional energy back to the grid.**

Nowadays, **electronic toys** are most popular toys item globally. In addition to that, it comes in a wide price range and features. Also, **electronic toys** are popular as smart toys. The demand for electronic toys is increasing. Basically, the reasons for the growth are rising **personal income** and **continuous product innovation**.



**The toys are categorized into many in India and the plastic toys have a market share of nearly 80% of the total toy industry in the country. Other types of toys available in the market are fabric toys, paper toys, and wooden toys, metal toys and DIY toys (containing arts and craft toys) that are manufactured mostly by the cottage industry. However, out of these the metal toys are considered to be sharp toys which are harmful for children and a hindrance in their safety that is why these toys are known to be slowly losing its popularity. Another popular category of toys seen today are educational toys and activity toys which help build the mind and body of the child, then there are soft toys, Electronic toys, battery operated toys and board games like chess and monopoly.**

**There are different types of Electronic toys available in the market. Electronic toys with or remote, walkie talkie sets for kids, toy radios, musical toys, hand-held video games, video games used with T.V, Arcade entertainment products, educational toys etc. are popular among Indian children. This report is about a remote controlled car toy. There are a number of Remote controlled Toys in the market. These, include Cars, trucks, playing machines and other equipments. There are differences in the mechanical assembly of these types of toys but the basic Electronic principle is the same. These types of toys have four main units i.e., Transmitter, Receiver, Motor and Power Source.**



**The transmitter sends radio wave which is received by the receiver which is fitted with an antenna. These signals are used to activate the motor. The power source is typically a rechargeable battery pack, but sometimes it's just normal batteries.**

**Electronic toys, and traditional toys will support strong market growth out to 2022. Electronic toys will grow to hold 13.1% of the total toy market in 2022; and arts & crafts, construction toys, and board games will hold a total of 30.5% for the same period.**



# Machinery Photographs



**Glass Washing Machine**

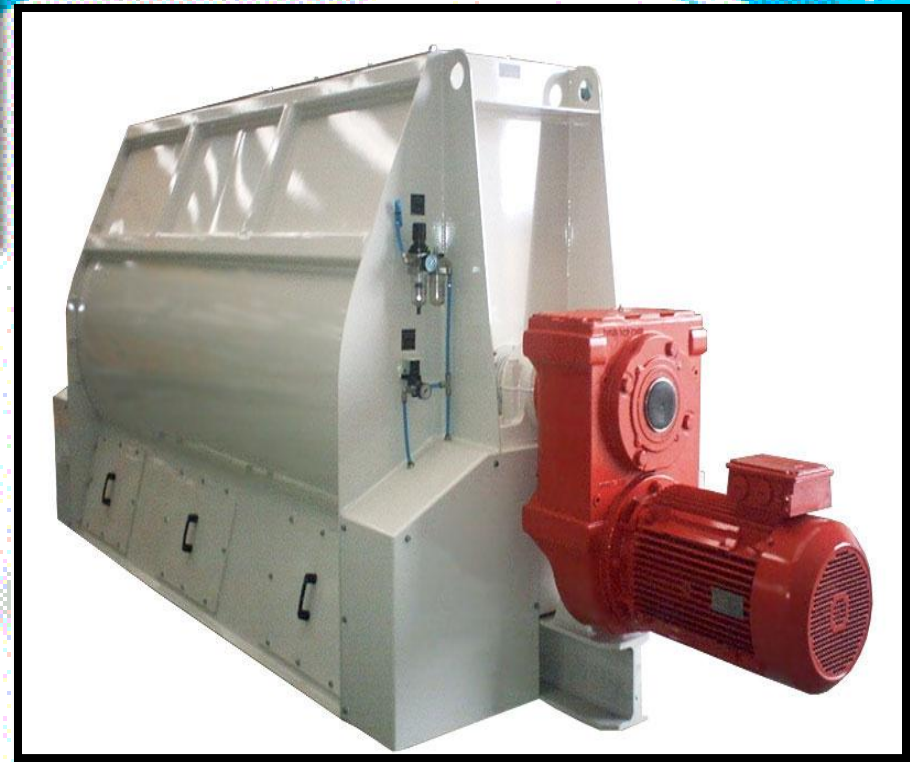


**Semi Automatic Framing Machine**





**Injection Molding Machine**



**Mixer**

# Project at a Glance

## PROJECT AT A GLANCE

(` in lacs)

COST OF PROJECT				MEANS OF FINANCE			
Particulars	Existing	Proposed	Total	Particulars	Existing	Proposed	Total
Land & Site Development Exp.	0.00	120.00	120.00	Capital	0.00	337.10	337.10
Buildings	0.00	346.40	346.40	Share Premium	0.00	0.00	0.00
Plant & Machineries	0.00	498.80	498.80	Other Type Share Capital	0.00	0.00	0.00
Motor Vehicles	0.00	12.00	12.00	Reserves & Surplus	0.00	0.00	0.00
Office Automation Equipments	0.00	70.50	70.50	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	1011.31	1011.31
Preliminary & Pre-operative Exp	0.00	5.00	5.00	Debentures / Bonds Unsecured	0.00	0.00	0.00
Provision for Contingencies	0.00	45.00	45.00	Loans/Deposits	0.00	0.00	0.00
Margin Money - Working Capital	0.00	225.71	225.71				
<b>TOTAL</b>	<b>0.00</b>	<b>1348.41</b>	<b>1348.41</b>	<b>TOTAL</b>	<b>0.00</b>	<b>1348.41</b>	<b>1348.41</b>



# 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	
						%		%			%
1-2	6.13	9.90	16.13	24.00	0.00	100.00	6.13	0.00	6.13	1.00	0.00
2-3	8.84	12.11	24.97	18.00	0.00	100.00	8.84	0.00	8.84	1.00	0.00
3-4	11.57	14.42	36.54	12.00	0.00	100.00	11.57	0.00	11.57	1.00	0.00
4-5	14.23	16.71	50.77	6.00	0.00	100.00	14.23	0.00	14.23	1.00	0.00
5-6	16.80	18.97	67.57	0.00	0.00	100.00	16.80	0.00	16.80	1.00	0.00

# Project at a Glance

Year	D. S. C. R.			Debt / Equity - Deposits 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	1.42	1.42		1.49	1.49	3.88		6.24%	3.34%	2.33%	1270.27	14.33%	3.37	1.10
2-3	1.71	1.56		0.72	0.72	2.51		6.87%	4.37%	2.88%	1323.30	12.79%	3.53	1.21
3-4	2.07	1.71	2.07	0.33	0.33	1.72		7.30%	5.13%	3.30%	1508.56	12.76%	3.54	1.34
4-5	2.49	1.88		0.12	0.12	1.25		7.58%	5.67%	3.61%	1693.83	12.74%	3.47	1.47
5-6	3.01	2.07		0.00	0.00	0.94		7.76%	6.06%	3.83%	1879.09	12.72%	3.35	1.77

# Project at a Glance

## BEP

BEP - Maximum Utilisation Year	5
Cash BEP (% of Installed Capacity)	47.07%
Total BEP (% of Installed Capacity)	50.96%
IRR, PAYBACK and FACR	
Internal Rate of Return .. ( In %age )	29.54%
Payback Period of the Project is ( In Years )	2 Years 3 Months
Fixed Assets Coverage Ratio ( No. of times )	22.547

# Major Queries/Questions Answered in the Report?

- 1. What is Solar Panel & Electronic Toys Manufacturing industry ?**
- 2. How has the Solar Panel & Electronic Toys Manufacturing industry performed so far and how will it perform in the coming years ?**
- 3. What is the Project Feasibility of Solar Panel & Electronic Toys Manufacturing Plant ?**
- 4. What are the requirements of Working Capital for setting up Solar Panel & Electronic Toys Manufacturing plant ?**

- 5. What is the structure of the Solar Panel & Electronic Toys Manufacturing Business and who are the key/major players ?**
- 6. What is the total project cost for setting up Solar Panel & Electronic Toys Manufacturing Business?**
- 7. What are the operating costs for setting up Solar Panel & Electronic Toys Manufacturing plant ?**
- 8. What are the machinery and equipment requirements for setting up Solar Panel & Electronic Toys Manufacturing plant ?**

- 9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up Solar Panel & Electronic Toys Manufacturing plant ?**
- 10. What are the requirements of raw material for setting up Solar Panel & Electronic Toys Manufacturing plant ?**
- 11. Who are the Suppliers and Manufacturers of Raw materials for setting up Solar Panel & Electronic Toys Manufacturing Business?**
- 12. What is the Manufacturing Process of Solar Panel & Electronic Toys ?**

- 13. What is the total size of land required for setting up Solar Panel & Electronic Toys Manufacturing plant ?**
- 14. What will be the income and expenditures for Solar Panel & Electronic Toys Manufacturing Business?**
- 15. What are the Projected Balance Sheets of Solar Panel & Electronic Toys Manufacturing plant ?**
- 16. What are the requirement of utilities and overheads for setting up Solar Panel & Electronic Toys Manufacturing plant?**
- 17. What is the Built up Area Requirement and cost for setting up Solar Panel & Electronic Toys Manufacturing Business?**

**18. What are the Personnel (Manpower) Requirements for setting up Solar Panel & Electronic Toys Manufacturing Business?**

**19. What are Statistics of Import & Export for Solar Panel & Electronic Toys ?**

**20. What is the time required to break-even of Solar Panel & Electronic Toys Manufacturing Business?**

**21. What is the Break-Even Analysis of Solar Panel & Electronic Toys Manufacturing plant?**

**22. What are the Project financials of Solar Panel & Electronic Toys Manufacturing Business?**





- 23. What are the Profitability Ratios of Solar Panel & Electronic Toys Manufacturing Project?**
- 24. What is the Sensitivity Analysis-Price/Volume of Solar Panel & Electronic Toys Manufacturing plant?**
- 25. What are the Projected Pay-Back Period and IRR of Solar Panel & Electronic Toys Manufacturing plant?**
- 26. What is the Process Flow Sheet Diagram of Solar Panel & Electronic Toys Manufacturing project?**

- 27. What are the Market Opportunities for setting up Solar Panel & Electronic Toys Manufacturing plant?**
- 28. What is the Market Study and Assessment for setting up Solar Panel & Electronic Toys Manufacturing Business?**
- 29. What is the Plant Layout for setting up Solar Panel & Electronic Toys Manufacturing Business?**

# Table of Contents of the Project Report



## **1. PROJECT LOCATION**

- 1.1. CHITTOOR-DISTRICT PROFILE & GEOTECHNICAL SITE CHARACTERIZATION
  - 1.1.1. General
  - 1.1.2. Physical Characteristics
  - 1.1.3. Language & Culture
  - 1.1.4. Map
  - 1.1.5. Climate & Rainfall
  - 1.1.6. Transportation and Communication
  - 1.1.7. Economy & Industry

## **SOLAR PANEL**

### **2. INTRODUCTION**

### **3. APPLICATIONS**

### **4. THEORY AND CONSTRUCTION**

### **5. TYPES OF THE SOLAR PANEL BASED ON MOUNTING SYSTEMS**

### **6. STANDARDS GENERALLY USED IN PHOTOVOLTAIC MODULES**

### **7. MARKET SURVEY**

### **8. FINANCIALS & COMPARISON OF MAJOR PLAYERS/COMPANIES**

- 8.1. ABOUT FINANCIAL STATEMENTS OF CMIE DATABASE
- 8.2. PROFITS & APPROPRIATIONS
- 8.3. TOTAL LIABILITIES
- 8.4. TOTAL ASSETS

- 8.5. NET CASH FLOW FROM OPERATING ACTIVITIES
- 8.6. SECTION – I
  - 8.6.1. Name of Company with Contact Details
  - 8.6.2. Name of Director(S)
  - 8.6.3. Plant Capacity
  - 8.6.4. Location of Plant
  - 8.6.5. Name of Raw Material (S) Consumed With Quantity & Cost
- 8.7. SECTION – II
  - 8.7.1. Assets
  - 8.7.2. Cash Flow
  - 8.7.3. Cost as % Ge of Sales
  - 8.7.4. Forex Transaction
  - 8.7.5. Growth in Assets & Liabilities
  - 8.7.6. Growth in Income & Expenditure
  - 8.7.7. Income & Expenditure
  - 8.7.8. Liabilities
  - 8.7.9. Liquidity Ratios
  - 8.7.10. Profitability Ratio
  - 8.7.11. Profits
  - 8.7.12. Return Ratios
  - 8.7.13. Structure of Assets & Liabilities (%)
  - 8.7.14. Working Capital & Turnover Ratios

## **9. EXPORT & IMPORT STATISTICS DATA OF INDIA**

## **10. SOLAR PANEL MANUFACTURERS IN THE WORLD**

## **11. SOLAR PANEL MANUFACTURERS IN INDIA**



## **12. RAW MATERIAL**

## **13. MANUFACTURING PROCESS**

## **14. PROCESS FLOW DIAGRAM**

## **15. BUYER'S LIST**

- 15.1. CONTACT DETAILS OF BUYER'S
- 15.2. NAME OF DIRECTOR(S)
- 15.3. PLANT CAPACITY
- 15.4. LOCATION OF PLANT
- 15.5. COMPANY WISE CONSUMPTION DETAIL OF THE RAW MATERIALS

## **16. SUPPLIERS OF PLANT & MACHINERY**

- 16.1. COMPLETE PLANT & MACHINERY SUPPLIERS

## **17. SUPPLIERS OF RAW MATERIAL**

## **18. PHOTOGRAPHS/IMAGES FOR REFERENCE**

- 18.1. PRODUCT PHOTOGRAPHS
- 18.2. RAW MATERIAL PHOTOGRAPHS
- 18.3. MACHINERY PHOTOGRAPHS

# ELECTRONIC TOYS

## 19. INTRODUCTION

## 20. BENEFITS OF ELECTRONIC TOYS

## 21. PRODUCT-DESCRIPTION

## 22. BIS SPECIFICATIONS

## 23. LIST OF TOYS FROM PRASID

## 24. MARKET SURVEY

## 25. IMPORT: ALL COUNTRIES

## 26. FINANCIALS & COMPARISON OF MAJOR INDIAN PLAYERS/COMPANIES

26.1. ABOUT FINANCIAL STATEMENTS OF CMIE DATABASE

26.2. PROFITS & APPROPRIATIONS

26.3. TOTAL LIABILITIES

26.4. TOTAL ASSETS

26.5. NET CASH FLOW FROM OPERATING ACTIVITIES

26.6. SECTION – I

26.6.1. Name of Company with Contact Details

26.6.2. Name of Director(S)

26.6.3. Plant Capacity

26.6.4. Location of Plant

26.6.5. Name of Raw Material (S) Consumed With Quantity & Cost



- 26.7. SECTION – II
- 26.7.1. Assets
- 26.7.2. Cash Flow
- 26.7.3. Cost as % Ge of Sales
- 26.7.4. Forex Transaction
- 26.7.5. Growth in Assets & Liabilities
- 26.7.6. Growth in Income & Expenditure
- 26.7.7. Income & Expenditure
- 26.7.8. Liabilities
- 26.7.9. Liquidity Ratios
- 26.7.10. Profitability Ratio
- 26.7.11. Profits
- 26.7.12. Return Ratios
- 26.7.13. Structure of Assets & Liabilities (%)
- 26.7.14. Working Capital & Turnover Ratios

**27. EXPORT & IMPORT STATISTICS DATA OF INDIA**

- 27.1. EXPORT STATISTICS DATA FOR ELECTRONIC TOY
- 27.2. IMPORT STATISTICS DATA FOR ELECTRONIC TOY

**28. PLANT DESCRIPTION**

**29. MANUFACTURING PROCESS**

**30. PROCESS FLOW DIAGRAM**



### **31. SUPPLIERS OF PLANT & MACHINERY**

### **32. SUPPLIERS OF RAW MATERIAL**

### **33. PHOTOGRAPHS/IMAGES FOR REFERENCE**

- 33.1. PRODUCT PHOTOGRAPHS
- 33.2. MACHINERY PHOTOGRAPHS
- 33.3. RAW MATERIAL PHOTOGRAPHS

### **34. PLANT LAYOUT**

### **35. QUOTATION OF PLANT, MACHINERY AND EQUIPMENTS FROM SUPPLIERS**

# *Project Financials*

<b>Project at a Glance</b>	<b>Annexure</b>
• Assumptions for Profitability workings .....	1
• Plant Economics.....	2
• Production Schedule.....	3
• Land & Building.....	4
Factory Land & Building	
Site Development Expenses	

- **Plant & Machinery.....5**
  - Indigenous Machineries**
  - Other Machineries (Miscellaneous, Laboratory etc.)**
  
- **Other Fixed Assets.....6**
  - Furniture & Fixtures**
  - Pre-operative and Preliminary Expenses**
  - Technical Knowhow**
  - Provision of Contingencies**
  
- **Working Capital Requirement Per Month.....7**
  - Raw Material**
  - Packing Material**
  - Lab & ETP Chemical Cost**
  - Consumable Store**

- **Overheads Required Per Month and Per Annum.....8**  
**Utilities & Overheads (Power, Water and Fuel Expenses etc.)**  
**Royalty and Other Charges**  
**Selling and Distribution Expenses**
  
- **Salary and Wages .....9**
  
- **Turnover Per Annum .....10**
  
- **Share Capital.....11**  
**Equity Capital**  
**Preference Share Capital**

- **Annexure 1 :: Cost of Project and Means of Finance**
- **Annexure 2 :: Profitability and Net Cash Accruals**
  - **Revenue/Income/Realisation**
  - **Expenses/Cost of Products/Services/Items**
  - **Gross Profit**
  - **Financial Charges**
  - **Total Cost of Sales**
  - **Net Profit After Taxes**
  - **Net Cash Accruals**

- **Annexure 3 :: Assessment of Working Capital requirements**

- **Current Assets**
- **Gross Working Capital**
- **Current Liabilities**
- **Net Working Capital**
- **Working Note for Calculation of Work-in-process**

- **Annexure 4 :: Sources and Disposition of Funds**

- **Annexure 5 :: Projected Balance Sheets**

- **ROI (Average of Fixed Assets)**
- **RONW (Average of Share Capital)**
- **ROI (Average of Total Assets)**

- **Annexure 6 :: Profitability Ratios**

- **D.S.C.R**
- **Earnings Per Share (EPS)**
- **Debt Equity Ratio**

• **Annexure 7 :: Break-Even Analysis**

- **Variable Cost & Expenses**
- **Semi-Variable/Semi-Fixed Expenses**
- **Profit Volume Ratio (PVR)**
- **Fixed Expenses / Cost**
- **B.E.P**



• **Annexure 8 to 11 :: Sensitivity Analysis-Price/Volume**

- **Resultant N.P.B.T**
- **Resultant D.S.C.R**
- **Resultant PV Ratio**
- **Resultant DER**
- **Resultant ROI**
- **Resultant BEP**

- **Annexure 12 :: Shareholding Pattern and Stake Status**

- **Equity Capital**
- **Preference Share Capital**

- **Annexure 13 :: Quantitative Details-Output/Sales/Stocks**

- **Determined Capacity P.A of Products/Services**
- **Achievable Efficiency/Yield % of Products/Services/Items**
- **Net Usable Load/Capacity of Products/Services/Items**
- **Expected Sales/ Revenue/ Income of Products/ Services/ Items**

- **Annexure 14** :: **Product wise Domestic Sales Realisation**
- **Annexure 15** :: **Total Raw Material Cost**
- **Annexure 16** :: **Raw Material Cost per unit**
- **Annexure 17** :: **Total Lab & ETP Chemical Cost**
- **Annexure 18** :: **Consumables, Store etc.**
- **Annexure 19** :: **Packing Material Cost**
- **Annexure 20** :: **Packing Material Cost Per Unit**

- **Annexure 21** :: **Employees Expenses**
- **Annexure 22** :: **Fuel Expenses**
- **Annexure 23** :: **Power/Electricity Expenses**
- **Annexure 24** :: **Royalty & Other Charges**
- **Annexure 25** :: **Repairs & Maintenance Expenses**
- **Annexure 26** :: **Other Manufacturing Expenses**
- **Annexure 27** :: **Administration Expenses**
- **Annexure 28** :: **Selling Expenses**

- **Annexure 29 :: Depreciation Charges – as per Books (Total)**
- **Annexure 30 :: Depreciation Charges – as per Books (P & M)**
- **Annexure 31 :: Depreciation Charges - as per IT Act WDV (Total)**
- **Annexure 32 :: Depreciation Charges - as per IT Act WDV (P & M)**
- **Annexure 33 :: Interest and Repayment - Term Loans**
- **Annexure 34 :: Tax on Profits**
- **Annexure 35 :: Projected Pay-Back Period and IRR**

# 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 Solar Panel & Electronic Toys.” provides an insight into Solar Panel & Electronic Toys market in India with focus on uses and applications, Manufacturing Process, Process Flow Sheets, Plant Layout and Project Financials of Solar Panel & Electronic Toys project. The report assesses the market sizing and growth of the Indian Solar Panel & Electronic Toys 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 NPCS, 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 Solar Panel & Electronic Toys sector in India along with its business prospects. Through this report we have identified Solar Panel & Electronic Toys project as a lucrative investment avenue.**

# Tags

How are Solar Panels made? Solar Panel Manufacturing, How to Start a Solar Panel Manufacturing Company, Solar Panel Manufacturing & Production, Solar Panel Manufacturing Plant Cost, Solar Panel Manufacturing Process Pdf, Solar Panel Manufacturing Equipment, Solar Panel Manufacturing Process PPT, Solar Panel Manufacturing Process Project Report, Solar Panel Manufacturing in India, Solar Panels Manufacturing, Manufacturing of Solar Panels, Solar Product Manufacturing, Solar Panel Technology, How Solar Panels are Manufactured? Production of PV Panels, How to Start Kids Electronic Toys Factory, Electronics Toys Manufacturing Business, Electronic Toys & Games Manufacturing Industry, Electronic Toys Manufacture, Electronic Toys Manufacturing Plant, How to Start a Toy Manufacturing Business in India, Electronic Toys Production, How to Start Toys Business in India, Solar Panel Production, Solar Cell & Module Production, Solar Panel Manufacturing Unit, Solar Panel Energy Production, Solar Industry, Project Profile on Solar Items, How to Start Up a Solar Panel Manufacturing Industry? Solar Panel Manufacturing Plant Business Plan Pdf, Solar Panel Manufacturing Project Report Pdf India, Solar Panels Manufacturing project ideas, Projects on Small Scale Industries, Small scale industries projects ideas, Solar Panels Manufacturing Based Small Scale Industries Projects, Project profile on small scale industries, How to Start Solar Panels Manufacturing Industry in India,

Solar Panels Manufacturing Projects, New project profile on Electronic Toys Manufacturing industries, Project Report on Solar Panels Manufacturing Industry, Detailed Project Report on Electronic Toys Manufacturing, Project Report on Electronic Toys Manufacturing, Pre-Investment Feasibility Study on Electronic Toys Production, Techno-Economic feasibility study on Electronic Toys Production, Feasibility report on Solar Panels Manufacturing, Free Project Profile on Electronic Toys Production, Project profile on Electronic Toys Manufacturing, Download free project profile on Electronic Toys Production, Startup Project for Solar Panels Manufacturing, 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

**Niir Project Consultancy Services (NPCS)  
can provide Detailed Project Report on  
Business Ideas, Projects &  
Opportunities in Production of Solar  
Panel & Electronic Toys**

**See more**

<https://goo.gl/GBhnJ4>



*Visit us at*

[www.entrepreneurindia.co](http://www.entrepreneurindia.co)



[www.entrepreneurindia.co](http://www.entrepreneurindia.co)

**Take a look at  
Niir Project Consultancy Services  
on #Street View**

<https://goo.gl/VstWkd>

*Locate us on  
Google Maps*

<https://goo.gl/maps/BKkUtq9gevT2>

## OUR CLIENTS

Our inexhaustible Client list includes public-sector companies, Corporate Houses, Government undertaking, individual entrepreneurs, NRI, Foreign investors, non-profit organizations and educational institutions from all parts of the World. The list is just a glimpse of our esteemed & satisfied Clients.

**Click here to take a look**  
**<https://goo.gl/G3ICjV>**



# **Free Instant Online Project**

## **Identification and Selection Service**

**Our Team has simplified the process for you by providing a "Free Instant Online Project Identification & Selection" search facility to identify projects based on multiple search parameters related to project costs namely: Plant & Machinery Cost, Total Capital Investment, Cost of the project, Rate of Return% (ROR) and Break Even Point % (BEP). You can sort the projects on the basis of mentioned pointers and identify a suitable project matching your investment requisites.....[Read more](#)**



# Download Complete List of Project

## Reports:

### ▪ Detailed Project Reports

**NPCS is manned by engineers, planners, specialists, financial experts, economic analysts and design specialists with extensive experience in the related industries.**

**Our Market Survey cum Detailed Techno Economic Feasibility Report provides an insight of market in India. The report assesses the market sizing and growth of the 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**

**The detailed project report covers all aspect of business, from analyzing the market, confirming availability of various necessities such as 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, uses and applications, Plant Layout, Project Financials, Process Flow Sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis. The DPR (Detailed Project Report) is formulated by highly accomplished and experienced consultants and the market research and analysis are supported by a panel of experts and digitalized data bank.**

**We at NPCS, through our reliable expertise in the project consultancy and market research field, have demystified the situation by putting forward the emerging business opportunity in India along with its business prospects.....[Read more](#)**



# Contact us

## **NIIR PROJECT CONSULTANCY SERVICES**

106-E, Kamla Nagar, Opp. Spark Mall,  
New Delhi-110007, India.

Email: [npcs.ei@gmail.com](mailto:npcs.ei@gmail.com) , [info@entrepreneurindia.co](mailto:info@entrepreneurindia.co)

Tel: +91-11-23843955, 23845654, 23845886, 8800733955

Mobile: +91-9811043595

Fax: +91-11-23845886

Website : [www.entrepreneurindia.co](http://www.entrepreneurindia.co) , [www.niir.org](http://www.niir.org)

Take a look at NIIR PROJECT CONSULTANCY SERVICES on #StreetView

<https://goo.gl/VstWkd>



# Niir PROJECT CONSULTANCY SERVICES

**An ISO 9001:2015 Company**



[www.entrepreneurindia.co](http://www.entrepreneurindia.co)

# 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*



*We at NPCS want to grow with you by providing solutions scale to suit your new operations and help you reduce risk and give a high return on application investments. We have successfully achieved top-notch quality standards with a high level of customer appreciation resulting in long lasting relation and large amount of referral work through technological breakthrough and innovative concepts. A large number of our Indian, Overseas and NRI Clients have appreciated our expertise for excellence which speaks volumes about our commitment and dedication to every client's success.*





*We bring deep, functional expertise, but are known for our holistic perspective: we capture value across boundaries and between the silos of any organization. We have proven a multiplier effect from optimizing the sum of the parts, not just the individual pieces. We actively encourage a culture of innovation, which facilitates the development of new technologies and ensures a high quality product.*



# What do we offer?

- *Project Identification*
- *Detailed Project Reports/Pre-feasibility Reports*
- *Market Research Reports*
- *Business Plan*
- *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**



# Contact us

## NIIR PROJECT CONSULTANCY SERVICES

106-E, Kamla Nagar, Opp. Spark Mall,  
New Delhi-110007, India.

Email: [npcs.ei@gmail.com](mailto:npcs.ei@gmail.com) , [info@entrepreneurindia.co](mailto:info@entrepreneurindia.co)

Tel: +91-11-23843955, 23845654, 23845886, 8800733955

Mobile: +91-9811043595

Fax: +91-11-23845886

Website : [www.entrepreneurindia.co](http://www.entrepreneurindia.co) , [www.niir.org](http://www.niir.org)

Take a look at NIIR PROJECT CONSULTANCY SERVICES on #StreetView

<https://goo.gl/VstWkd>



# Follow us



➤ <https://www.linkedin.com/company/niir-project-consultancy-services>



➤ <https://www.facebook.com/NIIR.ORG>



➤ <https://www.youtube.com/user/NIIRproject>



➤ <https://plus.google.com/+EntrepreneurIndiaNewDelhi>



➤ [https://twitter.com/npcs\\_in](https://twitter.com/npcs_in)



➤ <https://www.pinterest.com/npcsindia/>





**For more information, visit us at:**

[www.niir.org](http://www.niir.org)

[www.entrepreneurindia.co](http://www.entrepreneurindia.co)



[www.entrepreneurindia.co](http://www.entrepreneurindia.co)