Starting / Opening an Engineering College in India

(Establishment of New Engineering College)

Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Feasibility Study, Investment Opportunities, Cost and Revenue, Plant Economics, Working Capital Requirement, Plant Layout, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis

Introduction

There is need of engineering college in India for the development of country and give the better opportunity to the general merit. But in our country reservation system will not cater the merit of the general student as well as not application of technology by developed technology. Now a days highering of technology and running of administration is the main tool of the Indian's industry. The economic progress of a country is strongly linked with the quality of education.

It is therefore necessary for our technical educators to undertake periodic review of the curriculum and subject content of the technical programmes to ensure that they are up to date, not outmoded or obsolete and effectively fulfill the technological requirements of the country. During the past three decades, many steps have been taken in India to improve the quality of technical education. These include evolution of model syllabi, quality improvement programmes for teachers;

encouraging interaction with industry through consultancy and continuing education programmes; and providing impetus for expanding infrastructural facilities in emerging technologies. For economic growth and prosperity, the need is to produce highly professional and competent engineers. This could be achieved by imparting quality teaching to students. Towards this, some norms and standards of engineering education need to be laid down so as to educate the students with appropriate skills suitable for a rapidly changing industrial scenario.

Before formally starting an engineering college you should ensure that students going to enroll find best learning atmosphere there. Plan the strategy of providing best environment for students who will spend their four precious years in college. When they develop excellent abilities for which they have come down to you their achievements will be word to mouth publicity of your college.

The engineers produced by the huge number of private engineering colleges which have come up after the government sanction for them add up only by way of numbers, in the absence of sound infrastructure, well qualified staff and no emphasis on imparting quality education. There are 3,393 engineering colleges in India in which 15 lakh seats are available. Sixty-five per cent of them are in south India.

The growth of technical education in India has fulfilled the aspirations of a large number of students and parents. At the same time, it has introduced a high degree of distortion in the types of institutions, the quality of their content, teaching-learning processes, adequacy of infrastructure and faculty.

The growth in engineering colleges has not been guided by any discernible policy. There have been several concerted efforts to bring some order and logic to the growth and quality of technical education system.

The rapid growth in the number of engineering colleges can be attributed to an ecosystem built around feeding the $110 billion outsourcing market and the huge demand for engineers in the IT sector in India itself.

Niir Project Consultancy Services (NPCS)

can provide Detailed Project Report on

Engineering College

See more

https://goo.gl/TkM28x

https://goo.gl/NXwByc

https://goo.gl/nadnsb

Major Queries/Questions Answered in our Report?

1. How to open/start an Engineering College?
2. How to establish a new Engineering College?
3. What is the Project Feasibility of an Engineering College?
4. What are the requirements of Working Capital for setting up an Engineering College?
5. What is the structure of the Engineering College and who are the key/major players?

npcs

6. **What is the total project cost for starting an Engineering College?**

7. **What are the operating costs for setting up an Engineering College?**

8. **What are the Infrastructure requirements for setting up an Engineering College?**

9. **Who are the Suppliers and Manufacturers of equipment, Furniture, teaching aids for setting up an Engineering College?**

10. **What is the total size of land required for setting up an Engineering College?**

11. What will be the income and expenditures for an Engineering College Project?

12. What are the Projected Balance Sheets of an Engineering College business?

13. What are the requirement of utilities and overheads for setting up an Engineering College?

14. What is the Built up Area Requirement and cost for setting up an Engineering College?

15. What are the Personnel (Manpower), Staff Requirements for setting up an Engineering College?

16. What is the time required to break-even?

17. What is the Break-Even Analysis of an Engineering College?

18. What are the Project financials of an Engineering College?

19. What are the Profitability Ratios of an Engineering College?

20. What is the Sensitivity Analysis-Price/Volume of an Engineering College?

21. What is the Projected Pay-Back Period and IRR of an Engineering College?

22. What are the Market Opportunities for setting up an Engineering College?

23. What is the Market Study and Assessment for setting up an Engineering College?

24. What is the Plant Layout for setting up an Engineering College?

25. What is the procedure to open a new Engineering College in India?

Table of Contents of the Project Report

5. Recommendation and Grant Aids

6. Setting Up an Engineering College

7. Basic Infrastructure Facilities

8. Norms for Infrastructure by AICTE

9. Programme Objectives

10. Applications Form

11. Market Survey/Demand Of Engineering College

12. Regional Offices Of Aicte

13. Name Of The Some Existing Engineering Colleges

14. Few Addresses Of Government Departments

15. Laboratory Equipment And Lab Testing Equipment

16. Bathroom Fittings & Accessories

17. Furniture Fittings & Accessories

18. Computer Hardware & Peripherals

19. Air Conditioning & Refrigeration Equipment & Supplies

20. Sports Goods & Equipment

21. Wooden Furniture Suppliers

22. Photographs Of College Buildings

23. College Layout

24. Layout Of Play Ground Of Different Games

Project Financials

- **Project at a Glance** **Annexure**

- 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 Engineering College" provides an insight into the Engineering College market in India with focus on uses and applications, Manufacturing Process, Process Flow Sheets, Plant Layout and Project Financials of Engineering College project. The report assesses the market sizing and growth of the Indian Engineering College. 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 Engineering College sector in India along with its business prospects. Through this report we have identified Engineering College project as a lucrative investment avenue.

Niir Project Consultancy Services (NPCS)

can provide Detailed Project Report on

Engineering College

See more

https://goo.gl/TkM28x
https://goo.gl/NXwByc
https://goo.gl/nadnsb

Visit us at

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

npcs

Contact us

Niir Project Consultancy Services

106-E, Kamla Nagar, Opp. Spark Mall,

New Delhi-110007, India.

Email: npcs.ei@gmail.com , info@entrepreneurindia.co

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

Mobile: +91-9811043595

Fax: +91-11-23841561

Website : www.entrepreneurindia.co , www.niir.org

Take a look at NIIR PROJECT CONSULTANCY SERVICES on #StreetView

https://goo.gl/VstWkd

NIIR PROJECT CONSULTANCY SERVICES

An ISO 9001:2008 Company

npcs

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)*

npcs

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*

npcs

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 & Hospitability 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

Niir Project Consultancy Services

106-E, Kamla Nagar, Opp. Spark Mall,

New Delhi-110007, India.

Email: npcs.ei@gmail.com , info@entrepreneurindia.co

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

Mobile: +91-9811043595

Fax: +91-11-23841561

Website : www.entrepreneurindia.co , www.niir.org

Take a look at NIIR PROJECT CONSULTANCY SERVICES on #StreetView

https://goo.gl/VstWkd

npcs

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://www.pinterest.com/npcsindia/

For more information, visit us at:

www.niir.org

www.entrepreneurindia.co

npcs