

Report on Polytechnic College under PPP Mode



Brochure - Report on Polytechnic College under PPP mode

The Government Mission's basic objective is to create a trained Skilled Manpower of atleast 500 million persons by 2020. Hence the Ministry of HRD is into the implementation of scheme for setting up 300 new Polytechnics under PPP mode.

As per the scheme, Rs.3.00 crores will be funded by Ministry of Human Resource Development, Rs. 2.00 crores will be funded by the State Govt, and Rs.10.00 crores will be funded by the private industry partner.

Technical Education is instrumental in making a remarkable contribution to economic growth of the Developing Countries by way of suitable manpower production according to the needs of the Industry, Society and the Global World as a whole. To produce contemporary skilled manpower & technocrats suited to the present era of science and technology is the need of the hour. Polytechnic education has therefore responded to the challenges of industrialization for self-reliance, as well as meeting international demands.

The aim of the polytechnic education is to create a pool of skill based manpower to support shop floor and field operations as a middle level link between technicians and engineers. The pass-outs of Diploma level Institutions in Engineering & Technology play an important role in managing shop-floor operations. It is further an established fact that small & medium Industry prefer to employ Diploma Holders because of their special skills in interpreting engineering, drawings, estimating, costing, billing, supervision, measurement, testing, repair & maintenance etc.

Report on Polytechnic College under PPP Mode



The Contents of this Polytechnic (PPP) Publication is given in the following table:

S.NO.	DESCRIPTION OF CONTENTS	PAGE NO.
I	EDUCATION SECTOR SCENARIO	5
1.1	HISTORY OF EDUCATION IN INDIA	5
1.2	IMPORTANT FACTS ABOUT INDIAN EDUCATION	6
1.3	GROWTH OF EDUCATION SECTOR IN INDIA	7
1.4	EDUCATION SYSTEM IN INDIA	8
II	PRIORITY TO EDUCATION IN PUBLIC SPENDING BY THE CENTRAL GOVERNMENT	10
2.1	CENTRAL GOVERNMENT - PRIORITIES IN SPENDING	10
2.2	CENTRAL GOVERNMENT EXPENDITURE BY LEVEL OF EDUCATION	11
2.3	HIGHER EDUCATION EXPENDITURE	12
2.4	CENTRAL GOVERNMENT ELEVENTH PLAN OUTLAY	13
III	POLYTECHNIC EDUCATION IN INDIA	17
3.1	POLYTECHNIC EDUCATION SCENARIO	17
3.2	SIGNIFICANCE OF POLYTECHNIC EDUCATION	18
3.3	GROWTH OF POLYTECHNIC EDUCATION	19
3.4	SETTING UP NEW POLYTECHNICS	20
3.5	MAJOR HIGHLIGHTS MODALITIES OF THE PPP GUIDELINES	21
3.5.1	IMC (INSTITUTE MANAGEMENT COMMITTEE)	21
3.5.2	CAPITAL INVESTMENT COST	22
3.5.3	REVENUE GENERATION AND RECURRING EXPENSES	22
3.6	GUIDELINES TO MHRD DPR UNDER PPP MODE*	23
IV	STATUTORY APPROVALS AND ROLES OF REGULATORY BODIES	38
4.1	STATUTORY APPROVALS	38
4.2	AICTE	38
4.3	BOARD OF TECHNICAL EDUCATION	39

Report on Polytechnic College under PPP Mode



V	TECHNICAL ASPECTS – DESCRIPTION OF PROJECT COMPONENTS	41
5.1	LAND	41
5.2	BUILDINGS	41
5.3	FACULTY	42
5.4	COMPUTER FACILITIES	42
5.5	LIBRARY FACILITIES	43
5.6	PROPOSED CLASSES AND MAXIMUM INTAKE	44
5.7	SCHEDULE OF IMPLEMENTATION	45
5.8	CRITERIA FOR SITE LOCATION	47
VI	MARKET ASPECTS	48
6.1	NATIONAL SCENARIO	48
6.2	EXPANSION OF HIGHER EDUCATION	52
6.3	DEMAND FORECAST	53
VII	ESTIMATION OF PROJECT COST AND MEANS OF FINANCE	55
7.1	COST OF THE PROJECT	55
7.2	LAND	56
7.3	BUILDINGS & CIVIL WORKS	57
7.4	MACHINERY & EQUIPMENTS	57
7.5	PREOPERATIVE EXPENSES	58
7.6	MEANS OF FINANCE	59
VIII	ASSESSMENT OF FINANCIAL VIABILITY	60
8.1	ASSUMPTIONS	60
8.2	BREAKEVEN POINT (BEP)	62
8.3	INTERNAL RATE OF RETURN (IRR)	62
8.4	SENSITIVITY ANALYSIS	63

REPORT ON POLYTECHNIC COLLEGE UNDER PPP MODE

* GUIDELINES TO MHRD DPR UNDER PPP MODE

S.No.	DESCRIPTION OF CONTENTS	PAGE NO
3.6	GUIDELINES TO MHRD DPR UNDER PPP MODE	23
3.6.1	THE NEED FOR A POLYTECHNIC IN THE REGION	23
3.6.2	THE SETTING	23
3.6.3	JUSTIFICATION	32
3.6.4	LOCATION	33
3.6.5	PARTNERS IN THE CONSORTIUM	33
3.6.6	ROLE OF STATE GOVERNMENT	33
3.6.8	ACADEMIC PROGRAMMES	34
3.6.9	EDUCATIONAL OUTREACH PROGRAMMES	34
3.6.10	INDUSTRY COLLOBARATION	35
3.6.11	GOVERNANCE STRUCTURE	36
3.6.12	FINANCIAL MODEL	36
3.6.13	SWOT ANALYSIS & POST TEN YEAR SCENARIO	37



List of Financial Annexures

- Annexure 1 - Estimation of Project Cost
- Annexure 2 - Means of Finance
- Annexure 3 - Income and Expenditure Statement
- Annexure 4 - Projected Cash Flow Statement
- Annexure 5 - Projected Balance Sheet
- Annexure 6 - Break-even Analysis
- Annexure 7 - Internal Rate of Return
- Annexure 8 - Sensitivity Analysis
- Annexure 9 - Revenue Model
- Annexure 10 - Assumptions for revenue expenses
- Annexure 12 - Depreciation Schedule



Order Form for

REPORT ON POLYTECHNIC COLLEGE UNDER PPPP MODE

Mr / Mrs :
Designation :
Name of the Organization :
Address :
City :
Pin code :
Telephone :
Fax :

We hereby place an order for the Report on POLYTECHNIC COLLEGE UNDER PPP MODE towards which we enclose a demand draft drawn in favour of 'ITCOT Consultancy and Services Ltd', payable at Chennai for Rs.10,000 /- (Rupees Ten Thousand Only). The report may be sent to the above address.

Date:

Signature

Name of the signatory

Payment Particulars

Amount : Rs. 10,000/-
Demand Draft No. :
Dated :
Drawn on:

Please send this order form duly filled in along with the DD to:

ITCOT CONSULTANCY AND SERVICES LIMITED

50A, Greams Road, Chennai 600 006

Phone: 044-2829 0324 / 4293 6844

Fax: 044 - 2829 3512

Email: itcot@vsnl.com

Website: www.itcot.com



ABOUT ITCOT

ITCOT is a premier management consultancy Company promoted in 1979 by leading financial institutions viz, ICICI, IDBI, IFCI and State Development Corporations viz, SIPCOT, SIDCO, TIIC and leading Public Sector Banks. ITCOT provides a wide range of consultancy services, such as Project Profiles, Market Surveys, Techno-Economic Feasibility Studies, Sick Unit Rehabilitation Studies, Project Appraisals, Industrial Potential Surveys & Diagnostic Study Reports for various Cluster Development Programmes.

We have specialized in the preparation of Detailed Project Reports for Engineering Colleges, Medical Colleges, Polytechnic Colleges, Business Schools, Nursing Colleges, Institute of Pharmacy & Paramedical Sciences, Residential Schools, International Residential Schools, Resort cum Rural Tourism Project, Hospitals, Food Processing Sector Projects and Hotels.