



GOVERNMENT OF GUJARAT

**POCKET BOOK OF TECHNICAL  
EDUCATION STATISTICS  
1981**

NIEPA DC



D01099

**DIRECTORATE OF TECHNICAL EDUCATION  
GOVERNMENT OF GUJARAT  
AHMADABAD  
380 015  
INDIA**

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## FOREWORD

I am happy to present the "POCKET BOOK OF TECHNICAL EDUCATION STATISTICS, GUJARAT STATE, 1981" prepared by the Manpower And Statistical Cell of the Directorate of Technical Education. This booklet is a revised version of the earlier pocket book, which is now brought upto date, with additional tables.

It is hoped that this will continue to be a useful publication for educationists, planners, administrators and for those who are interested in education in general and technical education in particular as hitherto.

Ahmadabad  
July, 1981.

S. B. KUMTA,  
Director of Technical Education

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Table : 1

RELATED INFORMATION AND STATISTICS-  
GUJARAT STATE

Sr. No.	Items	Particulars
1	2	3
A.	Total Area (Sq.Km.).	1,95,984
B.	Population (1981 Census)	3,39,60,905
C.	Name of the Administrative Department in Secretariat	Education Department
D.	Name of the Minister	Shri Prabodhbhai Raval. Tel. No. 4136(o) : 2103 (R).
E.	Name of the Secretary	Prof. H. A. Mistry, I. A. S. Tel. No. 4371 (O) : 2963(R).
F.	Name of the Director	Prof. S B. Kumsa Tel. No. 451002 (O). 412888(R)
G.	Location of the Directorate	Hostel Building, Government Polytechnic, Ambawadi, Ahmadabad-380 015.

**Table—1 (Contd.)**

1	2	3
<b>H. Technical Institutions</b> (as on 31-3-1981)		
(1)	Engineering Colleges/ Technological Instts. (Degree & Post Graduation,)	9
(2)	Polytechnics/ Diploma & Post Diploma Instts.	22
(3)	Technical High Schools/ Institutes [S.S.C.(Tech.)]	44
(4)	Other Recognised Technical/Vocational Institutions	580
<b>I. Accreditation Authorities :</b>		
(a)	Degree Courses	Concerned Universities to which the institutions are affiliated
(b)	Diploma and Certificate Courses	Technical Examina- tions Board, Ahmadabad-380 015*
J.	Name of the Chairman of Technical Exam. Board	Prof. I. A. Mehta. Tel. No. 444135(O) 451078 (R)
K.	Location of the Technical Examinations Board	Hostel Building, Government Polytech- nic, Ambawadi, Ahmadabad-380 015.

• Diploma award for Pharmacy Course is conferred by the concerned University and diploma in architecture is awarded by the institute itself.

(O) : Office, (R) : Residence.



**Table : 2****GENERAL INFORMATION--GUJARAT STATE**

Sr. No.	Item	Units	Figures
1	2	3	4
1.	Districts	Nos.	19
2.	Talukas	,,	184
3.	Inhabited Villages (1971 census)	,,	18,275
4.	Uninhabited Villages (1971 census)	,,	422
5.	Towns (1971 census)	,,	309
6.	Cities (1971 census)	,,	7
7.	Area (census)	Sq. Km.	1,95,984
8.	Municipal Corporations	Nos.	4
9.	Municipalities	,,	51
10.	District Panchayats	,,	19
11.	Taluka Panchayats	,,	182
12.	Nagar Panchayats	,,	92
13.	Gram Panchayats	,,	12,859

**Table—2 (Contd.)**

1	2	3	4
<b>14. (a) Population (1971 Census) Nos.</b>			
	<b>A. Rural</b>		
	Persons	,,	1,92,00,975
	Males	,,	98,42,483
	Females	,,	93,58,492
	<b>B. Urban</b>		
	Persons	,,	74,96,500
	Males	,,	39,60,011
	Females	,,	35,36,489
	<b>C. Total Persons</b>	,,	2,66,97,475
	Males	,,	1,38,02,494
	Females	,,	1,28,94,981
	<b>*(b) Population (1981 Census)</b>		
	Total Persons	,,	3,39,60,905
	Males	,,	1,74,84,540
	Females	,,	1,64,76,365
<b>15.</b>	<b>Population of Scheduled Castes (1971 Census)</b>		
	Persons	,,	18,25,432
	Males	,,	9,36,043
	Females	,,	8,89,389
<b>16.</b>	<b>Population of Scheduled Tribes (1971 Census)</b>		
	Persons	,,	37,34,422
	Males	,,	18,97,204
	Females	,,	18,37,218

Table-2 (Contd.)

1	2	3	4
17.	Workers (1971 Census)	Nos.	
	A. Total workers	,,	83,95,546
	B. Non-workers	,,	1,83,01,929
18.	Density of Population (Persons per Sq. Km.) (1971 census)	,,	136
19.	(a) Sex Ratio (Female per 1000 males) (1971 Census)		
	A. Total	,,	934
	B. Rural	,,	951
	C. Urban	,,	893
	* (b) Sex Ratio (Female per 1000 males) (1981 Census)	,,	942
20.	(a) Percentage growth of population during the ten years (1961-71)	,,	29.39
	* (b) Percentage growth of population during the ten years (1971-81)	,,	27.21
21.	(a) Literacy (Percentage) (1971 census)		
	Total	%	35.79
	Males	%	46.11
	Females	%	24.75

Table-2 (Contd.)

1	2	3	4
21.	(b) Literacy (Percentage) (1981 Census)		
	Total	%	43.75
	Males	%	54.53
	Females	%	52.31
22.	Universities	Nos.	9
23.	M. L. As.	,,	182
24.	M. Ps. (In Lok Sabha)	,,	26
25.	M. Ps. (In Rajya Sabha)	,,	12

*Note:*— \*1981 Census - Provisional figures.

*Source:*—1. State Statistical Outline of Gujarat, 1979 published by Bureau of Economics & Statistics, Government of Gujarat, Gandhinagar

2. Census of India 1981-Series-5 Gujarat Paper - 1 of 1981 - Provisional Population Totals

**Table : 3 (A)**

**EDUCATIONAL INSTITUTIONS**

Sr. No.	Category	1960-61	1976-77	1977-78 (P)	1978-79 (P)
1	2	3	4	5	6
1	Primary	18,512	22,566	22,845	23,000
2	Secondary	1,099	2,753	2,854	2,907
3	Higher	101	367*	365*	370*
4	Others	7,965	2,147	2,694	11,900
Total:- ..		27,677	27,833	28,758	38,177

\*Including University Teaching Departments

(P) -Provisional

Source:—Directorate of Education, Gujarat State

**Table : 3 (B)**

**NUMBER OF PUPILS IN EDUCATIONAL INSTITUTIONS**

(In'000)

Sr. No.	Category	1955-51	1973-77	1977-78 (P)	1978-79 (P)
1	2	3	4		6
1	Primary	2,247	4,312	4,450	4,627
2	Secondary	365	872	956	1,031
3	Higher	150	254	191	185
4	Others	209	141	159	443
Total :-		2,871	5,579	5,756	6,286

(P)--Provisional

Source :—Directorate of Education, Gujarat State.

**Table-3 (C)**

**NUMBER OF TEACHERS IN EDUCATIONAL INSTITUTIONS**

Sr. Category No.	1960-61	1976-77	1977-78	1978-79	
1	2	3	4	5	(P) 6
1 Primary	58,762	1,11,190	1,14,861	1,21,888	
2 Secondary	14,159	33,292	36,291	37,498	
3 Higher	2,947	9,662	7,415	7,751	
4 others	N.A.	4,958	5,910	6,316	
Total:-	75,868	1,59,102	1,64,477	1,73,403	

N.A.=Not Available

(P) =Provisional

Source :- Directorate of Education, Gujarat State.

**Table : 3 (B)****NUMBER OF PUPILS IN EDUCATIONAL INSTITUTIONS**

(In'000)

Sr. No.	Category	1950-51	1973-77	1977-78	1978-79
				(P)	(P)
1	2	3	4		6
1	Primary	2,247	4,312	4,450	4,627
2	Secondary	365	872	956	1,031
3	Higher	150	254	191	185
4	Others	209	141	159	443
Total :-		2,871	5,579	5,756	6,286

(P)--Provisional

*Source* :—Directorate of Education, Gujarat State.



**Table-3 (C)**

**NUMBER OF TEACHERS IN EDUCATIONAL INSTITUTIONS**

Sr. Category No.	1960-61	1976-77	1977-78	1978-79
1	2	3	4	5
				(P) 6
1 Primary	58,762	1,11,190	1,14,861	1,21,888
2 Secondary	14,159	33,292	36,291	37,498
3 Higher	2,947	9,662	7,415	7,751
4 others	N.A.	4,938	5,910	6,316
Total:-	75,868	1,59,102	1,64,477	1,73,403

N.A.=Not Available

(P) =Provisional

Source :- Directorate of Education, Gujarat State.

Table-4

ENGINEERING/TECHNICAL INSTITUTIONS IN GUJARAT

Sr. No.	Type of Institutions	1960-61	1980-81
		Numbers	Numbers
1	2	3	4
1.	Engineering/Technological/ Pharmacy Institutions : (Degree & postgraduation)		
	(a) Government	2	2
	(b) Regional	—	1
	(c) Non-Government	3	6
2.	Polytechnics/Technological/ pharmacy Institutions : (Diploma & post Diploma)		
	(a) Government	10	15
	(b) Non-Government	4	7
3.	Technical High Schools/Institutes [S.S.C. (Tech.)]		
	(a) Government	25	27
	(b) Non-Government	14	17
4.	*Recognised Institutions/ Classes for Certificate Courses :		
	(a) Government	14	65
	(b) Non-Government	97	517

\*Including weir Industrial Institute, Dharampur, Food Craft Institute, Ahmadabad.

**Table- 5**

**NUMBER OF COURSES AND INTAKE--ALL COURSES**

Sr. No.	Name of Courses	Years			
		1930-61		1980-81	
		No. of Courses	Intake	No. of Courses	Intake
1	2	3	4	5	6
(1)	Post-Graduate Courses ..	4	49	10	249
(2)	First Degree Courses ..	7	1020	14	1945
(3)	Part-time Degree Courses ..	Nil	Nil	4	145
(4)	Post Diploma Courses ..	Nil	Nil	11	200
(5)	Diploma Courses :				
	(a) Conventional ..	9	1655	5	2911
	(b) Diversified ..	Nil	Nil	23	1185
(6)	Part-time Diploma Courses ..	Nil	Nil	5	345
(7)	S.S.C. (Technical) ..	1	2010	1	3975
(8)	Certificate Courses ..	25	6315	63	29525

**Table - 6****ACTUAL ADMISSIONS AND ENROLMENT**

Sr. No.	Type of Institutions	1960-61		1979-80	
		Admi- ssion	Enrol- ment	Admi- ssion	Enrol- ment
1	2	3	4	5	6
1.	Engineering Colleges and/or Technological Institutions	1,029	3,540	2,210	9,028
2.	Polytechnics (Diploma Institutions)	1,639	3,695	4,581	11,240
3.	Technical High Schools	1,755	6,095	4,130	10,870
4.	Recognised Insti- tutions/Classes for Certificate Courses	2,518	3,515	25,285	26,356

**Table-7**  
**OUT-TURN—ALL COURSES**

Sr. No.	Type of Courses	No. of Students passed	
		1980-81	1979-80
1	2	3	4
1.	Degree in Engineering/ Technology	792	1,717
2.	Diploma in Engineering/ Technology	1,034	3,166
3.	S.S.C. (Tech.)	478	1,594
4.	Technical & Vocational Certificates	3,014	13,357

Table 8—A

HIGHER TECHNICAL EDUCATION FACILITIES  
AVAILABLE-DISTRICTWISE 1980-81

Rank Nos. (according to popula- tion)	Name of District	INTAKE				
		P.G. Deg- ree	P.G. Dip- loma	Deg- ree	post- Dip- loma	Dip- loma
1	2	3	4	5	6	7
1.	Ahmadabad	53	25	610	85	970
2.	Kheda	18	..	892	..	412
3.	Mahesana	..	..	..	..	208
4.	Vadodara	100	10	572	20	685
5.	Panchmahals	..	..	..	..	180
6.	Surat	30	..	250	20	490
7.	Junagadh	..	..	..	..	148
8.	Rajkot	13	..	266	55	426
9.	Valsad	..	..	..	..	168
10.	Bhavnagar	..	..	..	20	400
11.	Banaskantha	..	..	..	..	..
12.	Sabarkantha	..	..	..	..	..

Table-8 (A) (Contd.)

1	2	3	4	4	6	7
13.	Jamnagar	..	..	..	..	..
14.	Bharuch	..	..	..	..	188
15.	Kachhh	..	..	...	..	171
16	Amreli	...	...	...	..	..
17.	Surendranagar	...	...	...	...	...
18.	Gandhinagar	..	...	...	...	...
19.	The Dangs	..	...	...	...	...
Total :		214	35	2090	200	4441

P.G.: Post Graduate

Table- 8-B

TECHNICAL EDUCATIONAL FACILITIES  
-DISTRICT WISE 1980-81

(Secondary & Certificate level facilities)

Sr. No.	Name of Districts	Intake Capacity In S.S.C.(Tech.)			Intake Capacity In Certificate Courses		
		Govt. Tech. Sch-ools	Non-Govt. High Sch-ools	Total	Govt. Tech. Insti-tions	Non-Govt. Tech. Insti-tutions	Total
1	2	3	4	5	6	7	8
1.	Ahmadabad	360	90	450	709	6,086	6,795
2.	Amreli	45	45	90	183	292	475
3.	Banaskantha	110	Nil	110	36	160	196
4.	Bharuch	90	Nil	90	128	980	1,108
5.	Bhavnagar	180	90	270	387	160	547
6.	Dangs	Nil	Nil	Nil	40	Nil	40
7.	Gandhinagar	Nil	Nil	Nil	Nil	268	268
8.	Jamnagar	Nil	100	100	20	526	546
9.	Junagadh	135	Nil	135	136	452	588
10.	Khed	180	610	790	216	3,984	4,200
11.	Kachchh	50	Nil	50	Nil	116	116
12.	Mehesana	170	90	260	288	3,108	3,396
13.	Panchmahals	180	Nil	180	192	1,252	1,444
14.	Rajkot	335	Nil	335	397	764	1,161
15.	Sabarkantha	135	Nil	135	56	984	1,040
16.	Surat	180	225	405	260	1,716	1,976
17.	Surendranagar	135	Nil	135	132	660	792
18.	Vadodra	135	Nil	135	204	2,574	2,778
19.	Valsad	275	Nil	275	487	1,592	2,059
Total :		2695	1,250	3945	3,851	25,674	29,525



**Table-9-A****TECHNICAL EDUCATION FOR WOMEN****Special Diploma Courses Available for Women Students  
In Various Institutions In the State-1980-81**

Sr. No.	Name of the course	Name of the Institution	Intake
1	2	3	4
1.	Commercial Practice	1. Government Polytechnic for Girls, Ahmadabad	35
		2. Government Polytechnic for Girls, Surat	30
		3. A. V. Parekh Technical Institute, Rajkot	15
		4. Bhavsinhji Polytechnic Institute, Bhavnagar	30
		5. Kilachand Devchand Polytechnic, Patan (N.G.)	30
Total			140
2.	Electronics & Radio Engineering	1. Government Polytechnic for Girls, Ahmadabad	50
		2. Government Polytechnic for Girls, Surat	15
		3. A. V. Parekh Technical Institute, Rajkot	15
Total			80

**Table-9 (A) (Contd.)**

1	2	3	4
<b>3.</b>	Costume Design and Dress Making	1. Government Polytechnic for Girls, Ahmadabad	30
		2. Bhavsinhji Polytechnic Institute, Bhavnagar	15
		3. Kilachand Devchand Polytechnic, Patan (N.G.)	15
		Total	60
<b>4.</b>	Architectural Assistantship	1. Government Polytechnic for Girls, Ahmadabad	30
		2. Government Polytechnic for Girls, Surat	30
		Total	60
<b>5.</b>	Home Science	1. Bhavsinhji Polytechnic Institute, Bhavnagar	15
		2. Kilachand Devchand Polytechnic, Patan (N.G.)	15
		3. T. F. Gandhidham Polytechnic, Adipur	15
		Total	45
<b>6.</b>	Commercial Art	1. Government Polytechnic for Girls, Surat	30
<b>7.</b>	Garment Making	1. A. V. Parekh Technical Institute, Rajkot	15
Grand Total			430

*Note.*—All the other Diploma and Degree Courses run in the other Institutions are open to Women Students for admission on Merit.

**Table-9B****ADMISSION, ENROLMENT OF WOMEN STUDENTS  
IN ENGINEERING COLLEGES AND POLYTECHNICS  
1980-81**

Sr. No.	Name of the Institution	Actual Admission (First Year)	Enrolment (Total year)
1	2	3	4
1.	L. D. College of Engineering, Ahmadabad	53	88
2.	Faculty of Technology & Engineering, M. S. University, Vadodara	70	202
3.	Birla Vishwakarma Mahavidyalaya, Vallabh Vidyanagar	9	9
4.	Sardar Vallabhbhai Regional College of Engineering & Technology, Surat	10	22
5.	School of Planning, Ahmadabad	3	6
6.	School of Architecture, Ahmadabad	13	40
7.	Dharmsinh Desai Institute of Technology, Nadiad	3	6
8.	L. M. College of Pharmacy, Ahmadabad	53	127
9.	K. J. Polytechnic, Bharuch	8	19

**Table-9 (B) (Contd.)**

1	2	3	4
10.	M. N. College of Pharmacy Khambhat	7	17
11.	Government Polytechnic, Valsad	1	2
12.	Government Polytechnic, Rajkot	1	1
13.	Government Polytechnic, Dahod	1	1
14.	R. C. T. Institute, Ahmadabad	1	1
15.	Polytechnic, M. S. University, Vadodara	13	25
16.	Bhailalbai & Bhikhabhai Polytechnic, Vallabh Vidyanagar <b>Special wing for Girls Students :</b>	6	17
17.	Government Polytechnic for Girls, Ahmadabad	158	324
18.	Government Polytechnic for Girls, Surat	116	290
19.	K. D. Polytechnic, Patan (N.G.)	25	40
20.	Sir Bhavsinhji Polytechnic Institute, Bhavnagar	69	120
21.	A. V. Parekh Technical Institute, Rajkot	70	129
22.	T. F. Gandhidham Polytechnic, Adipur	18	18
	Total :	<u>707</u>	<u>1501</u>

Table : 10

## HOSTEL FACILITIES AVAILABLE—1980-81

Sr. No.	Name of the Institutions	No. of Hostel Blocks	No. of seats Available
1	2	3	4
1.	L. D. College of Engineering, Ahmadabad	6	700
2.	L. E. College, Morbi	6	655
3.	Faculty of Technology & Engineering, M. S. University, Vadodara	Common Hostel for all University Students.	
4.	B. V. Mahavidyalaya, Vallabh Vidyanagar	3	648
5.	S. V. Regional College of Engineering & Technology, Surat	4	594
6.	D. D. Institute of Technology, Nadiad	1	22
7.	School of Architecture & Planning, Ahmadabad	1	112
8.	R. C. Technical Institute, Ahmadabad	3	166
9.	Government Polytechnic for Girls, Ahmadabad	—	—

**Table-10 (Contd.)**

1	2	3	4
10.	Government Polytechnic, Ahmadabad	1	145*
11.	Dr. S. & S. S. Gandhi College of Engineering & Technology, Surat	3	236
12.	Government Polytechnic, Valsad	5	100
13.	Government Polytechnic, Dahod	1	180
14.	Government Polytechnic, Rajkot	1	100
15.	A. V. Parekh Technical Institute, Rajkot	2	120
16.	Government Polytechnic, Porbandar	4	100
17.	K. J. Polytechnic, Bharuch	1	100
18.	K. D. Polytechnic, Patan	1	102
19.	Government Polytechnic for Girls, Surat	1	100
20.	Sir B. P. Institute, Bhavnagar	3	420
21.	B. & B. Polytechnic, Vallabh Vidyanagar	2	366
22.	T. F. Gundhidham Polytechnic, Adipur	1	180

**Table-10 (Contd.)**

1	2	3	4
23.	Polytechnic, M. S. University, Vadodara	Common Hostel for all University Students	
24.	L. M. College of Pharmacy, Ahmadabad	1	222
25.	M. N. College of Pharmacy, Khambhat	1	38
<b>Total : (22-Institutions having separate Hostel facilities)</b>		52	5406

*Note :* \*The students at present are accommodated in L. D. College of Engineering hostels as the hostel block is occupied by various Government offices.

Table—11

NO. OF MERIT-CUM-MEANS OPEN MERIT  
SCHOLARSHIPS IN TECHNICAL EDUCATION  
DEPARTMENT 1980-81—(COURSEWISE)

Sr. No.	Name of Course	Scholarships per Semester for Degree		Scholarships per Semester for Diploma	
		In Govt. Instts.	In Non- Govt. Instts.	In Govt. Instts.	In Non- Govt. Instts.
1	2	3	4	5	6
<b>A. OPEN MERIT SCHOLARSHIPS (DEGREE &amp; DIPLOMA)</b>					
1.	Civil Engineering	32	48	66	18
2.	Mechanical Engineering	32	48	66	18
3.	Electrical Engineering	32	48	66	18
4.	Air-conditioning and Refrigeration	..	..	2.	..
5.	Power Plant Engineering	..	..	2	..
6.	Ceramic Technology	..	..	6	..
7.	Textile Manufacturing	..	..	16	..
8.	Automobile Engineering	..	..	18	..
9.	Production Engineering	..	..	4	..



Table-11 (Contd.)

1	2	3	4	5	6
10.	Metallurgy	..	8	6	..
11.	Electronics	..	6	..	..
12.	Man-made Fibres Fabrics	..	..	6	..
13.	Man-made Fibre Wet Processing	—	..	6	..
14.	Textile Technology	6	8	..	8
15.	Textile Chemistry	..	..	8	8
16.	Printing Technology	..	..	6	..
17.	Chemical Engineering	8	16	6	6
18.	Architecture	..	8	..	..
19.	Textile Engineering	..	8	..	..
20.	Sales Management	..	..	2	..
21.	Plastics Engineering	..	..	8	..
22.	Electronics & Radio Engineering	..	..	6	..
23.	Electronics & Sound Engineering	..	..	6	..
24.	Instrumentation & Control	..	..	3	..
25.	Television Engineering	..	..	3	..

**Table-11 (Contd.)**

<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
<b>26. Technology of Processing of Oil and Gas</b>		..	..	..	6
<b>27. Technology of Production of Synthetic Resins &amp; Plastics</b>		..	..	..	6
<b>28. Technology of Production of Fertilizers</b>		..	..	..	6
<b>29. Commercial Practice</b>		..	..	18	..
	<b>Total —</b>	<b>110</b>	<b>198</b>	<b>330</b>	<b>94</b>

**Table-11 (Contd.)**

Sr. No.	Name of Course	Scholarships per Semester for Diploma	
		In Govt. Instts.	In Non- Govt. Instts,
1	2	3	4
<b>B. MERIT-CUM-MEANS SCHOLARSHIPS FOR GIRLS ONLY</b>			
1.	Costume Design & Dress Making	42	..
2.	Commercial Practice	54	..
3.	Architectural Assistantship	*	..
4.	Electronics & Radio Engineering	18	..
5.	Commercial Art	*	..
6.	Home Science	36	18
7.	Garment Making	12	..
	Total —	162	18

**Table-11 (Contd.)**

Sr. No.	Name of Courses	Scholarships per Certificate Courses	
		In Govt. Instts.	In Non- Govt. Instts.
1	2	3	4
<b>C. OPEN MERIT SCHOLARSHIPS (CERTIFICATE COURSES)</b>			
1.	Electrical Service Technician	8	..
2.	Television Service Technician	2	..
3.	Wireless Telegraphy	4	..
4.	Cine Projection	4	..
5.	Maintenance Technician	8	..
6.	Production Technician	8	..
7.	Automobile Engineering	12	..
8.	Cotton Spinning	8	..
9.	Cotton Weaving	8	..
10.	Horology Technician	4	..
11.	Textile Design	4	..
12.	Mechanical Engineering	12	..
13.	Electrical Engineering	6	..
14.	Hand & Powerloom Weaving	4	..
15.	Motor Mechanic	4	..
16.	Fitter	4	..
17.	Turner	4	..
18.	Draftsman Civil & Estimating	4	..
Total —		108	..

*Note :* \* 25% of students on roll for Girls' Polytechnics & Girls' Wings attached to other Polytechnics.

Table : 12

DETAILS ON RESERVATIONS, ADMISSIONS AND ENROLMENTS OF BACKWARD CLASS STUDENTS IN ENGINEERING COLLEGES AND POLYTECHNICS—(80-81)

Sr. No.	Details of Courses	Percentage of reservation	Actual Admi-ssion	Enrol-ment
1	2	3	4	5
1.	First Degree Courses	*30	246	524
2.	Diploma Courses	*30	779	1513

\* { (a) S. C. : 7%  
 (b) S.T. : 13%  
 (c) E. & S.B.C. : 10%

**Table—13**

**SPECIAL FACILITIES PROVIDED FOR BACKWARD CLASS  
STUDENTS IN TECHNICAL INSTITUTIONS**

Sr. No.	Special Facilities/Concessions	Facilities/Concessions etc. Applicable in :	
		Degree Courses 3	Diploma Courses 4

**A—Degree and Diploma Courses**

1. Entrance Qualification :	Minimum 45% in Theory & 40% in Practical as against the general requirements of 55% in Theory and 50% in Practical in qualifying examination	Nil
(a) Scheduled Caste		
(b) Scheduled Tribe		
2. Seats reserved for admission :		
(a) Scheduled Caste	7%	7%
(b) Scheduled Tribe (including N.T. & D.N.T.)	13%	13%
(c) E. & S. B. C.	10%	10%

Table—13 (Contd.)

1	2	3	4
3. Seats reserved in the hostels :			
(a)	Scheduled Caste	7% (In the inst. hostel)	7% (In the inst. hostel)
(b)	Scheduled Tribe (including N. T. & D.N.T.)	13% ..	13% ..
(c)	E. & S.B.C.	10% ..	10% ..
4. Maintenance Allowance for Hostellers :			
(a)	Scheduled Caste I Year Boys	Rs. 185 p.m.	Rs. 90 p.m.
(b)	Scheduled Caste II Year onwards	Rs. 185 p.m.	Rs. 95 p.m.
(c)	Scheduled Caste I Year Girls	Rs. 195 p.m.	Rs. 100 p.m.
(d)	Scheduled Caste II Year onwards	Rs. 200 p.m.	Rs. 110 p.m.
(e)	Scheduled Tribe (including N.T. & D.N.T.)		
	I Year Boys	Rs. 185 p.m.	Rs. 90 p.m.
	II Year onwards	Rs. 185 p.m.	Rs. 95 p.m.
(f)	Scheduled Tribe (including N.T. & D.N.T.)		
	I Year Girls	Rs. 195 p.m.	Rs. 100 p.m.
	II Year onwards	Rs. 200 p.m.	Rs. 110 p.m.

Table—13 (Contd.)

1	2	3	4
(g) Educationally & Socially Backward Class	I Year Boys	Rs. 175 p.m.	Rs. 75 p.m.
	I Year Girls	Rs. 185 p.m.	Rs. 85 p.m.
5. Book Bank Facilities		Text & Reference Books provided free of charge from Book Banks at Ahmadabad, Vadodara, Surat & Rajkot	Text & Reference Books provided free of charge from Book Banks at Ahmadabad, Vadodara, Surat & Rajkot
6. Special Coaching classes provided for :			
(a) Scheduled Caste		Yes	Nil
(b) Scheduled Tribe (including N.T. & D.N.T.)		Yes	Nil



**Table-13 (Contd.)**

Sr. No.	Special Facilities/ Concessions	Facilities/Concessions etc. Applicable in :			
		Degree Courses	Diploma Courses	S.S.C. (Tech.)	Certificate Courses
1	2	3	4	5	6

**B—Degree, Diploma, S.S.C. (Tech.) and Certificate Courses:**

7. All kinds of fees including hostel rents :

(a) Scheduled Caste	Borne by Government	Borne by Government	Borne by Government	Borne by Government
(b) Scheduled Tribe (including N.T. & D.N.T.)	-do-	-do-	-do-	-do-
(c) E. & S.B.C.	-do-	-do-	-do-	-do-

8. Maintenance Allowance for Day Students :

(a) Scheduled Caste I Year Boys	Rs. 75 p.m.	Rs. 60 p.m.	Rs.115 p.a.	Rs. 40 p.m.
(b) Scheduled Caste II Year onwards Boys	Rs. 75 p.m.	Rs. 65 p.m.	Rs.115 p.a.	Rs.40 p.m.

Table—13—(Contd.)

1	2	3	4	5	6
(c)	Scheduled Caste I Year Girls	Rs. 85 p.m.	Rs. 70 p.m.	Rs. 115 p.a.	Rs. 40 p.m.
(d)	Scheduled Caste II Year onwards Girls	Rs. 90 p.m.	Rs. 80 p.m.	Rs. 115 p.a.	Rs. 40 p.m.
(e)	Scheduled Tribe (including N.T. & D.N.T.)				
	I Year Boys	Rs. 75 p.m.	Rs. 60 p.m.	Rs. 115 p.a.	Rs. 40 p.m.
	II Year onwards Boys	Rs. 75 p.m.	Rs. 65 p.m.	Rs. 115 p.a.	Rs. 40 p.m.
	I Year Girls	Rs. 85 p.m.	Rs. 70 p.m.	Rs. 115 p.a.	Rs. 40 p.m.
	II Year onwards girls	Rs. 90 p.m.	Rs. 80 p.m.	Rs. 115 p.a.	Rs. 40 p.m.
(f)	Educationally & Socially Backward Class				
	I Year onwards Boys	*Rs. 65 p.m.	*Rs. 50 p.m.	Rs. 115 p.a.	Rs. 40 p.m.
	I Year onwards Girls	*Rs. 75 p.m.	*Rs. 60 p.m.	Rs. 115 p.a.	Rs. 40 p.m.

*Remarks :* \* The concession is granted provided the annual income of the parents does not exceed Rs. 4,800 (in respect of the males and Rs. 9,000 in respect of the females)

*Source :* Bulletins on "Facilities Provided etc." to S.C./S.T./E. & S.B.C. Personnel- Published by the Director of Social Welfare: Ahmadabad

Table—14

## NUMBER OF TEACHERS AND TEACHER—STUDENT RATIO

Sr. No.	Type of Institutions	1960-61		1978-79		1979-80 (p)	
		No. of Teachers	Ratio	No. of Teachers	Ratio	No. of Teachers	Ratio
1	2	3	4	5	6	7	8
I	Engineering Colleges/ Technological Institutions (Degree Courses)	370	10 : 96	697	10 : 125	694	10 : 130
II	Polytechnics/ Diploma Level Institutions (Diploma Courses)	236	10 : 156	767	10 : 145	794	10 : 142
III	Technical High Schools (S.S.C. Tech.)	107	10 : 570	186*	10 : 478	188	10 : 523
IV	Certificate Level Institutions/Classes	N.A.	N.A.	888	10 : 222	846	10 : 312
N.A.—Not available		*—Revised		(P)—Provisional			

Table—15

CATEGORYWISE DETAILS OF STAFF IN GOVERNMENT AND NON-GOVERNMENT INSTITUTIONS (INCLUDING H.O. AND T.E.B.) AS ON 31-3-81

Sr. No.	Category of Institutions/ Organisations	No. of Employees					Total
		Adminis- trative	Teaching	Instruc- tional	Ministerial	Class-IV	
1	2	3	4	5	6	7	8
1.	Head Office	11	..	..	66	16	93
2.	Engineering Colleges	21	692	483	212	507	1865
3.	Polytechnics	22	806	492	245	604	2169
4.	Technical High Schools	45	200	324	101	361	1031
	Total —	99	1698	1249	624	1488	5158
5.	Technical Exami- nations Board	4	..	..	39	7	50
	Grand Total —	103	1698	1249	663	1495	5208

**Table : 16****PLANWISE EXPENDITURE ON TECHNICAL  
EDUCATION IN GUJARAT STATE**

Plan Period	Expenditure (Rs. in lakhs)
I Plan (1951-56)	18.59
II Plan (1956:61)	N.A.
III Plan (1931-66)	188.49
Three Annual Plans (1966-69)	118.00
IV Plan (1939-74)	181.49
V Plan (1974-78) (Approximate)	282.32
Annual Plans	
1978-79	105.57
1979-80	83.27
VI Plan (1930-85) (Provision)	600.00

N. A.— Not Available

Table—17-A

EXPENDITURE ON TECHNICAL EDUCATION  
IN GUJARAT STATE ( 1930-81 PROVISIONAL )

(Rs. in lakhs)

Sr. No.	Details of Expenditure	Plan	Non-Plan	Total
1	2	3	4	5
1.	Degree Education	18.20	100.40	118.60
2.	Diploma Education	22.11	213.30	235.41
3.	Technical High Schools	15.20	61.00	76.20
4.	Administration (Including T.E.B.)	1.85	22.00	23.85
5.	Teachers Training	1.20	..	1.20
6.	Grant-in-aid	2.42	93.50	95.92
7.	Scholarships	0.03	1.00	1.03
8.	Student Amenities	....	..	..
9.	Tribal Sub-Plan	0.70	0.90	1.60
10.	Capital Works (Non-Tribal)	37.50	..	37.50
11.	Capital Works (Tribal)	5.30	..	5.30
	Total (Tech. Edu.)	104.51	492.10	596.61

**Table 17-B**  
**BUDGET ESTIMATES FOR 1981-82.**

(Rs. in lakh)

Sr. No.	Details of Expenditure	Plan	Non- Plan	Total
1	2	3	4	5
1.	Degree Education	11.30	99.02	110.32
2.	Diploma Education	26.43	234.40	260.83
3.	Technical High Schools	12.40	63.10	75.50
4.	Administration (Including T.E.B.)	2.90	21.75	24.65
5.	Teachers Training	2.00	—	2.00
6.	Grant-in-aid	2.75	88.00	90.75
7.	Scholarships	0.10	2.00	2.10
8.	Student Amenities	2.50	—	2.50
9.	Tribal Sub-Plan	6.52	0.75	7.27
10.	Capital Works	49.62	—	49.62
11.	Capital Works (Tribal)	3.43	—	3.48
	Total (Tech. Edu.)	120.00	509.02	629.02

**Table—18-**  
**POPULATION OF STATES/UNION TERRITORIES**

(1981 Census) (Provisional Figures)

Sr. No.	States/Union Territories	Population (in thousands)			Rank (according to population 1971-1981)	Growth Rate (1971-1981)
		Males	Females	Total		
1	2	3	4	5	6	7
STATES						
1.	Andhra Pradesh	27,030	26,368	53,404	(5)	22.76
2.	Assam*	10,473	9,430	19,903	(13)	33.06
3.	Bihār	35,805	33,958	69,823	(2)	23.90
4.	Gujarat	17,485	16,476	33,961	(10)	27.21
5.	Haryana	6,846	6,005	12,851	(15)	28.04
6.	Himachal Pradesh	2,132	2,106	4,238	(18)	22.49
7.	Jammu and Kashmir*	3,002	2,920	5,982	(17)	29.59
8.	Karnataka	18,869	18,174	37,043	(8)	26.43



**Table 18—(contd)**

1	2	3	4	5	6	7
9.	Kerala	12,488	12,915	25,403	(12)	18.99
10.	Madhya Pradesh	26,857	25,275	52,132	(6)	25.15
11.	Maharashtra	32,341	30,353	62,694	(3)	24.36
12.	Manipur	727	707	1,434	(20)	33.64
13.	Meghalaya	679	649	1,328	(21)	31.22
14.	Nagaland	414	359	773	(23)	49.81
15.	Orissa	13,253	13,019	26,272	(11)	19.71
16.	Punjab	8,840	7,830	16,670	(14)	23.00
17.	Rajasthan	17,749	16,354	34,103	(9)	32.36
18.	Sikkim	172	144	316	(28)	50.48
19.	Tamil Nadu	24,420	23,877	48,297	(7)	17.23
20.	Tripura	1,058	1,002	2,060	(19)	32.39

Table—18 —(contd)

1	2	3	4	5	6	7
21.	Uttar Pradesh	58,781	52,077	110858	(1)	25.49
22.	West Bengal	28,505	25,980	54,485	(4)	22.96
UNION TERRITORIES :						
1.	A. & N. Islands	107	81	188	(29)	6.48
2.	Arunachal Pradesh	336	292	628	(24)	34.47
3.	Chandigarh	254	196	450	(27)	75.10
4.	D. & N. Haveli	53	51	104	(30)	40.54
5.	Delhi	3,422	2,774	6,196	(16)	52.38
6.	Goa, Daman & Diu	546	536	1,082	(22)	26.11
7.	Lakshadweep	20	20	40	(31)	25.00
8.	Mizoram	252	236	488	(26)	N.A.
9.	Pondichery	304	300	604	(25)	27.97
	Total—	3,53,346	3,30,464	6,83,810		24.75

\*Projected Figures

Source : Census of India—1981, Series-5, Gujarat—Paper-1 of 1981, Provisional Population Totals

**Table—19**

**LITERACY IN STATES/UNION TERRITORIES  
( ALL INDIA—1981 CENSUS ) ( Provisional )**

Sr. No.	Name of the State/ Union Territory	* LITERACY RATIOS		
		Total	Males	Females
1	2	3	4	5
STATES :				
1.	Andhra Pradesh	29.94	39.13	20.52
2.	Assam	N.A.	N.A.	N.A.
3.	Bihar	26.01	37.78	13.58
4.	Gujarat	43.75	54.53	32.31
5.	Haryana	35.84	47.78	22.23
6.	Himachal Pradesh	41.94	52.36	31.39
7.	Jammu & Kashmir	N.A.	N.A.	N.A.
8.	Karnataka	38.41	48.61	27.83
9.	Kerala	69.17	74.03	64.48
10.	Madhya Pradesh	27.82	39.38	15.54
11.	Maharashtra	47.37	58.99	35.08
12.	Manipur	41.99	52.97	30.69
13.	Meghalaya	33.22	36.98	29.28
14.	Nagaland	41.99	49.16	33.72
15.	Orrissa	34.12	46.90	21.11
16.	Punjab	40.74	46.59	34.14
17.	Rajasthan	24.05	35.78	11.32

Table-19 (Contd.)

1	2	3	4	5
18.	Sikkim	33.83	43.65	22.07
19.	Tamil Nadu	45.78	57.19	34.12
20.	Tripura	41.58	51.05	31.60
21.	Uttar Pradesh	27.38	38.87	14.42
22.	West Bengal	40.88	50.49	30.33
UNION TERRITORIES :				
1.	Andaman & Nicobar Islands	51.27	58.44	41.85
2.	Arunachal Pradesh	20.09	27.98	11.02
3.	Chandigarh	64.68	68.82	59.30
4.	Dadra & Nagar Haveli	26.60	36.19	16.75
5.	Delhi	61.60	67.96	52.56
6.	Goa, Daman & Diu	55.86	64.77	46.78
7.	N. L. & A. Islands	54.72	64.97	44.21
8.	Mizoram	59.50	65.99	52.57
9.	Pondichery	54.23	64.00	44.30
All India :		36.17**	46.74	24.88

*Source :* Census of India—1981-Series-I India—Paper-I of 1981—Provisional Population totals

*Notes :* \* Percentages are worked out against total population

\*\*Excludes Assam & Jammu & Kashmir

N.A.—Not available

Table—20

POPULATION & DENSITY BY DISTRICTS  
GUJARAT STATE  
1981—CENSUS

(Provisional Figures)

Sr. No.	Name of the District	Population (in thousands)			Density of Population per Sq.Km
		Total Persons	Males	Females	
1	2	3	4	5	6
1.	Jamnagar	1,390	713	677	98
2.	Rajkot	2,058	1,056	1,002	184
3.	Surendranagar	1,033	534	499	99
4.	Bhavnagar	1,876	958	918	168
5.	Amreli	1,076	545	531	159
6.	Junagadh	2,099	1,074	1,025	198
7.	Kachchh	1,050	525	525	23
8.	Banaskantha	1,666	856	810	131
9.	Sabarkantha	1,498	758	740	203
10.	Mahesana	2,545	1,291	1,254	282
11.	Gandhinagar	287	149	138	443
12.	Ahmadabad	3,840	2,031	1,809	441

**Table-20 (Contd.)**

1	2	3	4	5	6
13. Kheda		3,007	1,570	1,437	418
14. Panchmahals		2,314	1,182	1,132	261
15. Vadodra		2,550	1,331	1,219	327
16. Bharuch		1,296	667	629	143
17. Surat		2,491	1,294	1,197	325
18. Valsad		1,771	893	878	238
19. The Dangs		114	58	56	65
Gujarat State :		<u>33,961</u>	<u>17,485</u>	<u>16,476</u>	<u>173</u>

Source : Census of India-1981, Series-5, Gujarat Paper-1  
of 1981. Provisional Population Totals

**Table—21**  
**LITERACY RATIOS IN GUJARAT**  
**(DISTRICT-WISE)**  
**1981—CENSUS**  
**(Provisional Figures)**

Sr. No.	Name of the District	Literacy Ratios		
		Total Persons	Males	Females
1	2	3	4	5
1.	Jamnagar	40.53	50.29	30.26
2.	Rajkot	48.91	58.30	39.01
3.	Surendranagar	37.17	48.24	25.32
4.	Bhavnagar	39.93	51.26	28.10
5.	Amreli	42.20	52.05	32.10
6.	Junagadh	41.62	52.62	30.11
7.	Kachchh	35.39	44.07	26.72
8.	Banaskantha	22.84	33.86	11.20
9.	Subarkantha	39.75	53.84	25.33
10.	Mahesana	47.45	59.49	35.04
11.	Gandhinagar	54.83	63.24	45.78
12.	Ahmadabad	55.88	65.30	45.31
13.	Khed	49.25	62.54	34.72
14.	Panchmahals	28.14	40.80	14.92
15.	Vadodra	48.17	58.46	36.94
16.	Bharuch	44.57	55.43	33.06
17.	Surat	46.68	55.04	37.65
18.	Valsad	47.07	55.81	38.17
19.	The Dangs	29.96	38.48	21.20
Gujarat State :		43.75	54.53	32.31

*Source* : Census of India 1981, Series-5, Gujarat Paper-1 of 1981. Provisional Population Totals

**Table—22**

**LIST OF OFFICERS IN THE**

**DIRECTORATE OF TECHNICAL EDUCATION &  
TECHNICAL EXAMINATIONS BOARD**

---

Sr. No.	Name	Designation	Tele. No.
1	2	3	4
<b>Directorate of Technical Education, Ahmadabad-15</b>			
1.	Prof. S. B. Kumta	Director	451002 (O) 412888 (R)
2.	Prof. H. S. Jain	Jt. Director	451233 (O) 451378(O)
3.	Prof. V. K. Kulkarni	Jt. Director	451233 (O) 451378 (O)
4.	Prof. A. Venkatadri	Jt. Director	451378 (O) 412962 (R)
5.	Prof. P. S. Desai	Placement & Training Officer	451233 (O) 451378 (O)
6.	Shri J. J. Khatri	Planning Officer	451233 (O) 451378 (O)
7.	Shri M. M. Shukla	Administrative Officer	451233 (O) 451378 (O)
8.	Shri D. K. Patel	Accounts Account Officer	451233 (O) 451378 (O)

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**Table—22 (contd.)**

1	2	3	4
9.	Shri S. M. Shah	Statistical Officer	451233 (O) 451378 (O)
10.	Shri N. U. Modi	Inspector	451233 (O) 451378 (O)
11.	Shri B. C. Sheth	Inspector	451233 (O) 451378 (O)
<b>Technical Examinations Board, Ahmadabad-15</b>			
12.	Prof. I. A. Mehta	Chairman	444135 (O) 451078 (R)
13.	Prof. B. R. Bakshi	Secretary	451030 (O)
14.	Shri S. G. Shah	Asstt. Secretary	451030 (O)

*Note* : (O)—Office  
(R)—Residence

**Table—23**

**LIST OF ENGINEERING COLLEGES, POLYTECHNICS AND TECHNICAL HIGH SCHOOLS/  
INSTITUTIONS IN GUJARAT WITH NAMES OF  
HEADS AND TELEPHONE NUMBERS**

Sr. No.	Name of the Institution	Name of the Head & Designation	Tele. No.
1	2	3	4
<b>I. ENGINEERING/TECHNICAL/ PHARMACY COLLEGES :</b> (Degree & Post Graduation)			
<b>A. Government</b>			
1.	L. D. College of Engineering, Navrangpura, Ahmadabad	Prof. B. V. Char Principal	441752
2.	Lukhadhirji Engineering College, Morbi	Prof. V. K. Chavda Principal	2255
<b>B. Regional</b>			
1.	S. V. Regional College of Engineering & Technology, Surat.	Dr. Y. V. N. Rao Principal	87334(O) 87394(R)

Table—23 (contd.)

1	2	3	4
<b>C. Non-Government</b>			
1.	Faculty of Technology & Engineering, M. S. University, Vadodara	Prof. O. H. Patel Dean	51792 53698
2.	Birla Vishwa- karma Mahavidyalaya, Post : Vallabh. Vidyanagar,	Dr. R. M. Dave Principal	7004
3.	D. D. Institute of Technology, College Road, Nadiad,	Dr. H. M. Desai Principal	3354(O) 3355(R)
4.	School of Archi- tecture, Navrangpura, Ahmadabad	Dr. H. C. Patel Hon. Director	442470(O) 448926(R)
5.	School of Planning, C/o. School of Architecture, Navrangpura, Ahmadabad	Dr. B. V. Doshi Hon. Director	442470(O) 36730(R)

**Table—23(Contd.)**

1	2	3	4
	6. L. M. College of Pharmacy, Navrangpura, Ahmadabad-	Dr. B.M. Trivedi Principal	440746
<b>II. POLYTECHNICS &amp; TECHNICAL INSTITUTIONS :</b>			
(Diploma & Post Diploma)			
<b>A. Government</b>			
	1. Government Polytechnic, Valsad	Shri B. S. Shah Principal	2515
	2. Dr. S. & S. S. Gandhy College of Engineering & Technology, Surat	Shri B. C. Shah Principal	86198
	3. K. J. Poly- technic, Near Bharuch	Shri J. H. Shah Principal	215
	4. Government Polytechnic, Dahod.	Shri J. R. Desai Principal	91

**Table—23(Contd.)**

1	2	3	4
5.	K. D. Poly- technic, Patan (N.G.)	Shri U. C. Dave Principal	2419
6.	Government Polytechnic Ahmadabad-	Shri J. R. Dave Principal	451275(P) 451285(O)
7.	R. C. Technical Institute, Ahmadabad-	Shri S. S. Patel Principal	361267
8.	Lukhdhirji Engineering College Morbi-	Prof. V.K. Chavda Principal	2255
9.	Government Polytechnic, Rajkot	Shri T. J. Tolia Principal	7391
10.	A. V. Parekh Technical Institute, Rajkot	Shri B. S. Subbarao Principal	24621
11.	Sir Bhavsinhji Polytechnic Institute, Bhavnagar.	Shri L. G. Chitnis Principal	3393

**Table—23(Contd.)**

1	2	3	4
12.	Government Polytechnic, Porbandar,	Shri M. M. Patel Principal	267
13.	L. D. College of Engineering, Navrangpura, Ahmadabad-	Prof. B. V. Char Principal	441752
<b>B. Government Polytechnic for Girls :</b>			
1.	Government Polytechnic for Girls, Navrangpura, Ahmadabad-	Smt. A. Kulshrestha Principal	440581
2.	Government Polytechnic for Girls, Athwa Gate, Surat	Shri A. A. Bhavsar Principal	29117
<b>C. Non-Government</b>			
1.	Faculty of Technology & Engineering, M. S. University, Vadodara-	Prof. O. H. Patel Dean	51792 53698

**Table—23(Contd.)**

1	2	3	4
2.	Polytechnic, M.S. University Vadodara	Shri B. S. Patel Principal	63905
3.	B & B Poly- technic, P.O. Vallabh Vidhyanagar	Shri R. C. Desai Principal	7368
4.	D.D. Institute of Technology, College Road, Nadiad	Dr. H. M. Desa Principal	3354(O) 3355(R)
5.	T. F. Gandhi- dham Polytechnic, Adipur, Dist. Kachchh	Shri G. C. Asnani Principal	6058(O) 6109(R)
6.	L. M. College of Pharmacy, Navrangpura, Ahmadabad.	Dr. B. M. Trivedi Principal	440746
7.	M. N. College of Pharmacy, Khambhat.	Shri B.D.Parikh Principal	2454
<b>D. Certificate level Institutions (Government) :</b>			
1.	Wier Industrial Institute, Dharampur, Dist. Valsad.	Shri D. B. Patel Principal	—

**Table—23 (Contd.)**

1	2	3	4
2.	Food Craft Institute, Ambawadi, Ahmadabad.	Shri N. M. Rafik Principal	
<b>III. TECHNICAL HIGH SCHOOLS :</b>			
<b>A. Government</b>			
1.	Government Technical High School C/o R. C. Technical Institute, Ahmadabad.	Shri T. M. Shah Principal	361207
2.	Government Technical High School, Gheekanta road, Ahmadabad.	Shri K.M. Panchal Principal	22228
3.	Desai K. J. Technical High School, Viramgam, Dist. Ahmadabad	Shri D.N. Thakarda Principal	104
4.	F. S. Parekh Technical High School, Sonifalia, Surat	Shri J.K. Thakkar Principal	25301



**Table—23 (Contd.)**

1	2	3	4
5.	Government Technical High School, Valsad	Shri K. R. Mistry Principal	3361
6.	Navsari Technical Institute, Navsari, Dist. Valsad	Shri N.R. Prajapati Principal	391
7.	Government Technical High School, Bharuch	Shri J. N. Patel Principal	245
8.	Government Technical High School, Vadodara	Shri G. D. Patel Principal	55935
9.	Government Technical High School Godhra, Dist. Panchmahale	Shri P. R. Kalal Principal	2218
10.	Government Technical High School, Dahod	Shri J. V. Suthar Principal	81

**Table—23 (Contd.)**

1	2	3	4
11.	Government Technical High School, Palanpur. Dist. Banaskantha	Shri A. D. Suthar Principal	2496
12.	Government Technical-cum- Commercial centre, Modasa.	Shri C. D. Joshi Principal	290
13.	R. B. Sheth & P. K. Kotawala Industrial-cum- Technical High School, Patan (N.G.)	Shri A. K. Patel Principal	2470
14.	Government Technical Institute, Kalol (N.G.)	Shri R. B. Patel Principal	2321
15.	P. N. Technical High School, Kapadwarj.	Shri G.H. Dhuvad Principal	112
16.	Government Technical High School, Surendranagar	Shri K. N. Patel Principal	286

Table—23 (Contd.)

1	2	3	4
17. Government Technical High School, Dhrangadhra, Dist. Surendra- nagar	Shri H. V. Parikh Principal		421
18. K. K. Parekh Technical Institute, Amreli	Shri R.K. Sonagra Principal		2467
19. Government Technical High School, Dhoraji, Dist. Rajkot	Shri M. A. Advani Principal		—
20. Government Technical High School, Junagadh	Shri J. K. Desai Principal		241
21. Government Technical High School, Bhavnagar.	Shri A. K. Jadeja Principal		3706
<b>B. Government multipurposes High Schools :</b>			
1. S. V. Virani High School, Rajkot	Shri V. V. Antani Principal		24676

**Table—23 (Contd.)**

1	2	3	4
2.	M. G. Vidyalaya, Rajkot	Shri S. B. Mandlik Principal	24967
3.	Bhavsinhji High School, Porbandar, Dist. Junagadh	Shri J. K. Purohit Head Master	1529
4.	Alfred High School, Bhuj, Dist. Kachchh	Shri U. V. Swadiya Principal	341
5.	D. S. & B. B. Model Multi-purpose Government Technical High School, Ambrama, Dist. Valsad	Shri J. D. Kagi Principal	41
6.	V. C. High School, Morbi, Dist. Rajkot.	Shri R. I. Dholakia Principal	2348
<b>C. Non-Government :</b>			
1.	Diwan Ballubhai Madhyamik Shala, Kankaria, Ahmadabad	Shri R. I. Mehta Principal	51292

**Table—23 (Contd.)**

1	2	3	4
2.	C. N. Vidyalaya, Ambawadi, Ahmadabad	Shri S. K. Shah Principal	412996(P) 412822(O)
3.	Technical High School, Kadi, Dist. Mahesana	Shri T. K. Suthar Principal	51
4.	D. D. Technical High School, Nadiad, Dist. Kheda	Smt. I. H. Patel Principal	3554
5.	Shri M. U. Patel High School, Vallabh Vidyanagar, Dist. Kheda	Shri B. F. Patel Principal	7373
6.	S. Z. Waghela High School, Khambhat, Dist. Kheda	Shri K. N. Bhatt Superintendent	2408
7.	V. B. Vividh- lakshi High School, Sunav, Dist. Kheda	Shri C. H. Patel Principal	42
8.	V. N. High School, Dharmaj, Dist. Kheda	Shri M. M. Thaker Principal	59

**Table—23 (Contd.)**

1	2	3	4
9.	C. M. Patel High School, Khmabholaj, Dist. Kheda	Shri V. K. Patel Principal	4 (Sarsa)
10.	Parekh & Mehta High School, Jafrabad, Dist. Amreli	Shri R. M. Rajguru Principal	37
11.	Shri J. P. Parekh High School, Mahuva, Dist. Bhavnagar	Shri R. M. Joshi Principal	503
12.	Gurukul Mitramandal & Vaniya Vidyamandir, Palitana, Dist. Bhavnagar	Shri S. K. Pandya Head Mastar	169
13.	D C C High School, Sikka, Dist. Jamnagar	Shri S. L. Sharma Principal	43
14.	Kadod High School, Kadod, Dist. Surat.	Shri N. N. Naik Principal	29(Mathi Ex)
15.	Navanagar High School, Jamnagar	Shri P. H. Shah Principal	4446

**Table—23(Contd.)**

1	2	3	4
16.	Madresa Taiyebia Technical High School, Surat	Shri S. H. Khariulla Principal	23693
17.	K & M P Patel Sarvajnik Vidyalaya, Amroli, Dist. Surat.	Shri B. T. Vakil Principal	31726

**Table—24**

**LIST OF UNIVERSITIES IN THE STATE AND  
AFFILIATED ENGINEERING COLLEGES/FACULTY**

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Sr. No.	Name of University	Name of Affiliated College
1	2	3
1.	Gujarat University, Ahmadabad-380 009	1. L. D. College of Engin- eering, Ahmadabad 2. D. D. Institute of Tech- nology, Nadiad 3. L. M. College of Pharmacy, Ahmadabad
2.	Saurashtra University, 1. Rajkot	L. E. College, Morbi
3.	South Gujarat University, Surat	1. S. V. Regional College of Engg. and Technology, Surat
4.	Sardar Patel University, Vallabh Vidyanagar	1. B. V. Mahavidyalaya, Vallabh Vidyanagar
5.	M. S. Univeristy, Vadodara	1. Faculty of Engg. & Technology, M. S. University, Vadodara
6.	Gujarat Vidyapith, Ahmadabad	NIL

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Table—24(Contd.)

1	2	3
7.	Gujarat Agricultural University, Dantiwada Campus, Sardar Patel Krishinagar, B.K.	NIL
8.	Ayurvedic University, Jamnagar	NIL
9.	Bhavnagar University, Bhavnagar.	NIL

*Note* : School of Architecture, Ahmadabad and School of Planning, Ahmdaabad are autonomous Institutions administratively as well as academically with no affiliation to any University

**Table—25**

**LIST OF COURSES (DEGREE AND DIPLOMA)  
1980-81**

Sr.No.	Name of Courses	I ntake
1	2	3
<b>A. Post Graduation Degree</b>		
1. Civil Engineering	.. ..	76
2. Mechanical Engineering	.. ..	46
3. Electrical Engineering	.. ..	39
4. Metallurgical Engineering	.. ..	10
5. Textile Engineering	.. ..	10
6. Pharmacy	.. ..	28
7. Chemical Engineering	.. ..	5
	Total-A	214
<b>B. Post Graduation Diploma</b>		
1. Refrigeration & Air-conditioning	.. ..	5
2. Planning	.. ..	25
3. Low Cost Housing (Architecture)	.. ..	5
	Total-B	35
<b>C. Degree</b>		
1. Civil Engineering	.. ..	692
2. Mechanical Engineering	.. ..	511
3. Electrical Engineering	.. ..	390
4. Chemical Engineering	.. ..	120

**Table—25(Contd.)**

1	2	3
5.	Instrumentation and Control	15
6.	Electronics and Communication	30
7.	Textile Technology	40
8.	Production Engineering	20
9.	Metallurgy	40
10.	Pharmacy	112
11.	Textile Engineering	20
12.	Electronics	20
13.	Textile Chemistry	10
14.	Architecture (Diploma) Equivalent to Degree	70
	Total-C	2090
<b>D. Post Diploma</b>		
1.	Refrigeration and Air-conditioning	20
2.	Sales Management	25
3.	Power Plant Engineering	20
4.	Production Engineering	40
5.	Telecommunication	5
6.	Instrumentation and Control	30
7.	Television Engineering	20
8.	Construction Engineering	10
9.	Automobile Engineering	10
10.	Material Handling Technology..	10
11.	Bio Medical Instrumentation	10
	Total-D	200
<b>E. Diploma</b>		
1.	Civil Engineering	1372
2.	Mechanical Engineering	1064
3.	Electrical Engineering	710

Table—25(Contd.)

1	2	3
4.	Textile Technology .. ..	15
5.	Textile Chemistry .. ..	45
6.	Chemical Engineering .. ..	70
7.	Man-Made Fibres Fabrics .. ..	25
8.	Man-Made Fibres Wet Processing .. ..	30
9.	Printing Technology .. ..	30
10.	Textile Manufacturing .. ..	75
11.	Automobile Engineering .. ..	90
12.	Electronics and Radio Engineering .. ..	120
13.	Electronics and Sound Engineering .. ..	10
14.	Plastic Engineering .. ..	30
15.	Metallurgy .. ..	15
16.	Pharmacy .. ..	190
17.	Technology of Processing Oil and Gas .. ..	15
18.	Technology of Production of Fertilizers .. ..	15
19.	Technology of Production of Synthetic, Resins and Plastics .. ..	15
20.	Machine Tools Technology .. ..	40
21.	Tools Engineering .. ..	40
22.	Ceramic Technology .. ..	15
23.	Commercial Practice .. ..	200
24.	Architectural Assistantship .. ..	60
25.	Commercial Art .. ..	30
26.	Costume Design and Dress Making .. ..	60
27.	Home Science .. ..	45
28.	Garment Making .. ..	15
	Total-E .. ..	4441
	Total—'A' to 'E' .. ..	6980

**Table—26**

**EMPLOYMENT IN PUBLIC AND PRIVATE SECTORS**

Sr. No.	Category	Number of Persons Employed As on 30th June		
		1978 3	1979 4	1980 5
<b>A. PUBLIC SECTOR</b>		6,73,157	7,05,666	7,36,246
1.	Central Government	1,26,480	1,25,541	1,26,601
2.	State Government	1,60,134	1,71,434	1,86,508
3.	Quasi Government	1,66,588	1,78,873	1,89,101
4.	Local Bodies.	2,25,955	2,29,818	2,34,036
<b>B. PRIVATE SECTOR</b>		5,35,280	5,55,362	5,73,382
	<b>Total 'A' + 'B'</b>	<b>12,14,437</b>	<b>12,61,028</b>	<b>13,09,628</b>

**C. EMPLOYMENT IN PUBLIC  
& PRIVATE SECTOR BY  
INDUSTRIAL CLASSIFICATION**

1.	Agriculture, hunt- ing, forestry & fishing	18,135	13,967	16,506
2.	Mining & Quarrying	15,949	15,345	16,110
3.	Manufacturing	4,58,692	4,82,136	5,01,693

**Table—26(Contd.)**

1	2	3	4	5
4.	Electric, Gas & Water	27,304	27,321	28,719
5.	Construction	59,296	65,755	71,877
6.	Wholesale & Retail Trade & Restaurant Business	22,029	22,033	17,293
7.	Transport, Storage & Communications	1,53,676	1,58,582	1,64,646
8.	Financing Insurance, Real Estate & Business Services	52,319	58,386	61,363
9.	Community, Social & Personal Services	4,07,037	4,17,503	4,31,421
Total :		12,14,437	12,61,028	13,09,628

Table—27

EMPLOYMENT SEEKERS BY LEVEL OF EDUCATION

Sr. No.	Level of Education	1977	1978	1979
1	2	3	4	5
1	S.S.C.	1,62,845	1,76,135	1,84,934
2	Inter	13,323	15,347	18,395
3	Diploma	4,282	4,640	3,960
4	Graduates	41,711	44,279	42,542
	(a) Arts	14,510	15,753	15,576
	(b) Science	6,676	5,967	4,542
	(c) Commerce	15,166	15,905	14,370
	(d) Others.	5,359	6,654	8,054
5	Engineering Graduates	1,371	1,119	896
	(a) Civil	738	466	241
	(b) Mechanical	265	361	293
	(c) Electrical	184	134	146
	(d) Others.	184	158	216
6	Post Graduates	2,831	2,774	2,798
	(a) Arts	1,171	1,222	1,281

Table—27(Contd.)

1	2	3	4	5
	(b) Science	812	681	679
	(c) Commerce	610	574	555
	(d) Others.	238	297	273
7	Engineering Post Graduates	9	7	3
	(1) Total Educated Un-employed	2,26,372	2,44,301	2,53,528
	(2) Total Un-educated Un-employed	1,66,326	1,58,760	1,73,358
	Grand Total (1)+(2)	3,92,698	4,03,061	4,26,886

Sub. National Systems Unit,

National Institute of Educational

Planning and Administration

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Date..... 27/3/84

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