



सत्यमेव जयते

GOVERNMENT OF GUJARAT

POCKET BOOK

OF

**TECHNICAL EDUCATION
STATISTICS - 1989**

: PUBLISHED BY :

DIRECTORATE OF TECHNICAL EDUCATION

(Statistics & Manpower Cell)

GOVERNMENT OF GUJARAT

GANDHINAGAR - 382 010 INDIA

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TABLE:1

RELATED INFORMATION & STATISTICS,
GUJART STATE - 1989

Sr. No.	Items	Particulars
1	2	3
A	Total Area (Sq. Km.)	1,95,984
B	Population (1981 Census)	3,40,85,799
B-1	No. of Literates :	
	(a) General	Total 1,48,95,844 Male 95,55,269 Female 53,40,575
	(b) Scheduled Caste	Total 9,70,149 Male 6,67,185 Female 3,02,964
	(c) Scheduled Tribes	Total 10,25,105 Male 7,46,236 Female 2,78,869
C	Name of the Administrative Department in Secretariate	Science & Technology Department (Education Department)

Table: 1 (Contd.)

1	2	3
D	Location of the Secretariate	Block No. 5 / 7th & 8th Floors, Sardar Bhavan, Gandhinagar-382 010 (Grams : EDSEC)
E	Name of the Minister incharge of Technical Education	Shri Arvindbhai Sanghvi Tele. No. 6445 (O) PABX 20366 (O) 22120 (R) Gandhinagar
F	Name of the Secretary	Shri L. M. Sud Tele. No. 6424 (O) PABX 20244 (O) 79027 (R) Ahmadabad
G	Location of the Directorate	Block & Floor No. 2, Dr. Jivraj Mehta Bhavan, Gandhinagar-382 010 [Grams : EDUTECH (N)]
H	Name of the Director	Prof. N. R. Dave Tele. No. 8200 (O) PABX 21883 (O) 490579 (R) Ahmadabad

Table:1 (Contd.)

1	2	3
I	Location of the Technical Examinations Board	Block No. 2, 3rd Floor, Dr. Jivraj Mehta Bhavan, Gandhinagar-382 010
J	Name of the Chairman	Shri B. C. Shah Tele. No. 8523 (O) PABX 20728 (O) 465579 (R) Ahmadabad
K	Technical Institutions (As on 01-08-1989)	
	(1) Engineering Colleges/ Technological Instts. (Degree & Post Graduation)	13
	(2) Polytechnics/Diploma & Post Diploma Institutions	29
	(3) Technical High Schools/ Vocational Centres/Institutions	49
	(4) Other Recognised Technical/ Vocational Institutions	105

Table : 1 (Contd.)

1	2	3
L Accreditation Authorities		
(a) Degree Courses	Concerned Universities to which the institutions are affiliated. ❖❖	
(b) Diploma and Certificate Courses	Technical Examinations Board, Gandhinagar Pin. 382 010	

❖ Including 6 Government Vocational Centres.

■ Tailoring & allied courses have been discontinued by Govt. from June, 1988.

❖❖ Diploma award for Pharmacy Courses is conferred by the concerned Universities & Diploma in Architecture is awarded by the Institute itself.

(O) Office

(R) Residence

TABLE:2

TOTAL STAFF EMPLOYED IN THE INSTITUTIONS - 1989

Sr. No.	Institutions	EMPLOYEES					
		Admi- nistra- tive	Teach- ing	Instru- ctors	Minis- terial	Class IV	Total
1	2	3	4	5	6	7	8
1	Degree Institutions	76	1110	486	276	545	2493
2	Diploma Instts.	48	1062	611	289	684	2694
3	Technical/Multi- Purpose High Schools (Including Govt. Vocational Centres)	55	273	456	170	440	1394
TOTAL:		179	2445	1553	735	1669	6581

TABLE:3
 NUMBER OF TEACHERS & TEACHER-STUDENT RATIO
 (1989)

Sr. No.	Type of Institution	1987-88		1988-89	
		No. of Teachers	Ratio	No. of Teachers	Ratio
1	2	3	4	5	6
1	Engineering Colleges	1017	1:10	1110	1:09
2	Polytechnics	1109	1:13	1062	1:14
3	Technical High Schools	278	1:50	273	1:50

TABLE: 4
EXPENDITURE ON TECHNICAL EDUCATION
IN GUJARAT STATE: 1988 - 89

Sr. No.	Details of Expenditure	Plan	Non-Plan (Rs. in Lakhs)	Total
1	2	3	4	5
1	Administration (Including T.E.B.)	4.08	80.87	84.95
2	Degree Education (Including Science & Technology Expn.)	51.20	535.72	586.92
3	Diploma Education	81.64	792.43	874.07
4	Technical High Schools	25.99	315.27	341.26
5	Research & Training	—	3.00	3.00
6	Scholarships	—	0.09	0.09
TOTAL: (Technical Education)		162.91	1727.38	1890.29
7	Tribal Sub-Plan	2.14	16.87	19.01
GRAND TOTAL:-		165.05	1744.25	1909.30

TABLE:5
BUDGET ESTIMATES FOR 1989 - 90

Sr. No.	Details of Expenditure	Plan	Non-Plan (Rs. in Lakhs)	Total
1	2	3	4	5
	1 Administration (Including T.E.B.)	8.50	79.50	88.00
	2 Degree Education	55.46	518.93	574.39
∞	3 Diploma Education	110.60	803.80	914.40
			25.00	25.00
	4 Technical High Schools	23.45	307.50	330.95
	5 Research & Training	—	3.20	3.20
	6 Scholarships	0.20	0.35	0.55
	TOTAL: (Technical Education)	198.21	1738.28	1936.49
	7 Tribal Sub-Plan	2.60	16.70	19.30
	GRAND TOTAL:-	200.81	1754.98	1955.79

TABLE: 6

NUMBER OF EDUCATIONAL INSTITUTIONS IN INDIA

1989
(2)

Sr. No.	Type of Institutions	Number of Institutions	
		1986-87	1987-88
1	2	3	4
1	Pre-Primary Schools	11,844	14,765
2	Primary Schools	5,37,399	5,43,677
3	Middle Schools	1,37,196	1,41,011
4	High Schools	53,172	54,845
5	Higher Secondary Schools (Old Pattern)	898	897
6	Higher Secondary Schools (New Pattern)	10,170	11,115
7	Inter/Junior Colleges	4,655	4,448
8	Arts, Science & Commerce Colleges	4,151	4,329

9

Table: 6 (Contd.)

1	2	3	4
9	Universities	130	142
10	Technical/Industrial Arts and Crafts Schools	N. A.	3,720
11	Polytechnics	N. A.	782
12	Engineering & Technology Colleges	N. A.	262
13	Medical Colleges (M.B.B.S. only)	N. A.	129

Source: Selected Educational Statistics : 1987-88 published
by Planning, Monitoring & Statistics Division,
Ministry of Human Resource Development (Department
of Education), Government of India, New Delhi.

TABLE:7
GROWTH OF ENGINEERING / TECHNICAL INSTITUTIONS

Sr.No.	Category	1960-61	1970-71	1980-81	1989-90
1	2	3	4	5	6
11	1 Engineering/Technological/ Pharmacy Institutions :				
	(a) Government	2	2	2	5
	(b) Regional	-	1	1	1
	(c) Non-Government	3	5	6	7
	2 Polytechnics/Technological Pharmacy Institutions :				
	(a) Government	10	13	15	21 ★
(b) Non-Government	4	4	7	8 ★	

Table:7 (Contd.)

1	2	3	4	5	6	
12	3	Technical High Schools/ Institutes :				
	(a)	Government	25	26	27	27
	(b)	Non-Government	14	18	17	16
	4	Recognised Institutions/ Classes for Certificate Courses :				
	(a)	Government	14	17	65	30 ■
	(b)	Non-Government	97	198	517	75 ✕

★ Excluding six degree colleges, also conducting diploma courses.

■ Including six Government Vocational Centres.

✕ Tailoring & allied courses have been discontinued by government from June, 1988.

TABLE:8
NUMBER OF COURSES AND INTAKE — ALL COURSES

Sr. No.	Name of Courses	— Y E A R —							
		1960-61		1970-71		1980-81		1989-90	
		No. of courses	In-take	No. of courses	In-take	No. of courses	In-take	No. of courses	In-take
1	2	3	4	5	6	7	8	9	10
1	Degree Courses (P. G.)	4	49	5	165	10	240	14	412
2	Diploma Courses (P. G.)	-	-	1	10	3	35	1	25
3	Degree Courses (F. T.)	7	1020	10	1765	14	1945	20	2693
4	Degree Courses (P. T.)	-	-	8	100	4	145	4	415

Table:8 (Contd.)

	1	2	3	4	5	6	7	8	9	10
14	5	Post-Diploma Courses	-	-	8	225	11	200	7	215
	6	Post-B.Sc. Diploma	-	-	-	-	-	-	8	106
	7	Diploma Courses (F. T.)	9	1655	27	2729	28	4096	31	5510
	8	Diploma Courses (P. T.)	-	-	6	505	5	345	12	1260
	9	S.S.C. (Technical)	1	2010	1	3150	1	3945	1	5130
	10	Certificate Courses	25	6615	37	11309	66	29525	70	7385

P. G. — Post Graduate

F. T. — Full Time

P. T. — Part Time

TABLE:9

ACTUAL ADMISSION AND ENROLMENT

Sr. No.	Type of Institution	1960-61	1970-71	1980-81	1989-90
		Admission (Enrol- ment)	Admission (Enrol- ment)	Admission (Enrol- ment)	Admission (Enrol- ment)
1	2	3	4	5	6
1	Engineering Colleges and/or Technological Institutions	1029 (3540)	1813 (7982)	2508 (9530)	3357 (11179)
2	Polytechnics (Diploma Institutions)	1639 (3695)	2730 (6679)	5041 (11953)	6498 (16644)
3	Technical High Schools	1755 (6095)	2710 (9386)	4743 (11232)	5249 (13976)
4	Recognised Institutions/ Classes for Certificate Courses	2518 (3515)	5818 (7887)	28762 (29947)	4386 (4462)

TABLE:10
OUT - TURN (ALL COURSES)

Sr. No.	Type of Courses	No. of Students Passed			
		1960-61	1970-71	1980-81	1988-89
1	2	3	4	5	6
1	Degree in Engineering/ Technology	792	1739	1809	2240
2	Diploma in Engineering/ Technology	1034	2230	4146	4153
3	S. S. C. (Technical)	478	1560	2145	3482
4	Technical & Vocational Certificates	3014	5438	17391	2771

TABLE:11

**DETAILS ON INTAKE CAPACITY, RESER-
VATION, ADMISSION, ENROLMENT &
OUT-TURN OF BACKWARD CLASS
STUDENTS IN ENGINEERING COLLEGES
AND POLYTECHNICS (1989-90)**

Sr. No.	Items	Category of Students	Details of Courses	
			Degree [P]	Diploma [P]
1	2	3	4	5
1	Intake Capacity :	—	2660	5400
2	Percentage of Reservation :	S. C.	7%	7%
		S. T.	13%	14%
		S. & E.B.C.	10%	10%
3	Admission :	S. C.	117	281
		S. T.	43	446
		S. & E.B.C.	67	379
4	Enrolment :	S. C.	310	789
		S. T.	98	1152
		S. & E.B.C.	200	975
5	Out-Turn :	S. C.	53	137
		S. T.	14	134
		S. & E.B.C.	48	167

[P] Provisional

TABLE: 12
SPECIAL DIPLOMA COURSES AVAILABLE
FOR WOMEN STUDENTS IN VARIOUS
INSTITUTIONS 1989 - 90

Sr. No.	Name of the Course	Name of the Institution	Intake Capacity
1	2	3	4
1	Commercial Practice	1 Government Polytechnic for Girls, Ahmadabad	45
		2 Government Polytechnic for Girls, Surat	30
		3 A. V. Parekh Technical Institute, Rajkot	15
		4 Sir Bhavsinhji Polytechnic Institute, Bhavnagar	30
		5 Kilachand Devchand Polytechnic, Patan (N. G.)	15
		6 Govt. Polytechnic, Bhuj	20
Total :			155
2	Electronics & Radio Engineering	1 Government Polytechnic for Girls, Ahmadabad	45
		2 Government Polytechnic for Girls, Surat	15
Total :			60

Table:12 (Contd.)

1	2	3	4
3	Costume Design & Dress Making	1 Government Polytechnic for Girls, Ahmadabad	30
		2 Sir Bhavsinhji Polytechnic Institute, Bhavnagar	30
		3 A. V. Parekh Technical Institute, Rajkot	30
Total:			90
4	Architectural Assistantship	1 Government Polytechnic for Girls, Ahmadabad	30
		2 Government Polytechnic for Girls, Surat	30
Total:			60
5	Home Science	1 Sir Bhavsinhji Polytechnic Institute, Bhavnagar	30
		2 Kilachand Devchand Polytechnic, Patan (N.G.)	15
		3 T. F. Gandhidham Polytechnic, Adipur	20
Total:			65

Table:12 (Contd.)

1	2	3	4
6	Commercial Art	1 Government Polytechnic for Girls, Surat	30
			Total : 30
7	Computer Technology	1 Government Polytechnic for Girls Surat	25
			Total : 25
8	Personal Secretarial Practice (Post Diploma)	1 Government Polytechnic for Girls, Surat	15
			Total : 15
9	Interior Design	1 Government Polytechnic for Girls, Ahmadabad	10
			Total : 10
GRAND TOTAL...			510

NOTE: All the other Diploma and Degree Courses run in the other institutions are open to women students for admission on merit.

TABLE:13
LIST OF COURSES
(DEGREE & DIPLOMA)
1989-90

Sr. No.	Name of Courses	Intake Capacity
1	2	3
A.	POST GRADUATION DEGREE (6)	
1	Civil Engineering	95
2	Mechanical Engineering	40
3	Electrical Engineering	50
4	Industrial Metallurgy	20
5	Textile Engineering	5
6	Pharmacy	27
7	Chemical Engineering	20
8	Computer Application	120
9	Water Resources Management	10
10	Textile Chemistry	5
11	Computer Aided Structural Analysis & Design (Electronics)	10
12	M. Sc. (Geo. Tech.)	10
	Total—A	412

Table:13 (Contd.)

1	2	3
B.	POST GRADUATION DIPLOMA (1)	
	1 Planning	25
	Total—B	<u>25</u>
C.	DEGREE (FULL TIME) (12)	
	1 Civil Engineering	622
	2 Mechanical Engineering	475
	3 Electrical Engineering	345
	4 Chemical Engineering	120
	5 Instrumentation & Control	90
	6 Electronic & Communication Engineering	90
	7 Textile Technology	50
	8 Production Engineering	120
	9 Metallurgy	45
	10 Pharmacy	168
	11 Textile Engineering	30
	12 Electronics	135

Table:13 (Contd.)

1	2	3
13	Architecture (Diploma)	
	Equivalent to Degree	71
14	Water Management	30
15	Environmental Engineering	20
16	Computer Engineering	155
17	Rubber Technology	10
18	Industrial Engineering	50
19	Power Electronics	20
20	Plastic Engineering	10
21	Post B. Sc. (Tech.)	15
22	Post B. Sc. (Electronics)	22
	Total—C	<u>2,693</u>

D. DEGREE (PART TIME) (6)

1	Civil Engineering	145
2	Mechanical Engineering	160

Table: 13 (Contd.)

1	2	3
	3 Electrical Engineering	95
	4 Electronics & Communication Engineering	15
	Total—D	<u>415</u>
E.	POST DIPLOMA (7)	
	1 Refrigeration & Air Conditioning	35
	2 Industrial Electronics	20
	3 Technical Sales Management	25
	4 Interior Design	10
	5 Dairy Engineering	20
	6 Personnel Secretarial Practice	15
	7 Computer Applications	90
	Total—E	<u>215</u>
F.	POST B. SC. DIPLOMA (1)	
	1 Corrosion Technology	5
	2 Environmental Science	11

Table:13 (Contd.)

1	2	3
	3 Geo Technology	10
	4 Material Testing Technology	5
	5 Solid State Electronics	10
	6 Operation Research	5
	7 Computer Application	30
	8 Textile Chemistry	30
	Total—F	106

G. DIPLOMA (FULL TIME) (33)

1	Civil Engineering	1145
2	Mechanical Engineering	1220
3	Electrical Engineering	935
4	Textile Manufacturing	75
5	Textile Chemistry	50
6	Man Made Fibre Fabrics	85
7	Man Made Fibre Wet Processing	55
8	Fabrication Technology	20

Table: 13 (Contd.)

1	2	3
9	Plastic Engineering	30
10	Chemical Engineering	130
11	Automobile Engineering	90
12	Printing Technology	30
13	Ceramic Technology	30
14	Metallurgy	30
15	Instrumentation & Control	60
16	Computer Technology	120
17	Power Electronics	20
18	Electronics & Sound Engineering	30
19	Electronics & Radio Engineering	200
20	Commercial Practice	215
21	Architectural Assistantship	60
22	Commercial Art	30
23	Costume Design & Dress Making	90
24	Home Science	65
25	Textile Technology	20
26	Petro Chemical Technology	45
27	Hotel Management & Catering Technology	60
28	Industrial Safety	100

Table: 13 (Contd.)

1	2	3
29	Pharmacy	420
30	Building Construction Technology	30
31	Water Resource Engineering	20
	Total—G	5,510
H. DIPLOMA (PART TIME) (18)		
1	Civil Engineering	355
2	Mechanical Engineering	365
3	Electrical Engineering	290
4	Machine Tools Technology	25
5	Tools Engineering	40
6	Textile Chemistry	30
7	Automobile Engineering	30
8	Plastic Engineering	15
9	Textile Design	30
10	Man Made Fibre Fabrics	30
11	Man Made Fibre Wet Processing	30
12	Textile Manufacturing	20
	Total—H	1,260

NOTE: Figures in the bracket show the Number of Institutes.

TABLE:14
LIST OF CERTIFICATE COURSES
1989 - 90

Sr. No.	Name of Course	Intake Capacity
1	2	3
A. I. T. I. COURSES :		
1	Refrigeration & Air-Conditioning	144
2	Watch & Clock Repairing	16
3	Draftsman Civil	336
4	Draftsman Mechanical	464
5	Motor Mechanic	96
6	Electrician	144
7	Turner	144
8	Fitter	432
9	Wireman	192
10	Welder	48
11	Stenography (Gujarati)	16
12	Radio & T. V. Mechanic	144
13	Hand Composing	16

Table:14 (Contd.)

1	2	3
	14 Stenography (English)	16
	15 Surveyor	16
	16 General Mechanic	32
	17 Instrument Mechanic	64
	Total—A	<u>2,320</u>

B. ENGG. & ALLIED TRADE COURSES :

18	Electrical Installation, Wiring & Jointing	1220
19	Electronics Fabrication & Assembling Mechanic	260
20	Radio Servicing	100
21	Civil & Architectural Drafting & Estimating	350
22	Mechanical Drafting & Estimating	160
23	Electrical Motor Rewinding & Service	380
24	Electrical Service Technician	230
25	Maintenance Technician	85
26	Flower Arrangement	20

Table:14 (Contd.)

1	2	3
27	Card Board Work & Book Binding	100
28	Leather Work	160
29	Toy & Doll Making	20
30	Radio Servicing (P. T.)	40
31	Auto Engine Mechanic	20
32	Laboratory Technician	40
33	Refrigeration & Air-Conditioning Appliances Mechanic	20
34	Radiography/EQG & Operation Theatre Technology	20
35	Medical Laboratory Technology	60
36	Furniture Making	30
37	Carpentry Trade	20
38	Consumers' Electronics	140
39	Carpentry Practice	70
40	Turner	200
41	Fitter	330
42	Production Technician	65
43	Feb Fitter-Cum-Welder	20
44	Press Tools & Die Mechanic	20
45	Motor Mechanic	20
46	Cine Projection (P.T.)	20

Table:14 (Contd.)

1	2	3
47	Wireless Telegraphy	20
48	Television Service Technician	20
49	Scooter Mechanic-Cum-Driver	10
50	Printing	100
51	Letter Press (P. T.)	10
Total—B		4,380

C. TEXTILE & ALLIED COURSES :

52	M. M. F. F.	40
53	M. M. F. W. P.	40
54	Textile Design	65
55	Hand & Power Loom Weaving	60
56	Handloom Technology	20
Total—C		225

D. SPECIAL COURSES FOR THE BLIND :

57	General Mechanic	10
58	Card Board Work & Book Binding	60

Table:14 (Contd.)

1	2	3
	59 Armature Winding	30
	60 Weaving	50
	61 Carpentry Practice	50
	62 Hand & Power Loom Weaving	10
	63 Cane Work	110
	64 Printing	20
	Total—D	340
E. FOOD CRAFT COURSES :		
	65 Reception & Communication	20
	66 Restaurant & Counter Service	20
	67 Commercial Cookery	20
	68 Bakery & Flour Confectionary	20
	69 Food Processing & Preservation	20
	70 Hotel House Keeping (House Operation)	20
	Total—E	120
GRAND TOTAL:—		7,385

TABLE: 15
EMPLOYMENT IN PUBLIC AND
PRIVATE SECTORS

Sr. No.	Category	No. of Persons employed as on 30th June (In Thousand)	
		1988	1989
1	2	3	4
A. BRANCH OF THE PUBLIC SECTOR :			
1	Central Govt.	138	138
2	State Govt.	216	219
3	Quasi Central Govt.	126	132
4	Quasi State Govt.	154	159
5	Local Bodies	281	291
A — Total Public Sector		915	939
B. PRIVATE SECTOR :		647	664
Total 'A' & 'B'		1562	1603

**C. EMPLOYMENT IN PUBLIC & PRIVATE
SECTORS BY
INDUSTRIAL CLASSIFICATIONS :**

1989

4

33

Table:15 (Contd.)

1	2	3	4
1	Agriculture, Hunting, Forestry & Fishing	27	28
2	Mining & Quarrying	19	20
3	Manufacturing	576	592
4	Electricity, Gas and Water	43	44
5	Construction	71	70
6	Wholesale and Retail Trade and Restaurant Business	20	22
7	Transport, Storage and Communications	172	175
8	Financing, Insurance, Real Estate and Business Services	87	91
9	Community, Social and Personal Services	547	561
Total:		1562	1603

Source: Directorate of Employment and Training,
Gandhinagar.

TABLE:16
EMPLOYMENT SEEKERS
BY LEVEL OF EDUCATION

Sr. No.	Level of Education	1987	1988	1989
1	2	3	4	5
1	S. S. C.	3,39,875	3,80,665	4,28,345
2	Inter	57,646	61,690	73,910
3	Diploma	6,432	7,420	8,796
4	Graduates:			
	(a) Arts	13,665	14,595	15,939
	(b) Science	5,351	6,412	8,099
	(c) Commerce	16,978	18,990	20,769
	(d) Others	7,355	9,283	9,555
5	Engineering Graduates :			
	(a) Civil	1,488	2,410	2,372
	(b) Mechanical	490	596	665
	(c) Electrical	217	332	393
	(d) Others	235	350	502

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DOC, No. D-7675
Date 27-07-93

Table:16 (Contd.)

1	2	3	4	5
6	Post-Graduates :			
	(a) Arts	1,986	2,020	2,048
	(b) Science	1,470	1,768	2,013
	(c) Commerce	1,391	1,660	1,881
	(d) Others	792	1,375	1,835
7	Engineering Post- Graduates	4	4	6
a.	Total Educated Unemployed	4,55,375	5,09,300	5,77,328
b.	Total Uneducated Unemployed	3,28,811	3,55,177	2,63,876
GRAND TOTAL:-		7,84,186	8,64,477	9,41,204

Source: Directorate of Employment & Training,
Gandhinagar.

TABLE:17

**LIST OF OFFICERS IN DIRECTORATE OF
TECHNICAL EDUCATION, NODAL CENTRE AND
TECHNICAL EXAMINATIONS BOARD .**

(AS ON 1-12-89)

Sr. No.	Name	Designation	Telephone No.
1	2	3	4
A. DIRECTORATE OF TECHNICAL EDUCATION, GANDHINAGAR-10			
1	Prof. N. R. Dave	Director	21883 (O) 490570 (R) (A'bad) 8200
2	„ B. R. Baxi	Joint Director	8201 (O) 442564 (R) (A'bad)
3	„ M. D. Girach	„	8202 (O) 463884 (R) (A'bad)

Table:17 (Contd.)

1	2	3	4
4	" G. H. Bhatt	"	8323 (O)
5	" G. B. Vanza	Placement & Training Officer	8204 (O)
6	Shri R. M. Shah	Planning Officer	8524 (O)
7	" S. G. Shah	Asstt. Director Training	8426 (O)
8	" N. R. Prajapati	"	8610 (O)
9	" D. K. Patel	Accounts Officer	8225 (O)
10	" M. L. Acharya	Statistical Officer	8315 (O)
11	" V. R. Patel	Administrative Officer	8203 (O)
12	" H. K. Soni	"	8764 (O)
13	" G. H. Dhuwad	Inspector	—
14	" R. B. Patel	"	8515 (O)
15	" C. D. Joshi	"	—
16	" N. D. Bateriwala	"	—
17	" T. M. Shah	"	—
18	" K. M. Panchal	"	—

Table:17 (Contd.)

1	2	3	4
B. NODEL CENTRE, GANDHINAGAR-10			
1	Prof. S. S. Shah	Project Officer	8765 (O) 8766 (O)
C. TECHNICAL EXAMINATIONS BOARD, GANDHINAGAR-10			
1	Prof. B. C. Shah	Chaiman	8322 (O) 20728 (O) 465579 (R)
2	Shri —	Secretary	8322 (O)
3	Shri D. M. Halani	Controller of Examinations	8222 (O)
4	Shri R. N. Kotak	Programmer	8222 (O)
5	Shri J. K. Desai	Asstt. Secretary	8422 (O)
6	„ J. V. Suthar	„	—
7	„ N. A. Badhia	Administrative Officer	8522 (O)
8	„ J. C. Patel	Accounts Officer	8571 (O)

(O) Office (R) Residence

TABLE:18

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

Sr. No.	Name & Address of the Institutions	Name of the Head of Instt.	Telephone Numbers Office/ Residence	STD. Code No.
1	2	3	4	5
(I) ENGINEERING PHARMACY COLLEGES : (DEGREE & POST GRADUATION)				
A. Government :				
1	L. D. College of Engg., Ahmadabad-380009 Gram: ENCOPRT	Prof. P. J. Purohit Principal	441752(O) 442887(R)	097
2	Lakhdirji Engg. College, Morbi-363642, Rajkot Gram. PRINTECH	Prof. B. P. Khatri Principal	3055(O) 2455(R)	02822

Table:18 (Contd.)

1989 (4)	1	2	3	4	5
41	3	Shantilal Shah Engg. College, Sidasar Campus Po. Vartej, Pin-364060 Bhavnagar	Prof. J. N. Shah Principal	5767(O) 29453(R)	0278
	4	Govt. Engg. College, Modasa-383315 S. K. Gram-ENCOMO	Prof. M. S. Shah Principal	2228(O) 2433(O)	02774
	5	Shri B. K. Mody Govt. Pharmacy College, Polytechnic Campus, Rajkot	Shri M. T. Ruparelia Head of Deptt.	87456(O)	
	B. Regional :				
	6	S. V. Regional College of Engg. & Tech., Surat-395007 Gram-SVARCET	Dr. P. R. Mehta Principal	87394(O) 87334(P) 36976(R)	0261

Table:18 (Contd.)

1	2	3	4	5
C. Non-Government :				
7	D. D. Instt. of Tech. College Road, Nadiad-387001 Gram-DDIT, Nadiad.	Dr. H. M. Desai Principal	6984(O) 6985(R)	0268
8	B. V. Mahavidhyalaya Vallabh Vidyanagar Pin-388120 Dist-Kheda.	Prof. K. M. Dholakia Principal	30104(O) 30762(R)	0292
9	Faculty of Tech. & Engg. M. S. University Kalabhavan Baroda-390001 Gram-Kalabhavan	Prof. R. C. Desai Dean	553698(O) 551792(O) 320636(C/o. R)	0265

Table:18 (Contd.)

1	2	3	4	5	
43	10	School of Architecture Navrangpura, Ahmedabad-380009 Gram-CONCEPT	Dr. R. N. Vakil Dean	442075(O) 442470(O) 442607(R)	097
	11	School of Planning, Navrangpura, Ahmedabad-380009 Gram-CEPT	Shri G. J. Trivedi Registrar	442740(O) 409043(R)	
	12	L. M. College of Pharmacy, Navrangpura, Ahmedabad-380009	Dr. M. B. Devani Principal	440746(O)	
	13	A. R. College of Pharmacy V. V. Nagar, 388120	Shri N. S. Parmar Principal		

Table:18 (Contd.)

1	2	3	4	5
(II) POLYTECHNICS (DIPLOMA & POST DIPLOMA) :				
A. Government :				
1	Govt. Polytechnic, Ambawadi, Ahmedabad-380015	Shri B. S. Shah Principal	401285(O) 406189(R)	097
2	R. C. Tech. Instt., Saraspur, Ahmedabad-380018	Shri S. P. Thakkar Principal	361207(O) 467573(R)	097
3	Govt. Polytechnic for Girls, Opp. Physical Research Laboratory, Ahmedabad-380015	Dr. A. Kulshrestha Principal	440581(O)	097
4	Dr. J. N. Mehta Govt. Polytechnic, Amreli-364601 Gram ; Dr. JNMGPAMR	Shri R. C. Patel Principal	3347(O) 2921(R)	02792

Table:18 (Contd.)

1	2	3	4	5
5	Sir Bhavsinhji Poly- technic Institute, Bhavnagar-364002	Shri K. D. Vayas Principal	23393(O) 24742(R)	0278
6	Shri K. J. Polytechnic, N. H. No. 8, Bharuch-392002	Shri C. N. Makwana Principal	33402(O) 2316(R)	02642
7	Govt. Polytechnic Dahod-389151	Shri R. K. Patel Principal	134(O)	—
8	Govt. Polytechnic, Motipura, Himatnagar-383001	Shri V. J. Raiyani Principal	498(O)	02772
9	Govt. Polytechnic, C/o. D. K. V. College, Jamnagar-361008	Shri P. U. Mehta Principal	78570(O) 78521(R)	0288

Table:18 (Contd.)

1	2	3	4	5
10	Govt. Polytechnic, O/S. Malan Gate, Palanpur-385001	Shri P. C. Parikh Principal	2226(O) 3767(R)	02742
11	Govt. Polytechnic, Opp. Aerodrome, Porbandar-360577	Shri H. V. Motivaras I/C Principal	20553(O) 22253(R)	0286
12	K. D. Polytechnic, Patan-384265	Shri	2419(O) 2901(R)	02766
13	Govt. Polytechnic, Near Aji Dam, Rajkot-360003	Shri D. C. Panchal Principal	87391(O) 87553(R)	0281
14	A. V. Parekh Tech. Instt., Dr. Yagnik Road, Rajkot-360001 Gram - COMTECH	Shri V. C. Visanagara Principal	46535(O) 44530(R)	0281

Table: 18 (Contd.)

1	2	3	4	5
15	Dr. S. & S. S. Gandhi College of Engg. & Tech., Majura Gate, Surat-395001	Shri M. M. Patel Principal	40568(O) 40574(R)	0261
16	Govt. Polytechnic for Girls, Athwa Gate, Surat-395001	Shri J. H. Shah Principal	41689(Rector) 29117(O) 54397(R)	0261
17	C. U. Shah Govt. Polytechnic, B/H Gandhi Hospital, Surendranagar-363001	Shri A. M. Maniar Principal	20597(O) 21597(R)	02752
18	Govt. Polytechnic, Kosamba Road, Valsad-396001	Shri J. R. Desai Principal	2515(O) 3170(R)	02632
19	Govt. Polytechnic, Bhuj-370001	Shri B. Z. Ghelani I/C. Principal	21595(O) 2267(R)	02832

Table:18 (Contd.)

1	2	3	4	5
20	M. G. Instt. of Labour Studies, Ahmedabad Thaltej Village Gram : HARMANY	Prof. C. P. Patel Professor	443890(O) 443987(O) 443347(O)	097
21	Instt. of Hotel Management, Catering & Nutrition, Ahmedabad-380015 Gram : FOODCRAFT	Shri N. M. Rafique Principal	401339(O)	097
B. Non-Government :				
22	T. F. Gandhidham Polytechnic, Near Rly. Station, Adipur-370205 Dist-Kachhh	Shri J. K. Bagga Principal	86447(O) 86309(R)	02836

Table 18 (Contd.)

1989 (9)	1	2	3	4	5
49	23	B. & B. Polytechnic, Vallabh Vidyanagar Pin-388120	Shri R. C. Desai Principal	30244(O) 31461(R)	0292
	24	Polytechnic, M. S. University, Near Shastri Bridge, Baroda-390002	Shri G. M. Sheth Principal	21105(O) 329760(R)	0265
	25	M. M. Tex. Research Association(MANTRA) Surat-395002	Shri H. B. Nagoria Principal	30447(O)	0261
	26	M. N. College of Pharmacy, Khambhat, Dist-Kheda	Shri N. M. Patel Principal	2554(O) 2671(R)	
	27	Shri G. H. Patel Instt. of Pharmacy, V. V. Nagar, Dist-Kheda	Dr. N. S. Parmar Principal	—	

Table:18 (Contd.)

1	2	3	4	5
28	Patidar gin Science & Dr. Dayaram Pharmacy College, Bardoli Dist-Surat	Shri B. N. Patel Principal	—	
29	School of Building Science & Technology, C/o. CEPT, Ahmedabad-9	Shri G. J. Trivedi Registrar	—	

50

Note: Over & above, the following Colleges are also conducting Diploma/Post-Diploma courses :

- (i) L. D. C. E., Ahmedabad (Post Diploma)
- (ii) L. M. C. P., Ahmedabad (Diploma)
- (iii) L. E. C., Morbi (Diploma)
- (iv) D. D. I. T., Nadiad (Diploma)
- (v) Faculty of Technology & Engg., Vododara (Diploma)
- (vi) B. K. Mody Govt. Pharmacy College, Rajkot (Diploma)

Table:18 (Contd.)

1	2	3	4	5
(III) TECHNICAL HIGH SCHOOLS / CENTRES :				
A. Government Technical High Schools :				
1	Govt. Tech. High School, Gheekanta Road, Ahmedabad-380001	Shri S. N. Desai Principal	22228(O)	097
2	Govt. Tech. High School, C/o. R. C. Tech. Instt., Ahmedabad-380018	Shri R. M. Patel Principal	361207(O)	097
3	K. K. Parekh Tech. Instt., Bhavnagar Road, Amreli-364601	Shri J. G. Patel I/c. Principal	2467(O)	02792
4	Govt. Tech. High School, Near Tower, Bharuch-392001	Shri B. M. Rajyagura Principal	30645(O)	02642

Table:18 (Contd.)

1	2	3	4	5
5	Govt. Tech. High School, Navapara, Bhavnagar-364001	Shri M. A. Advani Principal	23706(O)	0278
6	Govt. Tech. High School, Dahod	Shri S. K. Saraiya I/c. Principal	81(O)	—
7	Govt. Tech. High School, Opp. Town Hall, Dhrangadhra-363310	Shri N. C. Mewada Principal	2421(O)	02754
8	Govt. Tech. High School, Dhoraji-360410	Shri S. J. Moria Principal	940(O)	02824
9	Govt. Tech. High School, Opp. Civil Hospital, Godhara-389001	Shri A. K. Patel Principal	2218(O)	02672
10	Govt. Tech. High School, Opp. Civil Hospital, Junagadh-362001	Shri R. H. Kansara Principal	20247(O)	0285

Table:18 (Contd.)

1	2	3	4	5
11	Govt. Tech. Instt., Highway Road, Opp. Taluka Police Station, Kalol-382721	Shri A. D. Suthar Principal	3476(O)	02764
12	Shri P. N. Tech. High School & Smt. K. S. Dani Vocational Centre, Kapadwanj-387620	Shri K. J. Champaneri Principal	2387(O)	02691
13	Govt. Tech. & Comm. Centre, Modasa-383315	Shri K. N. Patel Principal	2290(O)	02774
14	Sir Homi Mehta Tech. High School and Navsari Technical Institute, Chhapara Road, Navsari-396445	Shri G. D. Patel Principal	3611(O)	02632

Table:18 (Contd.)

1	2	3	4	5
15	Govt. Tech. High School, Near Eye Hospital, Palanpur-385001	Shri H. M. Shah Principal	2496(O)	02742
16	R. B. Sheth P. K. Kotawala Ind-Cum Tech. High School, Patan-384265(N.G.)	Shri A. D. Chaudhari Principal	2470(O)	02766
17	F. S. Parekh Tech. High School, Soni Falia, Suret-395003	Shri D. V. Patel Principal	25301(O)	0261
18	Govt. Tech. High School, B/H Mahatma Gandhi Smarak Hospital, Surendranagar-363001	Shri M. R. Sakaria Principal	20332(O)	02752
19	Govt. Tech. High School, Dandia Bazar, Vadodara-390001	Shri D. G. Marolia Principal	555935(O)	0265

Table:18 (Contd.)

1	2	3	4	5
20	Govt. Tech. Centre, Tithal Road, Valsad-396001	Shri P. R. Kalal Principal	3361(O)	02632
21	Desai K. J. Tech. High School, Mandal Road, Viramgam-382150 Dist-Ahmedabad	Shri H. V. Parikh Principal	104(O)	—

B. Certificate Level Government Institutions :

22	Govt. Vocational Training Centre, Opp. Bhavsinhji Polytechnic, Near D.I.C., Bhavnagar-364002	Shri A. A. Vagadia Principal	29612(O)	0278
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Table:18 (Contd.)

1	2	3	4	5
23	Weir Industrial Instt., Dharampur-396050 Dist-Valsad	Shri K. R. Mistry Principal	87(O)	—
24	Govt. Tech. Instt., Chhota Udepur-391165 Dist-Vadodara	Shri J. N. Panchal Principal	288(O)	—
25	Shri L. J. F. Vocational Centre, Sardar Gunj Road, Patan-384265 (N.G.) Gram : VOCLAX	Shri S. H. Mistry Principal	2362(O)	02766
26	Govt. Tech. Institute, Vyara-394650 Dist-Surat	Shri K. G. Patel Principal	326(O)	02612

Table: 18 (Contd.) -

1989 (2)	1	2	3	4	5
	27	Govt. Tech. Instt., Opp. Dudhpith, Prabhas-Patan, Veraval-362268 Dist-Junagadh	Shri R. A. Soni Principal	21539(O)	02876
57	C. Government Multi Purpose High Schools :				
	28	S. V. Virani High School, Rajkot	Shri M. H. Mehta Principal	44686	
	29	M. G. Vidhyalaya, Rajkot	Shri V. V. Ajamera Principal	26557	
	30	Bhavsinhji High School, Porbander, Dist. Junagadh	Shri J. S. Rojiwadia Principal	22502	

Table:18 (Contd.)

1	2	3	4	5
31	Alfred High School, Bhuj, Dist. Kachchh	Shri K. M. Bhatt Principal	341	
32	D. S. & B. B. Govt. Model Multi-Purpose High School, Abrama, Dist-Valsad	Smt. J. C. Solanki Principal	41	
33	V. C. Tech. High School, Morbi, Dist-Rajkot	Shri S. B. Mandlik Principal	2348	
D. Non-Government Technical High Schools :				
34	Diwan Ballubhai Madhyamik Shala, Kankaria, Ahmedabad-8	Shri R. I. Mehta Principal	51232(O) 54707(R)	
35	C. N. Vidhyalaya, Ambawadi, Ahmedabad-15	Shri S. K. Shah Principal	463511	

Table:18 (Contd.)

1	2	3	4	5
36	Technical High School, Kadi, Dist-Mahesana	Shri T. K. Suthar Principal	69(O) 51(R)	
37	D. D. Technical High School, Nadiad, Dist-Kheda	Shri A. P. Patel Principal	3554	
38	Shri M. U. Patel High School, V. V. Nagar, Dist-Kheda	Shri B. F. Patel Principal	P.P. 7373	
39	S. Z. Vaghela High School, Khambhat-388620 Dist-Kheda	Shri I. J. Bhatt Principal	2404	

Table:18 (Contd.)

1	2	3	4	5
40	V. B. Multi-Purpose High School, Sunav, Dist-Kheda	Shri H. R. Patel Principal	42	
41	V. N. High School, Dharmaj, Dist-Kheda	Shri M. M. Thakar Principal	59	
42	C. M. Patel High School, Khambholaj, Dist-Kheda	Shri M. R. Patel Principal	4 (Sarsa)	
43	Parekh & Mehta High School, Jafrabad, Dist-Amreli	Shri R. M. Rajyagor Principal	37	
44	Shri J. P. Parekh High School, Mahuva, Dist-Bhavnagar	Shri R. M. Joshi Principal	2503	

Table:18 (Contd.)

1	2	3	4	5
61	45	Gurukul Mitra Mandal Vanijya Vidhyamandir, Palitana, Dist-Bhavnagar	Shri S. K. Pandya Principal	169
	46	D. C. C. Technical High School, Sikka, Dist-Jamnagar	Shri S. P. Gupta Principal	43
	47	Kadod High School, Kadod, Dist-Surat	Shri M. J. Shah Principal	29 (Madhi Ex.)
	48	Navanagar High School, Jamnagar	Shri K. H. Purohit Principal	74446
	49	Madressa Taiyebiyah Boys' (Tech.) High School, Surat-3	Shri A. S. Maniar Principal	23693

TABLE:19
LIST OF UNIVERSITIES IN THE STATE AND AFFILIATED
ENGINEERING COLLEGES FACULTY

Sr. No.	Name of University	Year of Establishment	Name of Affiliated Colleges
1	2	3	4
62	1 Gujarat University, Ahmedabad-9	1950	1 L. D. College of Engg., A'bad
			2 D. D. Instt. of Techn., Nadiad
			3 L. M. College of Pharmacy, Ahmedabad
2	Saurashtra University, Rajkot	1965	1 L. E. College, Morbi
			2 B. K. Mody Govt. Pharmacy College, Rajkot
3	South Gujarat University, Surat	1965	1 S. V. Regional College of Engg. & Technology, Surat
4	North Gujarat University, Patan (N. G.)	1984	1 Govt. Engg. College, Modasa Dist-Sabarkantha

Table: 15 (Contd.)

63	5	Sardar Patel University, Vallabh Vidhyanagar	1955	1	B. V. Mahavidhyalaya, Vallabh Vidhyanagar
				2	A. R. College of Pharmacy, Vallabh Vidhyanagar
	6	M. S. University, Vadodara	1949	1	Faculty of Engg. & Techn., Vadodara
	7	Bhavnagar University, Bhavnagar	1979	1	Shantilal Shah Engg. College, Bhavnagar
	8	Gujarat Vidyapith, Ahmedabad	1963		NIL
	9	Gujarat Agricultural University, Sardar Krishi- nagar, Banaskantha	1972		NIL
	10	Gujarat Ayurvedic University, Jamnagar	1968		NIL

Note: School of Architecture, Ahmedabad & School of planning, A'bad are autonomous Institutions administratively as well as academically with no affiliation to any University.

TABLE: 20 (Part - I)
LITERATE POPULATION AND
PERCENTAGE OF LITERACY ★ - 1981

Sr. No.	State/District	Total Population — 1981 (in '000)		
		Persons	Males	Females
1	2	3	4	5
	Gujarat State	34086	17533	16533
1	Jamnagar	1393	715	678
2	Rajkot	2093	1075	1018
3	Surendranagar	1034	535	499
4	Bhavnagar	1880	960	920
5	Amreli	1079	546	533
6	Junagadh	2101	1075	1026
7	Kachchh	1050	525	525
8	Banaskantha	1668	857	811
9	Sabarkantha	1502	760	742
10	Mahesana	2549	1249	1255
11	Gandhinagar	289	150	139
12	Ahmedabad	3876	2050	1826

TABLE: 20 (Part - II)

Sr. No.	Literate Population (in '000)			Percentage of literates to total Population		
	Persons	Maies	Females	Persons	Maies	Females
1	6	7	8	9	10	11
	14896	9555	5341	43.70	54.44	32.30
1	564	359	205	40.52	50.24	30.29
2	1021	625	296	48.78	58.14	38.90
3	388	260	128	37.47	48.61	28.55
4	748	491	257	39.79	51.12	27.97
5	554	283	171	42.08	51.91	32.01
6	874	565	309	41.63	52.58	30.15
7	372	232	140	35.42	44.14	26.68
8	384	292	92	23.04	34.08	11.36
9	598	408	190	39.80	53.70	25.54
10	1191	751	440	46.47	58.03	35.11
11	149	95	54	51.48	63.17	38.58
12	2174	1342	832	56.08	65.47	45.54

Table :20 Part - I (Contd.)

1	2	3	4	5
13	Kheda	3015	1574	1441
14	Panchmahals	2322	1186	1136
15	Vadodara	2558	1335	1223
16	Bharuch	1296	667	629
17	Surat	2493	1296	1197
18	Valsad	1774	895	879
19	Dangs	114	58	56

★ Includes Population in age group 0 - 4.

Source : Directorate of Census Operations,
Gujarat State.

Table: 20 Part - II (Contd.)

1	6	7	8	9	10	11
13	1479	984	495	49.04	62.48	34.35
14	652	483	169	28.10	40.79	14.86
15	1237	781	456	48.34	58.46	37.29
16	579	370	209	44.66	55.51	33.17
17	1165	713	452	46.73	54.99	37.79
18	833	499	334	46.95	55.74	37.99
19	34	22	12	29.84	38.39	21.04

TABLE: 21
HOSTEL FACILITIES AVAILABLE
(1989)

Sr, No.	Name of Institution	No. of Hostel Blocks	No. of Seats Avai- lable
1	2	3	4
1	L. D. College of Engineering, Ahmedabad	6	763
2	L. E. College, Morbi	8	1015
3	S. M. Shah Engineering College, Bhavnagar	★	★
4	Government Engineering College, Modasa	★	★
5	Faculty of Technology & Engineering, M. S. University of Baroda, Vadodara	Common Hostel for All University Students.	
6	Birla Vishwakarma Mahavidyalaya, Vallabh Vidyanagar	3	804
7	S. V. Regional College of Engineering & Technology, Surat	4	708
8	D. D. Institute of Technology, Nadiad	—	—

Table:21 (Contd.)

1	2	3	4
9	School of Architecture, Ahmedabad	1	100
10	School of Planning, Ahmedabad	1	50
11	R. C. Technical Institute, Ahmedabad	2	100
12	Government Polytechnic for Girls, Ahmedabad	1	100
13	Government Polytechnic, Ahmedabad	1	145
14	Dr. S. & S. S. Gandhi College of Engineering & Technology, Surat	3	234
15	Government Polytechnic, Valsad	5	100
16	Government Polytechnic, Dahod	1	180
17	Government Polytechnic, Rajkot	1	100
18	A. V. Parekh Technical Institute, Rajkot	2	168
19	Government Polytechnic, Porbandar	1	100
20	K. J. Polytechnic, Bharuch	1	100
21	K. D. Polytechnic, Patan	1	100

Table:21 (Contd.)

1	2	3	4
22	Government Polytechnic for Girls, Surat	1	100
23	Sir Bhavsinhji Polytechnic Institute, Bhavnagar	3	420
24	B. & B. Polytechnic, Vallabh Vidyanagar	2	350
25	T. F. Gandhidham Polytechnic, Adipur	2	180
26	Polytechnic, M. S. University of Baroda, Vadodara	Common Hostel for All University Students.	
27	L. M. College of Pharmacy, A'bad	1	222
28	M. N. College of Pharmacy, Khambhat	1	38
29	Food Crafts Institute, A'bad	1	48
30	Government Polytechnic, Himmatnagar	★	★

Table:21 (Contd.)

1	2	3	4
31	Government Polytechnic, Jamnagar	★	★
32	Government Polytechnic, Amreli	★	★
33	Government Polytechnic, Palanpur	★	★
34	Government Polytechnic, Surendranagar	★	★
35	Government Polytechnic, Bhuj (Kachchh)	★	★

Note :- ★ New Institution, hence no Hostel
Facilities.

TABLE : 22
ADMINISTRATIVE SET-UP
OF GUJARAT STATE

1	Districts	19
2	Talukas	184
3	Inhabited Villages (1981 Census)	18114
4	Uninhabited Villages (1981 Census)	436
5	Towns (1981 Census)	244
6	Cities (1981 Census)	11
7	Area (1981) in Sq. Kms. (P)	195024
8	Municipal Corporations	6
9	Municipalities	61
10	District Panchayats	19
11	Taluka Panchayats	182
12	Nagar Panchayats	139
13	Gram Panchayats	13117
14	Members of Parliament (Strength of Seats)	26
15	Members of Rajya Sabha (Strength of Seats)	11
16	Strength of Seats in Legislative Assembly	182

Source : Statistical Out-line of Gujarat-1988
Published by The Directorate of Economics
& Statistics, Gandhinagar.

TABLE:23

**DISTRICTWISE HIGHER TECHNICAL EDUCATION
FACILITIES AVAILABLE (1989-90)**

1989 (90)

73

Rank Nos. (Accor- ding to Popu- lation)	Name of District	INTAKE CAPACITY (No. of Institutions)						
		Post Graduate		Degree		Post- Diploma Post B.Sc. Diploma	Diploma	
		Degree	Diploma	Full time	Part time		Full time	Part time
1	2	3	4	5	6	7	8	9
1	Ahmedabad	80 (2)	25 (1)	503 (3)	135 (1)	115 (3)	895 (6)	325 (3)
2	Kheda	75 (3)	— (—)	622 (4)	30 (1)	20 (1)	555 (4)	30 (1)
3	Vadodara	227 (1)	— (—)	628 (1)	150 (1)	15*106 (1)	650 (1)	200 (1)

Table:23 (Contd.)

1	2	3	4	5	6	7	8	9
4	Mahesana	— (—)	— (—)	— (—)	— (—)	— (—)	180 (1)	15 (1)
5	Surat	30 (1)	— (—)	350 (1)	60 (1)	15 (1)	580 (4)	165 (3)
6	Panchmahals	— (—)	— (—)	— (—)	— (—)	— (—)	180 (1)	60 (1)
7	Junagadh	— (—)	— (—)	— (—)	— (—)	— (—)	135 (1)	45 (1)
8	Rajkot	— (—)	— (—)	290 (2)	— (—)	50 (1)	570 (4)	90 (1)
9	Bhavnagar	— (—)	— (—)	150 (1)	40 (1)	— (—)	395 (1)	90 (1)

Table: 23 (Contd.)

1	2	3	4	5	6	7	8	9
10	Valsad	— (—)	— (—)	— (—)	— (—)	— (—)	185 (1)	45 (1)
11	Banaskantha	— (—)	— (—)	— (—)	— (—)	— (—)	120 (1)	15 (1)
75	12 Sabarkantha	— (—)	— (—)	150 (1)	150 (1)	— (—)	120 (1)	— (—)
13	Jamnagar	— (—)	— (—)	— (—)	— (—)	— (—)	120 (1)	30 (1)
14	Bharuch	— (—)	— (—)	— (—)	— (—)	— (--)	195 (1)	60 (1)
15	Amreli	-- (--)	-- (--)	-- (--)	-- (--)	-- (--)	120 (1)	-- (--)

Table:23 (Contd.)

1	2	3	4	5	6	7	8	9
76	16 Kachchh	-- (--)	-- (--)	-- (--)	-- (--)	-- (--)	360 (2)	90 (1)
	17 Surendranagar	-- (--)	-- (--)	-- (--)	-- (--)	-- (-)	120 (1)	-- (--)
	18 Gandhinagar	-- (--)	-- (--)	-- (--)	-- (--)	-- (--)	-- (--)	-- (--)
	19 The Dangs	-- (--)	-- (--)	-- (--)	-- (--)	-- (--)	-- (--)	-- (--)
Total :—		412 (7)	25 (1)	2693 (12)	415 (6)	215 (1)	5510 (32)	1260 (18)

Note: (1) Figures in the brackets pertain to Number of Institutes.

(2) ✖ Post B. Sc. Diploma Courses run at Vadodara only.

TABLE : 24

**DISTRICTWISE LOWER TECHNICAL EDUCATION FACILITIES
AVAILABLE (1989-90)**

1989 (90) 24

77

No.	Name of District	INTAKE CAPACITY (No. of Institutions)					
		Technical High Schools			Technical Institutions/ Centres		
		Govt.	Non Govt.	Total	Govt.	Non Govt.	Total
1	2	3	4	5	6	7	8
1	Ahmedabad	360 (3)	90 (2)	450 (5)	470 (5)	700 (14)	1170 (19)
2	Kheda	180 (1)	990 (6)	1170 (7)	208 (1)	880 (18)	1088 (19)
3	Vadodara	180 (1)	— (--)	180 (1)	328 (2)	790 (6)	1118 (8)

Table:24 (Contd.)

1	2	3	4	5	6	7	8
4	Mahesana	180 (2)	225 (1)	405 (3)	454 (3)	100 (1)	554 (4)
5	Surat	125 (1)	270 (2)	495 (3)	281 (3)	200 (5)	481 (8)
6	Panchmahals	180 (2)	-- (--)	180 (2)	258 (1)	160 (6)	418 (7)
7	Junagadh	180 (2)	-- (--)	180 (2)	128 (2)	-- (--)	128 (2)
8	Rajkot	540 (4)	-- (--)	540 (4)	312 (2)	140 (5)	452 (7)
9	Bhavnagar	135 (1)	135 (2)	270 (3)	246 (3)	80 (2)	326 (5)

Table: 24 (Contd.)

1	2	3	4	5	6	7	8
79	10 Valsad	270 (3)	— (—)	270 (3)	382 (3)	160 (3)	542 (6)
	11 Banaskantha	135 (1)	— (—)	135 (1)	100 (1)	— (—)	100 (1)
	12 Sabarkantha	135 (1)	— (—)	135 (1)	80 (1)	200 (5)	280 (6)
	13 Jamnagar	— (—)	135 (2)	135 (2)	— (—)	60 (1)	60 (1)
	14 Bharuch	135 (1)	— (—)	135 (1)	60 (1)	40 (1)	100 (2)
	15 Amreli	135 (1)	90 (1)	225 (2)	180 (1)	40 (1)	220 (2)

Table:24 (Contd.)

1	2	3	4	5	6	7	8
16	Kachchh	45 (1)	— (—)	45 (1)	— (—)	— (—)	— (—)
17	Surendranagar	180 (2)	— (—)	180 (2)	148 (1)	40 (1)	188 (2)
18	Gandhinagar	— (—)	— (—)	— (—)	— (—)	100 (2)	120 (2)
19	The Dangs	— (—)	— (—)	— (—)	40 (1)	— (—)	40 (1)
Total :-		3195 (27)	1935 (16)	5130 (43)	3675 (30)	3710 (71)	7385 (101)

Note : Figures in the brackets pertain to Number of Institutions.

TABLE : 25

NUMBER OF ENGINEERING/TECHNOLOGY/ARCHITECTURE/
PHARMACY INSTITUTIONS (ALL INDIA LEVEL) 1983-841989
(99)

Sr. No.	State/ Union Territory	Degree Colleges			Polytechnics		
		For Boys	For Girls	Total	For Boys	For Girls	Total
1	2	3	4	5	6	7	8
1	Andhra Pradesh	21	—	21	87	9	96
2	Assam	3	—	3	15	1	16
3	Bihar	6	—	6	44	3	47
4	Gujarat	9	—	9	21 (35)	2	23 (35)
5	Haryana	2	—	2	73	28	101
6	Himachal Pradesh	—	—	—	16	—	16
7	Jammu & Kashmir	1	—	1	2	—	2
8	Karnataka	44	—	44	59	5	64
9	Kerala	6	—	6	17	3	20
10	Madhya Pradesh	11	—	11	74	1	75
11	Maharashtra	33	2	35	178	4	182
12	Manipur	—	—	—	7	—	7

81

Table:25 (Contd.)

1	2	3	4	5	6	7	8
13	Meghalaya	—	—	—	—	—	—
14	Nagaland	—	—	—	—	—	—
15	Orissa	4	—	4	16	—	16
16	Punjab	3	—	3	54	10	64
17	Rajasthan	3	—	3	29	—	29
18	Sikkim	—	—	—	—	—	—
19	Tamil Nadu	11	—	11	72	3	75
20	Tripura	1	—	1	1 1	—	1 1
21	Uttar Pradesh	3	—	3	115	5	120
22	West Bengal	10	—	10	45 10	1	46 10
23	Andaman & Nicobar Islands	—	—	—	—	—	—
24	Arunachal Pradesh	—	—	—	—	—	—
25	Chandigarh	2	—	2	2	2	4

Table: 25 (Contd.)

1	2	3	4	5	6	7	8
26	Dadra & Nagar Haveli	—	—	—	—	—	—
27	Delhi	1 X 2	—	1 X 2	13	4	17
28	Goa, Daman & Diu	1 X 1	—	1 X 1	16	—	16
29	Lakshadweep	—	—	—	—	—	—
30	Mizoram	—	—	—	2	—	2
31	Pondicherry	—	—	—	1	—	1
INDIA		175 X 28	2 X 1	177 X 29	959 X (35) X 27	81	1040 X (35) X 27

Note : (i) ~~X~~ Shown Pharmacy Institutions.

(ii) ~~X~~(35) I. T. I.s Included in Diploma Institutions.

Source : Education In India 1983-84 Volume-1 Ministry of Human Resource Development (Department of Education), New Delhi (1988)

TABLE:26 (Part-I)
 NOS. OF INSTITUTIONS AND THEIR
 ENROLMENT IN ENGINEERING/TECHNO-
 LOGY/ARCHITECTURE/PHARMACY
 COLLEGES BY URBAN AND RURAL
 AREAS (ALL INDIA LEVEL) 1983-84

Sr. No.	State/Union Territory	U R B A N		
		No. of Instit- utions	Enrolment	
1	2	3	Boys 4	Girls 5
1	Andhra Pradesh	21	16431	540
2	Assam	1	798	60
3	Bihar	4	2959	46
4	Gujarat	9 (3)	9183 (630)	802 (179)
5	Haryana	2	1725	21
6	Himachal Pradesh	—	—	—
7	J. & K.	1	1602	51
8	Karnataka	44 (16)	27582 (1831)	1076 (263)
9	Kerala	1	1273	264
10	Madhya Pradesh	11	9786	441

TABLE : 26

(Part-II)

Sr. No.	R U R A L			T O T A L		
	No. of Instit- utions	Enrolment		No. of Instit- utions	Enrolment	
	Boys	Girls		Boys	Girls	
1	6	7	8	9	10	11
1	—	—	—	21	16431	540
2	2	1126	28	3	1924	88
3	2	3133	87	6	6092	133
4	— (—)	— (—)	— (—)	9 (3)	9183 (630)	802 (179)
5	—	—	—	2	1725	21
6	—	—	—	—	—	—
7	—	—	—	1	1602	51
8	— (1)	— (25)	— (—)	44 (17)	27582 (1856)	1076 (263)
9	5	5760	1310	6	7033	1574
10	—	—	—	11	9786	441

Table :26 Part - I (Contd.)

1	2	3	4	5
11	Maharashtra	35 (6)	14832 (620)	985 (280)
12	Manipur	—	—	—
13	Meghalaya	—	—	—
14	Nagaland	—	—	—
15	Orissa	4	2158	39
16	Punjab	2	1098	32
17	Rajasthan	3	2100	34
18	Sikkim	—	—	—
19	Tamilnadu	8	8824	563
20	Tripura	—	—	—
21	Uttar Pradesh	3	1779	26
22	West Bengal	10	4347	135
23	A & N Islands	—	—	—
24	Arunachal Pradesh	—	—	—
25	Chandigarh	2	1411	146
26	Dadra & N. Haveli	—	—	—

Table: 26 Part-II (Contd.)

1	6	7	8	9	10	11
11	— (—)	— (—)	— (—)	35 (6)	14832 (620)	985 (280)
12	—	—	—	—	—	—
13	—	—	—	--	--	—
14	--	--	--	--	--	--
15	--	--	--	4	2158	39
16	1	769	26	3	1867	58
17	--	--	--	3	2100	34
18	--	--	--	--	--	--
19	3	3098	112	11	11922	675
20	1	387	26	1	387	26
21	--	--	--	3	1779	26
22	--	--	--	10	4347	135
23	--	--	--	--	--	--
24	--	--	--	--	--	--
25	--	--	--	2	1411	146
26	--	--	--	--	--	--

Table:26 Part - I (Contd.)

1	2	3	4	5
27	Delhi	1 (2)	1046 (322)	97 (125)
28	Goa, Daman & Diu	— (1)	— (118)	— (66)
29	Lakshadweep	—	—	—
30	Mizoram	—	—	—
31	Pondicherry	—	—	—
	INDIA	162 (28)	108934 (3521)	5358 (913)

Note : Figures in the Bracket show the number of Pharmacy Institutions & their Enrolment.

Source : Education in India 1983-84 Volume-1,
Ministry of Human Resource Development
(Department of Education),
New Delhi - (1988)

Table:26 Part - II (Contd.)

1	6	7	8	9	10	11
27	— (—)	— (—)	— (—)	1 (2)	1046 (322)	97 (125)
28	1 (—)	478 (—)	21 (—)	1 (1)	478 (118)	21 (66)
29	—	—	—	—	—	—
30	—	—	—	—	—	—
31	—	—	—	—	—	—
	15 (1)	14751 (25)	1610 (—)	177 (29)	123685 (3546)	6968 (913)

TABLE:27 (Part-I)
NOS. OF INSTITUTIONS AND THEIR ENROLMENT IN ENGINEERING/TECHNOLOGY/ARCHITECTURE/PHARMACY DIPLOMA INSTITUTIONS BY URBAN & RURAL AREAS (ALL INDIA LEVEL) 1983-84

Sr. No.	State/Union Territory	URBAN		
		No. of Institutions	Enrolment	
			Boys	Girls
1	2	3	4	5
1	Andhra Pradesh	96	18672	3026
2	Assam	12	4114	225
3	Bihar	33 (1)	11066 (302)	252 (—)
4	Gujarat	21 27	9475 19036	1277 392
5	Haryana	69	11831	2452
6	Himachal Pradesh	12	1854	211
7	Jammu & Kashmir	2	1739	28
8	Karnataka	64	17910	1853
9	Kerala	12	3886	889
10	Madhya Pradesh	75	21738	893

TABLE : 27

(Part-II)

Sr. No.	R U R A L			T O T A L		
	No. of Insti- tutions	Enrolment		No. of Insti- tutions	Enrolment	
		Boys	Girls		Boys	Girls
1	6	7	8	9	10	11
1	—	—	—	96	18672	3026
2	4	1221	17	16	5335	242
3	14	3045	—	47	14111	252
	(—)	(—)	(—)	(1)	(302)	(—)
4	✕10	✕1784	✕56	21	9475	1277
				✕37	✕20820	✕448
5	32	2487	509	101	14318	2961
6	4	599	84	16	2453	295
7	—	—	—	2	1739	28
8	—	—	—	64	17910	1853
9	8	3291	620	20	7177	1509
10	—	—	—	75	21738	893

Table:27 Part - I (Contd.)

1	2	3	4	5
11	Maharashtra	178 (15)	48107 (1934)	2563 (82)
12	Manipur	—	—	—
13	Meghalaya	—	—	—
14	Nagaland	—	—	—
15	Orissa	16	5123	35
16	Punjab	44	12123	1850
17	Rajasthan	28	6301	105
18	Sikkim	—	—	—
19	Tamil Nadu	47	20129	4775
20	Tripura	— (1)	— (85)	— (11)
21	Uttar Pradesh	113	38513	1908
22	West Bengal	40 (10)	15973 (515)	224 (16)
23	A. & N. Islands	—	—	—
24	Arunachal Pradesh	—	—	—
25	Chandigarh	4	1437	983
26	Dadra & Nagar Haveli	—	—	—

Table: 27 Part-II (Contd.)

1	6	7	8	9	10	11
11	4	583	8	182	48690	2571
	(—)	(—)	(—)	(15)	(1934)	(82)
12	7	914	112	7	914	112
13	—	—	—	—	—	—
14	—	—	—	—	—	—
15	—	—	—	16	5123	35
16	20	3528	411	64	15651	2261
17	1	129	—	29	6430	105
18	—	—	—	—	—	—
19	28	5848	18	75	25977	4793
20	1	198	—	1	198	—
	(—)	(—)	(—)	(1)	(85)	(11)
21	7	1553	46	120	40066	1954
22	6	1635	86	46	17608	310
	(—)	(—)	(—)	(10)	(515)	(16)
23	—	—	—	—	—	—
24	—	—	—	—	—	—
25	—	—	—	4	1437	983
26	—	—	—	—	—	—

Table:27 Part - I (Contd.)

1	2	3	4	5
27	Delhi	17	8935	2089
28	Goa, Daman & Diu	11	2427	226
29	Lakshadweep	—	—	—
30	Mizoram	2	259	36
31	Pondicherry	1	414	101
	INDIA	924	281062	26393
		(27)	(2836)	(109)

Note : (i) Figures in the Brackets show the Nos. of Pharmacy Institutions & their Enrolment.

(ii) ✕ Figures show the I. T. I's Institutions & Their Enrolment.

Source : Education in India 1983-84 Volume-I, Ministry of Human Resource Development (Department of Education), New Delhi (1988)

Table: 27 Part-II (Contd.)

1	6	7	8	9	10	11
27	—	—	—	17	8935	2089
28	5	1698	71	16	4125	297
29	—	—	—	—	—	—
30	—	—	—	2	259	36
31	—	—	—	1	414	101
151	28513	2038	1075	309575	28431	
(—)	(—)	(—)	(27)	(2836)	(109)	

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