

C H A P T E R - V

PRIVATE EXPENDITURE ON HIGHER EDUCATION

Education in Tamil Nadu is free up to and inclusive of the Pre-University (Higher Secondary) class. The entire expenditure up to the Pre-University stage is, therefore, borne by the State Government, the local bodies and private managements also making a contribution.

In so far as Higher Education is concerned, fees constitute one source of income. The fees collected from the students in private management colleges in Tamil Nadu vary from institution to institution. The private management also shares the financial burden by providing a plot of land and putting up the institutional building partly from its own resources. The State Government through its scheme of grants-in-aid to private colleges shoulders the lion's share of financial responsibility.¹

1. Education Administration in Tamil Nadu

(A Survey Report), National Staff College for Educational Planners and Administrators, Shri.Aurobindo Marg, New Delhi, 1977.

This chapter deals with the private expenditure on Higher Education on the part of the students. The period of reference to which the private expenditure per student relates is the academic year June 1978 to May 1979. Since the enquiry was conducted in January - March 1979, the students were asked to put down the expenditure incurred during the by-gone months from June 1978 and add the expected expenditure up to the period of May 1979.

We propose to examine in this chapter the private expenditure on Higher Education under the following heads:

- 1) Annual Private Expenditure on General Education (Arts, Science and Commerce Courses) per day-scholar,
- 2) Annual Private Expenditure on General Education per hostel-resident,
- 3) Annual Private Expenditure on Professional Education (Engineering and Medical Courses) per day-scholars, and
- 4) Annual Private Expenditure on Professional Education per hostel - resident.

Terminology

Day-scholars and Hostel residents

According to the place of residence during their course of higher education, students are classified into day-scholars and hostel residents. Those students who pursue their higher education in a college or university and reside with their parents, relatives or guardians are called day-scholars, while those who attend a college or university and reside in a college or university hostel

(hall of residence), in a rented house, or in a community, are considered as hostel residents.

The Third All India Educational Survey on Higher Education, 1973-74, estimated the all India average of college students residing in hostels as 17% men and 16% women². Tamil Nadu, with 41% men and 43% women students, respectively, residing in college hostels, has the highest percentage of students residing in hostels.

In the sample population, 38% of men and 40% of women students, that is, 334 men and 160 women, resided in hostels.

The following tables gives the faculty-wise break-up of day-scholars and hostel residents of the sample population:

TABLE V - (1)
FACULTY-WISE BREAK-UP OF DAY-SCHOLARS AND
HOSTEL RESIDENTS OF THE SAMPLE POPULATION
(NUMBER AND PERCENTAGE)

	General Education			Professional Education			General and Professional Education		
	Day Schol-ars	Hostel Resid-ents	Total	Day Scho-lars	Hostel Resid-ents	Total	Day Scho-lars	Hostel Resi-dents	Total
1	2	3	4	5	6	7	8	9	10
Men	470 (68)	217 (32)	687 (100)	70 (37)	117 (63)	187 (100)	540 (62)	334 (38)	874 (100)
Women	189 (61)	122 (39)	311 (100)	51 (57)	38 (43)	89 (100)	240 (60)	160 (40)	400 (100)

Note: Numbers in brackets denote percentages

2. Third All India Educational Survey on Higher Education, 1973-74 published by the University Grants Commission, New Delhi.

Faculty-wise, we observe that as high as 63% of men students of Professional Education resided in hostels.

Institutionally Determined Expenditure and Individually Determined (Non-Institutional) Expenditure

Private expenditure on Higher Education may be broadly divided into institutionally determined expenditure and expenditure determined by personal factors. We might even say that the former are fixed expenditure and the latter are variable expenditures. Some expenditure are determined by the educational institutions. Such for example are, college fees, university examination fees and room rent. By college fees we mean not only tuition fees but also special fees levied by the institution. Special fees include the following, namely, admission and registration, library, sports, college associations, college magazine, college calendar, medical inspection, social service, audio visual, students' aid, college examinations' stationery, laboratory and college bus fees. The college fees collected from the students vary from institution to institution. University examination fees are fixed by the University. Room rent varies from hostel to hostel and includes rent per se plus electricity, water and hostel amenities' charges.

Variable expenditures are those private expenditures on higher education which depend upon the individual taste and standard of living of the students. The following variable private expenditures on higher education may be mentioned, namely, expenditure on private tuition, books and stationery, snacks and refreshments, short and

long distance travel, mess charges and miscellaneous items like entertainment, cigarettes, laundry, cosmetics, hair-do, personal sports-wear and equipment etc....

We presume that the private expenditures on higher education depend upon the following variables, namely,

- a) the course of studies at the degree level,
- b) the place of residence of the students, that is, as a day-scholar or as a hostel resident,
- c) sex,
- d) caste, and
- e) the monthly income of parents.

The course-wise and item-wise expenditure per student according to the place of residence and sex is given in tables - V (2) to V-(9), Column (1) of the tables gives the class-intervals of the amount of expenditure in rupees. From column (2) to column (10), we have the item-wise number of students against each class interval. The rate of university examination fees is given in column (11). Column (12) gives the grand total of the number of students and the annual expenditure per student. The tables also show the average annual expenditure on each item as well as the percentage of expenditure on each item.

*the course-wise
and*

Course-wise, tables V (2), (3), (4) and (5) give the item-wise expenditure of men and women students of General Education (Arts, Science and Commerce) while tables V - (6), (7), (8) and (9) present the detailed analysis of men and women students of Professional Education (Engineering and Medicine).

TABLE - V (2)

SAMPLE POPULATION

GENERAL EDUCATION (ARTS, SCIENCE AND COMMERCE)
ITEM-WISE ANNUAL EXPENDITURE OF DAY-SCHOLARS - MEN
EXPENDITURE IN RUPEES AND NUMBER OF STUDENTS
(JUNE 1978 - MAY 1979)

Amount of Expen- diture - Rs.00	College* (Tuition, and special) Fees	Private Tuition Fees	Books and stationery	Snacks and refreshments	Short distance travel
	Number	Number	Number	Number	Number
1	2	3	4	5	6
0 - 0	5	431	9	43	111
0 - 50	-	10	24	-	-
50 - 100	-	3	83	172	113
100 - 150	17	8	77	50	50
150 - 200	21	-	100	57	58
200 - 250	44	12	40	22	20
250 - 300	93	-	42	30	27
300 - 350	52	2	25	20	20
350 - 400	64	2	25	26	23
400 - 450	55	-	11	8	10
450 - 500	56	-	12	8	13
500 - 600	36	2	22	34	25
600 - 700	27	-	-	-	-

* Net of freeships and scholarships.

(CONTD....)

TABLE - V (2) (CONTD...)

1	2	3	4	5	6
700 - 800	-	-	-	-	-
800 - 900	-	-	-	-	-
900 - 1000	-	-	-	-	-
1000 - 1200	-	-	-	-	-
1200 - 1400	-	-	-	-	-
1400 - 1600	-	-	-	-	-
1600 - 1800	-	-	-	-	-
1800 - 2000	-	-	-	-	-
2000 - 2200	-	-	-	-	-
2200 - 2400	-	-	-	-	-
Total Number	470	470	470	470	470
Average Annual Expenditure in Rupees and Percentage	360 (27)	15 (1)	201 (15)	180 (14)	162 (12)

(CONTD....)

TABLE - V (2) (CONTD...)

Amount of Expen- diture - Rs.00	Long distance travel Number	Miscellaneous Number	Room Rent Number	Mess Fees Number	University Exam Fees Rs.00	Grand Total Rs.00
1	7	8	9	10	11	12
0 - 0	214	8	443	450	-	-
0 - 50	-	-	-	-	-	-
50 - 100	109	219	63	152	-	-
100 - 150	30	41	6	-	-	-
150 - 200	33	50	6	-	-	-
200 - 250	16	30	8	-	-	-
250 - 300	20	35	5	-	-	-
300 - 350	9	20	2	-	-	-
350 - 400	10	20	-	-	-	-
400 - 450	5	8	-	-	-	-
450 - 500	5	10	-	-	-	-
500 - 600	19	29	-	-	-	-
600 - 700	-	-	-	-	-	-

(CONTD.....)

TABLE - V (2)
CONTD....

1	7	8	9	10	11	12
700 - 800	-	-	-	4	-	-
800 - 900	-	-	-	-	-	-
900 - 1000	-	-	-	-	-	-
1000 - 1200	-	-	-	5	-	-
1200 - 1400	-	-	-	5	-	-
1400 - 1600	-	-	-	-	-	-
1600 - 1800	-	-	-	2	-	-
1800 - 2000	-	-	-	1	-	-
2000 - 2200	-	-	-	-	-	-
2200 - 2400	-	-	-	3	-	-
Total Number	470	470	470	470	470	470
Average Annual Expenditure in Rupees and per- centage	104 (8)	180 (14)	12 (1)	57 (4)	50 (4)	1322 (100)

Note: Numbers in brackets denote percentages

TABLE - V (3)
SAMPLE POPULATION

GENERAL EDUCATION (ARTS, SCIENCE AND COMMERCE)
ITEM-WISE ANNUAL EXPENDITURE OF HOSTEL RESIDENTS - MEN
EXPENDITURE IN RUPEES AND NUMBER OF STUDENTS
(JUNE 1978 - MAY 1979)

Amount of Expen- diture Rs.00	College* (Tuition and special) Fees Number	Private Tuition Fees Number	Books and Stationery Number	Snacks and refreshments Number	Short distance travel Number
1	2	3	4	5	6
0 - 0	4	187	-	6	158
0 - 50	-	4	6	-	-
50 - 100	-	2	26	54	40
100 - 150	9	2	40	30	6
150 - 200	11	-	47	35	7
200 - 250	15	9	20	20	2
250 - 300	17	-	25	25	-
300 - 350	18	4	10	6	1
350 - 400	28	4	14	7	-
400 - 450	30	1	6	7	3
450 - 500	32	2	7	8	-
500 - 600	31	2	-	19	-
600 - 700	22	-	-	-	-

* Net of freeships and scholarships

TABLE - V (3) (CONTD..)

1	2	3	4	5	6
700 - 800	-	-	-	-	-
800 - 900	-	-	-	-	-
1000 - 1200	-	-	-	-	-
1200 - 1400	-	-	-	-	-
1400 - 1600	-	-	-	-	-
1600 - 1800	-	-	-	-	-
1800 - 2000	-	-	-	-	-
2000 - 2200	-	-	-	-	-
2200 - 2400	-	-	-	-	-
Total Number	217	217	217	217	217
Average Annual Expenditure in rupees and per- centage	400 (14)	36 (1.3)	189 (7)	222 (8)	34 (1.2)

(CONTD...)

TABLE - V (3) (CONTD....)

Amount of Expenditure Rs.00	Long distance travel Number	Miscellaneous travel Number	Room Rent Number	Mess. fees Number	University exam fees Rs.00	Grand total Rs.00
1	7	8	9	10	11	12
0 - 0	10	1	20	21	-	-
0 - 50	-	-	-	-	-	-
50 - 100	71	75	52	-	-	-
100 - 150	42	29	80	-	-	-
150 - 200	50	30	33	-	-	-
200 - 250	12	20	13	-	-	-
250 - 300	13	20	19	-	-	-
300 - 350	3	8	8	-	-	-
350 - 400	4	8	8	-	-	-
400 - 450	2	5	5	-	-	-
450 - 500	2	5	-	-	-	-
500 - 600	8	16	-	-	-	-
600 - 700	-	-	-	-	-	-

CONTD

TABLE V (3) (CONTD...)

1	7	8	9	10	11	12
700 - 800	-	-	-	10	-	-
800 - 900	-	-	-	-	-	-
1000 - 1200	-	-	-	46	-	-
1200 - 1400	-	-	-	67	-	-
1400 - 1600	-	-	-	-	-	-
1600 - 1800	-	-	-	35	-	-
1800 - 2000	-	-	-	20	-	-
2000 - 2200	-	-	-	-	-	-
2200 - 2400	-	-	-	18	-	-
Total Number	217	217	217	217	217	217
Average Annual Expenditure in Rupees and per- centage	158 (5.7)	200 (7.5)	174 (6.3)	1309 (47)	50 (2)	2772 (100)

Note: Numbers in brackets denote percentages.

TABLE - V (4)

SAMPLE POPULATION

GENERAL EDUCATION (ARTS, SCIENCE AND COMMERCE)
ITEM-WISE ANNUAL EXPENDITURE OF DAY SCHOLARS - WOMEN
EXPENDITURE IN RUPEES AND NUMBER OF STUDENTS
(JUNE 1978 - MAY 1979)

Amount of Expenditure - Rs.00	College* (Tuition and Special) Fees Number	Private Tuition Fees Number	Books and stationery Number	Snacks and refreshments Number	Short distance travel Number
1	2	3	4	5	6
0 - 0	-	179	4	43	65
0 - 50	-	4	7	-	-
50 - 100	-	1	39	114	45
100 - 150	5	-	40	12	23
150 - 200	6	-	44	12	30
200 - 250	17	4	15	1	5
250 - 300	24	-	20	2	5
300 - 350	21	-	8	1	4
350 - 400	14	1	8	-	4
400 - 450	11	-	2	1	2
450 - 500	12	-	2	2	2
500 - 600	20	-	-	1	4
600 - 700	59	-	-	-	-

* Net of freeships and scholarships

CONTD ...

TABLE - V (4) (CONTD...)

1	2	3	4	5	6
700 - 800	-	-	-	-	-
800 - 900	-	-	-	-	-
900 - 1000	-	-	-	-	-
1000 - 1200	-	-	-	-	-
1200 - 1400	-	-	-	-	-
1400 - 1600	-	-	-	-	-
1600 - 1800	-	-	-	-	-
1800 - 2000	-	-	-	-	-
2000 - 2200	-	-	-	-	-
2200 - 2400	-	-	-	-	-
Total Number	189	189	189	189	189
Average Annual Expenditure in Rupees and Percentage	447	8	186	80	110
	(40)	(1)	(17)	(7)	(10)

CONTD

TABLE - V (4)
CONTD...

Amount Expen- diture - Rs.00	Long Dist- ance travel Number	Miscellaneous Number	Room Rent Number	Mess Fees Number	University Exam fees Rs.00	Grand Total Rs.00
1	7	8	9	10	11	12
0 - 0	132	19	117	179	-	-
0 - 50	-	-	-	-	-	-
50 - 100	23	108	-	-	-	-
100 - 150	10	18	1	-	-	-
150 - 200	11	19	6	-	-	-
200 - 250	3	7	3	-	-	-
250 - 300	3	8	2	-	-	-
300 - 350	2	2	-	-	-	-
350 - 400	2	2	-	-	-	-
400 - 450	1	1	-	-	-	-
450 - 500	-	-	-	-	-	-
500 - 600	2	5	-	-	-	-
600 - 700	-	-	-	-	-	-

CONTD....

TABLE - V (4) (CONTD..)

1	7	8	9	10	11	12
700 - 800	-	-	-	7	-	-
800 - 900	-	-	-	-	-	-
900 - 1000	-	-	-	-	-	-
1000 - 1200	-	-	-	1	-	-
1200 - 1400	-	-	-	1	-	-
1400 - 1600	-	-	-	-	-	-
1600 - 1800	-	-	-	-	-	-
1800 - 2000	-	-	-	1	-	-
2000 - 2200	-	-	-	-	-	-
2200 - 2400	-	-	-	-	-	-
Total Number	189	189	189	189	189	189
Average Annual Expenditure in Rupees and percentage	49 (4.5)	117 (10.5)	12 (1)	51 (4.5)	50 (4.5)	1110 (100.00)

Note: Numbers in brackets denote percentages.

TABLE - V (5)

SAMPLE POPULATION

GENERAL EDUCATION (ARTS, SCIENCE AND COMMERCE)

ITEM-WISE ANNUAL EXPENDITURE OF HOSTEL RESIDENTS - WOMEN
EXPENDITURE IN RUPEES AND NUMBER OF STUDENTS
(JUNE 1978 - MAY 1979)

Amount of Expen- diture - Rs.00	College* (Tuition and Special) fees Number	Private Tuition fees Number	Books and stationery Number	Snacks and refreshments Number	Short dist- ance travel Number
1	2	3	4	5	6
0 - 00	-	122	-	-	115
0 - 50	-	-	-	-	-
50 - 100	-	-	19	83	5
100 - 150	1	-	23	13	2
150 - 200	-	-	23	13	-
200 - 250	-	-	12	3	-
250 - 300	5	-	13	4	-
300 - 350	10	-	10	2	2
350 - 400	1	-	17	-	-
400 - 450	12	-	2	-	-
450 - 500	13	-	-	-	-
500 - 600	4	-	3	4	-
600 - 700	76	-	-	-	-

* Net of freeships and scholarships

CONTD ...

TABLE - V (5) (CONTD...)

1	2	3	4	5	6
700 - 800	-	-	-	-	-
800 - 900	-	-	-	-	-
900 - 1000	-	-	-	-	-
1000 - 1200	-	-	-	-	-
1200 - 1400	-	-	-	-	-
1400 - 1600	-	-	-	-	-
1600 - 1800	-	-	-	-	-
1800 - 2000	-	-	-	-	-
2000 - 2200	-	-	-	-	-
2200 - 2400	-	-	-	-	-
Total Number	122	122	122	122	122
Average Annual	557	0	219	121	5
Expenditure in	(24)	(0)	(9.4)	(5) ¹ / ₂	(.2)
Rupees and Per-					
centage					

(CONTD)

TABLE - V (5) (CONTD....)

Amount of Expen- diture - Rs.00	Long distance travel	Miscellaneous	Room Rent	Mess Fees	University Exam fees	Grand Total
	Number	Number	Number	Number	Number	Number
1	7	8	9	10	11	12
0 - 00	1	-	2	1	-	-
0 - 50	-	-	-	-	-	-
50 - 100	71	90	-	-	-	-
100 - 150	15	9	12	-	-	-
150 - 200	15 15	10	68	-	-	-
200 - 250	5	3	12	-	-	-
250 - 300	6	4	1	-	-	-
300 - 350	2	1	27	-	-	-
350 - 400	2	2	-	-	-	-
400 - 450	1	-	-	-	-	-
450 - 500	1	-	-	-	-	-
500 - 550	3	3	-	-	-	-
600 - 700	-	-	-	-	-	-

CONTD ...

TABLE - V (5) (CONTD....)

1	7	8	9	10	11	12
700 - 800	-	-	-	80	-	-
800 - 900	-	-	-	-	-	-
900 - 1000	-	-	-	-	-	-
1000 - 1200	-	-	-	10	-	-
1200 - 1400	-	-	-	30	-	-
1400 - 1600	-	-	-	-	-	-
1600 - 1800	-	-	-	-	-	-
1800 - 2000	-	-	-	1	-	-
2000 - 2200	-	-	-	-	-	-
2200 - 2400	-	-	-	-	-	-
Total Number	122	122	122	122	122	122
Average Annual Expenditure in Rupees and Percentage	138	116	206	917	50	2329
	(6)	(5)	(9)	(39.4)	(2)	(100)

Note: Numbers in brackets denote percentages

TABLE - V (6)

SAMPLE POPULATION

PROFESSIONAL EDUCATION (ENGINEERING AND MEDICINE)
ITEM-WISE ANNUAL EXPENDITURE OF DAY-SCHOLARS-MEN
EXPENDITURE IN RUPEES AND NUMBER OF STUDENTS
(JUNE 1978 - MAY 1979)

Amount of Expen- diture - Rs.00	College* (Tuition and Special) Fees Number	Private Tuition Fees Number	Books and Stationery Number	Snacks and refreshments Number	Short distance travel Number
1	2	3	4	5	6
0 - 00	1	68	-	2	3
0 - 50	-	2	2	-	-
50 - 100	-	-	4	18	18
100 - 150	-	-	4	7	10
150 - 200	-	-	4	7	10
200 - 250	4	-	4	5	5
250 - 300	4	-	4	6	6
300 - 350	11	-	5	5	4
350 - 400	16	-	6	5	4
400 - 450	14	-	4	2	3
450 - 500	15	-	5	-	3
500 - 600	4	-	28	13	4
600 - 700	2	-	-	-	-

* Net of freeship and scholarships

CONTD.....

TABLE - V (6) (CONTD...)

1	2	3	4	5	6
700 - 800	-	-	-	-	-
800 - 900	-	-	-	-	-
900 - 1000	-	-	-	-	-
1000 - 1200	-	-	-	-	-
1200 - 1400	-	-	-	-	-
1400 - 1600	-	-	-	-	-
1600 - 1800	-	-	-	-	-
1800 - 2000	-	-	-	-	-
2000 - 2200	-	-	-	-	-
2200 - 2400	-	-	-	-	-
Total Number	70	70	70	70	70
Average Annual Expenditure in Rupees and Percentage	402 (23.5)	0.70 (0.05)	384 (22.5)	253 (15)	212 (12)

CONTD

TABLE - V (6) (CONTD...)

Amount of Expen- diture - Rs.00	Long Distance travel	Miscell- aneous	Room Rent	Mess Fees	University Exam Fees Rs.00	Grand Total Rs.00
	Number	Number	Number	Number	Number	Number
1	7	8	9	10	11	12
0 - 00	4	-	68	69	-	-
0 - 50	-	-	-	-	-	-
50 - 100	12	31	-	-	-	-
100 - 150	3	6	-	-	-	-
150 - 200	4	7	1	-	-	-
200 - 250	2	4	-	-	-	-
250 - 300	1	4	-	-	-	-
300 - 350	2	5	1	-	-	-
350 - 400	2	6	-	-	-	-
400 - 450	-	2	-	-	-	-
450 - 500	-	3	-	-	-	-
500 - 600	3	2	-	-	-	-
600 - 700	-	-	-	-	-	-

(CONTD...)

TABLE V (6) (CONTD.....)

1	7	8	9	10	11	12
700 - 800	-	-	-	-	-	-
800 - 900	-	-	-	-	-	-
900 - 1000	-	-	-	-	-	-
1000 - 1200	-	-	-	-	-	-
1200 - 1400	-	-	-	-	-	-
1400 - 1600	-	-	-	-	-	-
1600 - 1800	-	-	-	1	-	-
1800 - 2000	-	-	-	-	-	-
2000 - 2200	-	-	-	-	-	-
2200 - 2400	-	-	-	-	-	-
Total Number	70	70	70	70	70	70
Average Annual Expenditure in Rupees and Percentage	82 (5)	194 (11)	7 (0.5)	24 (1.5)	150 (9)	1709 (100)

Note: Numbers in Brackets denote percentages

TABLE - V (7)

SAMPLE POPULATION

PROFESSIONAL EDUCATION (ENGINEERING AND MEDICINE)
ITEM-WISE ANNUAL EXPENDITURE OF HOSTEL RESIDENTS - MEN
EXPENDITURE IN RUPEES AND NUMBER OF STUDENTS
(JUNE 1978 - MAY 1979)

Amount of Expendi- ture - Rs.00	College* (Tuition and Special) Fees Number	Private Tuition Fees Number	Books and stationery Number	Snacks and refreshments Number	Short dist- ance travel Number
1	2	3	4	5	6
0 - 00	3	115	6	3	79
0 - 50	-	2	-	-	-
50 - 100	-	-	1	13	19
100 - 150	1	-	7	11	2
150 - 200	2	-	8	12	-
200 - 250	25	-	5	12	3
250 - 300	7	-	5	12	2
300 - 350	5	1	15	12	2
350 - 400	52	-	15	12	2
400 - 450	6	-	4	5	1
450 - 500	7	-	5	6	2
500 - 600	5	-	46	19	5
600 - 700	4	-	-	-	-

* Net of freships and scholarships

CONTD...

TABLE - V (7) (CONTD....)

1	2	3	4	5	6
700 - 800	-	-	-	-	-
800 - 900	-	-	-	-	-
900 - 1000	-	-	-	-	-
1000 - 1200	-	-	-	-	-
1200 - 1400	-	-	-	-	-
1400 - 1600	-	-	-	-	-
1600 - 1800	-	-	-	-	-
1800 - 2000	-	-	-	-	-
2000 - 2200	-	-	-	-	-
2200 - 2400	-	-	-	-	-
Total Number	117	117	117	117	117
Average Annual Expenditure in Rupees and Percentage	345 (9)	0.50 (0.01)	382 (10)	293 (7.5)	72 (2)

(CONTD)

TABLE - V (7) (CONTD...)

Amount of Expen- di ture Rs.00	Long dist- ance travel Number	Miscell- aneous Number	Room Rent Number	Mess fees Number	University Exam fees Rs.00	Grand Total Rs.00
1	7	8	9	10	11	12
0 - 00	-	1	4	2	-	-
0 - 50	-	-	-	-	-	-
50 - 100	20	23	-	-	-	-
100 - 150	20	16	55	-	-	-
150 - 200	22	16	32	-	-	-
200 - 250	14	9	11	-	-	-
250 - 300	14	9	2	-	-	-
300 - 350	9	9	13	-	-	-
350 - 400	9	10	-	-	-	-
400 - 450	2	2	-	-	-	-
450 - 500	2	-	-	-	-	-
500 - 600	5	22	-	-	-	-
600 - 700	-	-	-	-	-	-

CONTD

TABLE - V (7) (CONTD...)

1	7	8	9	10	11	12
700 - 800	-	-	-	2	-	-
800 - 900	-	-	-	-	-	-
900 - 1000	-	-	-	-	-	-
1000 - 1200	-	-	-	-	-	-
1200 - 1400	-	-	-	2	-	-
1400 - 1600	-	-	-	-	-	-
1600 - 1800	-	-	-	20	-	-
1800 - 2000	-	-	-	45	-	-
2000 - 2200	-	-	-	-	-	-
2200 - 2400	-	-	-	46	-	-
Total Number	117	117	117	117	117	117
Average Annual Expenditure in Rupees and Percentage	220 (5.5)	262 (7)	169 (4)	1961 (51)	150 (4)	3855 (100)

Note: Numbers in brackets denote percentages

TABLE - V (8)

SAMPLE POPULATION

PROFESSIONAL EDUCATION (ENGINEERING AND MEDICINE)
ITEM-WISE ANNUAL EXPENDITURE OF DAY SCHOLARS - WOMEN
EXPENDITURE IN RUPEES AND NUMBER OF STUDENTS
(JUNE 1978 - MAY 1979)

Amount of Expenditure Rs-00	College* (Tuition and Special) Fees Number	Private Tuition Fees Number	Books and Stationery Number	Spacks and refreshments Number	Short dist- ance travel Number
1	2	3	4	5	6
0 - 00	-	47	-	6	3
0 - 50	-	4	-	-	-
50 - 100	-	-	1	17	16
100 - 150	-	-	2	6	11
150 - 200	-	-	-	6	12
200 - 250	3	-	4	2	3
250 - 300	6	-	5	1	3
300 - 350	22	-	8	2	1
350 - 400	3	-	8	3	-
400 - 450	7	-	2	2	2
450 - 500	10	-	3	2	-
500 - 600	-	-	18	4	-
600 - 700	-	-	-	-	-

* Net of freeships and scholarships

CONTD...

TABLE - V (8) (CONTD.....)

1	2	3	4	5	6
700 - 800	-	-	-	-	-
800 - 900	-	-	-	-	-
900 - 1000	-	-	-	-	-
1000 - 1200	-	-	-	-	-
1200 - 1400	-	-	-	-	-
1400 - 1600	-	-	-	-	-
1600 - 1800	-	-	-	-	-
1800 - 2000	-	-	-	-	-
2000 - 2200	-	-	-	-	-
2200 - 2400	-	-	-	-	-
Total Number	51	51	51	51	51
Average Annual Expenditure in Rupees and Percentage	359	2	400	188	144
	(23)	(0.1)	(25)	(12)	(9)

CONTD.....

TABLE - V (8) (CONTD...)

Amount of Expen- diture Rs-00	Long Dist- ance travel Number	Miscellan- eous Number	Room Rent Number	Mess Fees Number	University Exam fees Rs-00	Grand Total Rs-00
1	7	8	9	10	11	12
0 - 00	27	2	49	48	-	-
0 - 50	-	-	-	-	-	-
50 - 100	16	25	-	-	-	-
100 - 150	-	6	1	-	-	-
150 - 200	-	7	-	-	-	-
200 - 250	2	2	1	-	-	-
250 - 300	2	2	-	-	-	-
300 - 350	1	2	-	-	-	-
350 - 400	-	3	-	-	-	-
400 - 450	-	2	-	-	-	-
450 - 500	-	-	-	-	-	-
500 - 600	3	-	-	-	-	-
600 - 700	-	-	-	-	-	-

CONTD....

TABLE - V (8) (CONTD...)

1	7	8	9	10	11	12
700 - 800	-	-	-	-	-	-
800 - 900	-	-	-	-	-	-
900 -1000	-	-	-	-	-	-
1000 -1200	-	-	-	1	-	-
1200 -1400	-	-	-	-	-	-
1400 -1600	-	-	-	-	-	-
1600 -1800	-	-	-	1	-	-
1800 -2000	-	-	-	-	-	-
2000 -2200	-	-	-	-	-	-
2200 -2400	-	-	-	1	-	-
Total Number	51	51	51	51	51	51
Average Annual Expenditure in Rupees and Percentage	82	147	7	100	150	1579
	(5)	(9.5)	(0.4)	(6.5)	(9.5)	(100)

Note: Numbers in brackets denote percentages.

TABLE - V (9)

SAMPLE POPULATION

PROFESSIONAL EDUCATION (ENGINEERING AND MEDICINE)
 ITEM-WISE ANNUAL EXPENDITURE OF HOSTEL RESIDENTS - WOMEN
 EXPENDITURE IN RUPEES AND NUMBER OF STUDENTS
 (JUNE 1978 - MAY 1979)

Amount of Expen- diture Rs.00	College* (Tuition and Special) Fees Number	Private Tuition Fees Number	Books and stationery Number	Snacks and refreshments Number	Short dist- ance travel Number
1	2	3	4	5	6
0 - 00	-	38	-	3	29
0 - 50	-	-	-	-	-
50 - 100	-	-	1	15	8
100 - 150	-	-	2	3	-
150 - 200	-	-	-	3	-
200 - 250	13	-	2	2	1
250 - 300	7	-	1	3	-
300 - 350	5	-	2	1	-
350 - 400	2	-	3	1	-
400 - 450	5	-	-	2	-
450 - 500	6	-	2	3	-
500 - 600	-	-	25	2	-
600 - 700	-	-	-	-	-

* Net of freeshipsand scholarships

CONTD

TABLE - V (9) (CONTD...)

1	2	3	4	5	6
700 - 800	-	-	-	-	-
800 - 900	-	-	-	-	-
900 - 1000	-	-	-	-	-
1000 - 1200	-	-	-	-	-
1200 - 1400	-	-	-	-	-
1400 - 1600	-	-	-	-	-
1600 - 1800	-	-	-	-	-
1800 - 2000	-	-	-	-	-
2000 - 2200	-	-	-	-	-
2200 - 2400	-	-	-	-	-
Total Number	38	38	38	38	38
Average Annual	321	-	461	194	22
Expenditure in	(9)	-	(13)	(6)	(0.5)
Rupees and Per-					
centage					

CONTD

TABLE - V (9) (CONTD....)

Amount of Expenditure - Rs.00	Long Distance travel Number	Miscellaneous Number	Room Rent Number	Mess Fees Number	University Exam Fees Rs.00	Grand Total Rs.00
1	7	8	9	10	11	12
0 - 00	-	-	-	-	-	-
0 - 50	-	-	-	-	-	-
50 - 100	12	24	-	-	-	-
100 - 150	7	2	23	-	-	-
150 - 200	7	2	7	-	-	-
200 - 250	3	2	5	-	-	-
250 - 300	4	3	-	-	-	-
300 - 350	-	1	3	-	-	-
350 - 400	1	1	-	-	-	-
400 - 450	1	1	-	-	-	-
450 - 500	-	-	-	-	-	-
500 - 600	3	2	-	-	-	-
600 - 700	-	-	-	-	-	-

CONTD ...

TABLE - V (9) (CONTD)

1	7	8	9	10	11	12
700 - 800	-	-	-	-	-	-
800 - 900	-	-	-	-	-	-
900 - 1000	-	-	-	-	-	-
1000 - 1200	-	-	-	2	-	-
1200 - 1400	-	-	-	9	-	-
1400 - 1600	-	-	-	-	-	-
1600 - 1800	-	-	-	12	-	-
1800 - 2000	-	-	-	4	-	-
2000 - 2200	-	-	-	-	-	-
2200 - 2400	-	-	-	11	-	-
Total Number	38	38	38	38	38	38
Average Annual Expenditure in Rupees and Per- centage	190 (6)	155 (4.5)	163 (5)	1768 (52)	150 (4)	3424 (100)

Note: Numbers in brackets denote percentages

A. Institutionally determined (Fixed) Expenditure

1) College fees* and University examination fees

31% (27% + 4%) of the total expenditure of men day-scholars of general higher education go towards college and university examination fees as against 16% (14+2) of men hostel residents. In the case of women students of the same faculty, it is 44.5% (40 + 4.5) for day-scholars as against 26% (24+2) for hostel residents.

The corresponding percentages of expenditure for professional education were 32.5% (23.5+9) each, for men and women day-scholars, as against 13% (9+4) each, for men and women hostel residents.

Expenditure on college and university examination fees constituted the largest share of expenditure for men and women day-scholars of both general and professional education, while it formed the second largest share of expenditure for hostel residents.

2) Room Rent

On an average, day-scholars, men and women of general education, spent about 1% of their total annual expenditure on room rent. Day-scholars who incur expenses on room rent are those who stay with relatives or guardians as paying-guests.

* College fees - Net of freeships and scholarships.

The average expenditure on room rent for men hostel residents of general education was 6.3% as against 9.0% for women. Room rents vary from hostel to hostel. Room rents, in general, are higher in private college hostels than in government college hostels, and higher still in women's than in men's hostels.

Room rents in professional colleges are lower than in general education colleges, the reason, being that 80% of the professional education colleges are managed by the government. The average annual expenditure on room rent among day-scholars was 0.5% and 0.4%, respectively, among men and women, as against 4% and 5%, respectively, among men and women hostel residents.

Thus, institutionally determined expenditure constituted 32% of total expenditure of men day-scholars as against 22% for hostel residents of general education. The corresponding figures for women were 45.5% for day-scholars as against 35% for hostel residents. 33% of the total expenditure were incurred on institutionally determined expenditure by men-day scholars of professional education as against 17% by hostel residents. The corresponding figures for women were 33% and 18%, respectively. The expenditure on institutionally determined expenditure, in general, was higher, for students of general education than of professional education.

B. Individually determined (Non-Institutional)
Expenditure

1) Private Tuition

The percentage of expenditure on private tuition is negligible, especially, in the case of professional education. The highest share of 1.3% of total expenditure was incurred by men hostel residents of general education. Women students, in general did not spend much on private tuition. The sample survey reveals that private tuition is not as prevalent as in Tamil Nadu colleges as it was believed to be.

2) Books and Stationery:

A major item of expenditure for students is on books and stationery. In terms of percentage and actual money spent, professional students spent more than students of general education. Relatively, women students spent more money on books and stationery than men students. In money terms, in general education men day-scholars spent more than women day-scholars, while women hostel residents spent more than men hostel residents. In professional education, women, both day-scholars and hostel residents, spent more than men students on books and stationery.

Among day-scholars of both general and professional education, the percentage of expenditure on books and stationery was second only to that of college and university examination fees.

3) Snacks and Refreshments:

For hostel residents, expenditure on snacks and refreshments constituted an important item of expenditure. Percentage-wise men spent more than women, while in money terms hostel residents spent more than day-scholars.

4) Short and long distance travel:

By short distance travel, we mean the expenditure incurred by students by ~~community~~ ^{commuting} daily from their place of residence to college and back. In the sample survey, 60% of men and 56% of women, commute daily to and from college on foot, by bus or train, on cycle or scooter or by car or by some other means of transport.

The following table gives an idea of the types of the means of transport and the percentage of the sample population that possesses one or more of these means of transport:

TABLE - V (10)
 SAMPLE POPULATION
 TYPES OF TRANSPORT AND PERCENTAGE OF POSSESSION
 1978 - 1979

Types of Transport	Percentage of the sample population possessing one or more of the means of transport	
	Men	Women
Bicycle	69.0%	60.0%
Scooter	10.0%	11.3%
Motor Cycle	8.9%	6.8%
Car	7.5%	12.6%
Nil	4.6%	9.3%
Total Number	871 (100%)	398 (100%)

In calculating the expenditure on short distance travel only out-of-pocket expenditure was taken into consideration.

The average annual expenditure on short distance travel, was Rs.162/- and Rs.212/- each, for men day-scholars of general education and professional education, respectively, as against Rs.34/- and Rs.72/- for hostel residents of the same faculties. The corresponding figures for women students were Rs.110/- and Rs.144/-, respectively, for day-scholars as against Rs.5/- and Rs.22/- each, for hostel residents. As expected, day-scholars spent more on short distance travel than hostel residents.

Long distance travel comprises travelling by hostel residents from their homes to their place of residents on joining colleges and to their homes on vacation, and travelling on educational excursions by both day-scholars and hostel residents, etc....

There is significant difference in the actual amount of money spent on long distance travel between day-scholars and hostel residents. The expenditure on long distance travel of a hostel resident was at least twice more than that of a day-scholar in the case of women and one and a half times more in the case of men students of general education. Hostel residents of professional education, both men and women, spent twice as much as their counterparts, day - scholars.

In general, day-scholars spent more on short distance than on long distance travel, while hostel residents spent more on long distance than on short distance travel. Thus we have 48% of men and 70% of women day-scholars of general education who did not spend any money on long distance travel as against 73% men and 94% women hostel residents who did not spend any money on short distance travel. 59% men and 53% women day-scholars of professional education did not spend any money on long distance travel as against 68% men and 76% women hostel residents who did not spend any money on short distance travel.

5) Miscellaneous Expenditure:

By miscellaneous expenditure we mean the expenditure incurred on such items as entertainment, cigarettes, laundry, cosmetics, hair-do, personal sports-wear and equipment etc.... The percentage of students who did

not incur any expense on miscellaneous items are negligible.

The faculty-wise percentage of total expenditure and actual annual expenditure on miscellaneous items were as follows:-

General Education:

Men - day-scholars - 16% (Rs.180/- per annum),
 hostel residents - 7.5% (Rs.200/- per annum),
Women - day-scholars - 10.5% (Rs.117/- per annum),
 and
 hostel residents - 5% (Rs.116/- per annum)

Professional Education

Men - day-scholars - 11% (Rs.194/- per annum),
 Hostel residents - 7% (Rs.262/- per annum),
Women - day-scholars - 9.5% (Rs.147/- per annum),
 and
 hostel residents - 5.5% (Rs.155/- per annum)

6) Mess fees

Residential college hostels in Tamil Nadu provide either vegetarian and non-vegetarian or only vegetarian meals. All hostels provide three meals, namely, break-fast, lunch and dinner. In addition, some hostels also supply tea and snacks in the evening. The rates of mess fees vary from hostel to hostel.

Mess fees are incurred not only by hostel residents, but also by day-scholars who take meals from hostels. The percentage of expenditure on mess fees by day-scholars varied from 4 to 4.5% in the case of

general education students and from 1.5 to 6.5% in the case of professional education students.

The lion's share of the private expenditure of a hostel resident went to defray the expenses on hostel mess. The percentage of total expenditure and actual annual expenditure on mess fees are given in the following Summary Table V - (11):

SUMMARY TABLE V - (11)

SAMPLE POPULATION

ANNUAL EXPENDITURE ON MESS FEES IN RUPEES AND
PERCENTAGE OF TOTAL EXPENDITURE
1978 - 1979

Men/Women	General Education		Professional Education	
	Day-Scho-lars	Hostel Residents	Day-Scho-lars	Hostel Residents
1	2	3	4	5
Men	57 (4%)	1309 (47%)	24 (1.5%)	1961 (51%)
Women	51 (4.5%)	917 (39.4%)	100 (6.5%)	1768 (52%)

Prepared from Tables V - (2) to V-(9)

Average Annual Total Private Expenditure

Table V - (12) shows the faculty-wise average annual total expenditure on higher education. The table gives the faculty-wise fixed and variable expenditure as percentage of annual total private cost of higher education.

TABLE V - (12)
SAMPLE POPULATION

FACULTY-WISE FIXED AND VARIABLE EXPENDITURES AS PERCENTAGES OF
ANNUAL TOTAL PRIVATE EXPENDITURE ON HIGHER EDUCATION (INSTITU-
TIONAL AND NON-INSTITUTIONAL EXPENDITURES)

1978 - 79

M e n

Day Scholars Hostel Residents

	Fixed Expen- diture %	Variable Expenditure %	Total Rs.and %	Fixed Expenditure %	Variable Expenditure %	Total Rs.and %
1	2	3	4	5	6	7

General Edu-
cation

32

68

1322
(100)

22

78

2772
(100)

Professional
Education

33

67

1709
(100)

17

83

3855
(100)

CONTD

TABLE - V (12) CONTD.....

W o m e n												
Day Scholars					Hostel Residents							
	1	8	9		10	11		12		13		
			Fixed Expenditure %	Variable Expenditure %		Fixed Expenditure %	Variable Expenditure %	Fixed Expenditure %	Variable Expenditure %		Total Rs.and %	Total Rs.and %
General Education		45.5		54.5	1110 (100)	35	65			2329 (100)		
Professional Education		33		67	1579 (100)	18	82			3424 (100)		

Note: Prepared from Tables V - (2) to (9)

ion. The table brings out clearly the difference in expenditure between men and women students of the same faculty as well as between day-scholars and hostel residents.

Fixed expenditure constituted 32% of total expenditure for men day-scholars as against 45.5% for women students of general education. Again, among hostel residents, the proportion of fixed and expenditure to variable expenditure was 22:78 for men as against 35:65 for women.

There does not seem to be as marked a disparity in the ratio of fixed expenditure to variable expenditure among men and women students, day-scholars and hostel residents, of professional education. The ratio were 33:67 in the case of both men and women day-scholars, and 17:83 and 18:82 in the case of men and women, hostel residents, respectively.

Summing up our foregoing analysis on the private expenditure on higher education, we find that;

- a) the percentage of expenditure per pupil on college and university examination fees is higher for women than for men students of general education, while they are equal in the case of men and women students of professional education;
- b) the percentage of expenditure per pupil on variable expenditure is higher for men than for women of general education, while they are practically the same in the case of men and women of professional education;
- c) the per pupil expenditure of hostel residents,

men and women, of both general and professional education, is at least twice as high as that of day-scholars. In spite of this, 38% men and 40% women students of the sample population resided in hostels. The percentage of men students of professional education residing in hostels were as high as 63;

- a) more than 50% of the total private expenditure of hostel residents of both sexes goes to meet the expenditure on room rent and mess fees, except in the case of women hostel residents of general education whose expenditure was 44.4%;
- e) the private expenditure of professional higher education is higher than that of general education. The private expenditure of professional education exceeds that of general education by 29 and 42 per cent each, for men and women day scholars, and 39 and 47 per cent each, for men and women hostel residents;
- f) combining the annual total expenditure of day scholars and hostel residents together, the annual expenditure is as follows:

General Education

Men	-	Rs.1,780/-
Women	-	Rs.1,588/-

Professional Education

Men	-	Rs.3,052/-
Women	-	Rs.2,367/-

That is, the private expenditure on professional

education exceeds that of general education by 71% in the case of men, and 49% in the case of women students.

Significance of Non-Institutional costs:

In table V - (¹³/~~12~~), we show the average expenditure on various items by way of a summary. It is interesting to note that hostel students spend nearly twice as much for acquiring the same education as the day scholars. The following figures bring out in a striking manner the burden on hostel students. These figures are taken from columns 8, 9 and columns 17 and 18 of Table V - (12).

Average Annual Expenditure:

- 1) General Education Day-scholars - Rs.1,261/-,
- 2) General Education Hostel Residents - Rs.2,613/-,
- 3) Professional Education Day-Scholars
- Rs.1,654/-, and
- 4) Professional Education Hostel Residents
- Rs.3,749/-.

Proposals which are often made to abolish the college tuition fees overlook this dimension of the problem.

Another aspect to which attention should be drawn is that institutionally determined costs are only a part of the total educational expenditure. If we were to consider college fees, room rent and university examination fees as institutional costs and private tuition, expenditure on books and stationery, short distance and long distance travel as private expenditure specific to the education process, we get the following pictures

Degree specialisation	Institutional costs Rs.00	Private costs specific to education - Rs.00
-----	-----	-----
General Education	531	430
Professional Education	606	667
-----	-----	-----

Even if we were to consider that snacks and refreshments, miscellaneous expenditure ^{IN} and mess charges represent items of expenditure which would have been there, even if a person were not acquiring education, we find that private costs specific to education, such as short and long distance travel, private tuition and books and stationery add up to quite a significant figure.

TABLE - V (13)
SAMPLE POPULATION
AVERAGE EXPENDITURE ON VARIOUS ITEMS IN RUPEES
(JUNE 1978-MAY1979)

Items of Expenditure	General Education - Men			General Education - Women		
	Day-Scho- lers	Hostels Residents	Total	Day-Scho- lars	Hostel Residents	Total
1	2	3	4	5	6	7
College fees*	361	400	373	447	557	490
Private Tuition Fees	15	36	22	8	0	5
Books and Stationery	201	189	197	186	219	199
Snacks and Refreshments	180	222	193	80	121	96
Short distance travel	162	34	122	110	5	69
Long distance travel	104	158	121	49	138	84
Miscellaneous	180	200	186	117	116	117
Room Rent	12	174	63	12	206	88
Mess Fees	57	1309	452	51	917	391
University Exam Fees	50	50	50	50	50	50
Average Expenditure	1322	2772	1780	1100	2329	1588
Number of students	470	217	687	189	122	311

* Net of freeships and scholarships

(CONTD...)

TABLE - V (13) (CONTD....)

General Education All			
Items of Expenditure	Day Scholars	Hostel Residents	Total
1	8	9	10
College fees	386	457	410
Private Tuition Fees	13	23	16
Books and Stationery	197	200	198
Snacks and Refreshments	151	186	163
Short distance travel	149	24	107
Long distance travel	88	151	109
Miscellaneous	162	170	165
Room Rent	12	186	71
Mess Fees	55	1168	433
University Exam fees	50	50	50
Average Expenditure	1261	2613	1720
Number of students	659	339	998

(CONTD)

TABLE V - (13) (CONTD...)

Items of Expenditure	Professional Education - Men			Professional Education - Women		
	Day Scholars	Hostel Residents	Total	Day Scholars	Hostel Residents	Total
1	11	12	13	14	15	16
College fees*	402	345	366	359	321	343
Private Tuition fees	1	1	1	2	0	1
Books and Stationery	384	382	384	400	461	426
Snacks and Refreshments	253	293	278	188	194	191
Short distance travel	212	72	124	144	22	92
Long distance travel	82	220	168	82	190	128
Miscellaneous	194	262	237	147	155	150
Room Rent	7	169	108	7	163	74
Mess Fees	24	1961	1236	100	1768	812
University Exam fees	150	150	150	150	150	150
Average Expenditure	1709	3855	3051	1579	3424	2367
Number of students	70	117	187	51	38	89

* Net of freeships and scholarships

(CONTD...)

TABLE V - (13) (CONTD.....)

Items of Expenditure	Professional Education - All		
	Day Scholars	Hostel Residents	Total
1	17	18	19
College fees*	384	339	359
Private Tuition fees	1	1	1
Books and Stationery	391	401	396
Snacks and Refreshments	226	269	250
Short distance travel	183	60	114
Long distance travel	82	213	156
Miscellaneous	174	236	209
Room Rent	7	168	97
Mess fees	56	1914	1099
University Exam fees	150	150	150
Average Expenditure	1654	3749	2831
Number of students	121	155	276

* Net of freeships and scholarships.