



ANNUAL REPORT 1981

Appropriate Technology Services
121, POINT PEDRO ROAD
NAKKULU, JAFFNA.
No.

University of Jaffna. Sri Lanka

VICE-CHANCELLOR'S REPORT

At the end of 1981 the University of Jaffna completed three full years as a separate autonomous University. Although the building programme did not progress according to schedule, the arrangements to shift the Medical Faculty to the new premises were almost completed towards the end of the year and the long-awaited shifting of the library to the new building near the Science Blocks also took place at the end of the year. The Men's Hostel was opened for occupation at the beginning of the year. With this progress in the building programme, some of the problems that gave serious concern to the authorities in the previous years began to ease.

The new appointments in the Medical Faculty during the year helped to stabilise the position of many of the new departments and to make significant progress in the teaching programme. It is worthy of note that several foreign students, especially from the U.K. and the U.S.A. chose to spend their elective periods in the Professorial Units of our Medical Faculty.

For a good part of the year, we had a Registrar in charge of the administration, but he had to leave us in October to accept the post of Government Agent and District Secretary of the Vavuniya District. As a result, the work in the administration suffered a setback. The Assistant Registrars did their best to cope with the demands of the University without a Registrar.

A Department of Education in the Faculty of Arts was established towards the end of 1980. With the transfer to this Department most of the Tamil Staff Members of the Faculty of Education in Colombo, a Diploma Course in Education was started and the first batch of students admitted to this course passed out this year. The first batch of students for the M.A. in Education was also admitted this year.

Publication

Research Articles

யாழ்ப்பாணத்தரசர் காலத்துத் தமிழ்ப் பணிகளும் தமிழ் சங்கமும்
Proceedings of the Fifth International Conference—Seminar of
Tamil Studies Madurai 1981.

Published in November 1981

Printed at Kalakshetra Press, Madras 600004.

PRINCIPAL OFFICERS

The Chancellor and the Officers of the University in terms of Sections 32 and 33 of the Universities Act. No. 16 of 1978 during the year 1981 were as follows:

- The Chancellor** — V. Manicavasagar Esqr
The Vice-Chancellor— Prof. S. Vithiananthan
The Deans — Faculty of Arts: Prof. K. Kailasapathy
Faculty of Medicine: Prof. A.A. Hoover
(till 2-7-81)
Prof. R. Kanagasuntheram
(from 3-7-81)
Faculty of Science: Prof. V. Tharmaratnam
- The Registrar** — Mr. K. C. Logeswaran (till 4-10-1981)
Mrs. M. Balakrishnar, Asst. Registrar
(Covering up the duties of the Registrar)
- The Acting Librarian**— Mr. R. S. Thambiah (till 30-09-1981)
The Administration of the Library was under the Vice-Chancellor till the Librarian was appointed.
- The Bursar** — Mr. V. Elalingam (till 25-05-1981)
Mrs. K. Yuhendran, Asst. Bursar
(Covering up the duties of Bursar)

University Authorities

In terms of Part VII of the Act, the Authorities of the University consisted of the following members:

(1) The Court

Ex-Officio

The Chancellor

The Vice-Chancellor

The Members of the Council

The Deans of the Faculties

Elected Members:

(a) Elected by the Faculties:

Mr. N. Balakrishnan — Faculty of Arts

Prof S. V. Parameswaran — Faculty of Medicine

Prof. V. K. Ganeshalingam — Faculty of Science

(b) Elected by Permanent Teachers who are not members of the Senate

Rev. (Dr.) G. F. Rajendram

Dr. A. Sanmugadas

(c) Elected by the Administrative Staff:

Mrs. M. Balakrishnar

(d) Elected by the Non-Academic Staff:

Mr. V. S. Sivalingam

(e) Elected by the Student Assembly of the University from among its members:

Mr. K. N. Rajanayagam

Mr. K. T. Sivakumar

(f) Elected by the Parliament:

Mr. Yasapala Herath

Mr. M. Halim Ishak

Mr. M. E. H. Mahroof

Mr. T. Rasalingam

Mr. Dayaratne Walagambahu

Mr. U. B. Wijekoon

(g) Elected by the Professional and Cultural Institution:

Mr. M. Pasupati —Chartered Accountant of Sri-Lanka

Prof. S. R. Kottegoda —Sri Lanka Association for the Advancement of Science

Prof. H. W. Thambiah —Royal Asiatic Society

Dr. A. S. Kunasingham —National Academy of Sciences of Sri Lanka

Prof. T. Nadarajah —Council of Legal Education

Dr. R. R. Cooke —Ceylon Medical Council

Mr. P. R. Wickremasuriya—Sri Lanka Oriental Studies Society

Mr. T. Sangaralingam —Sri Lanka Education Service Principals Union

(11) The Council:

(a) *Ex-Officio*

The Vice-Chancellor —Prof. S. Vithiananthan

Dean/Arts —Prof. K. Kailasapathy

Dean/Medicine

—Prof. A. A. Hoover (till 2-7-81)
Prof. R. Kanagasuntheram
(from 3-7-81)

Dean/Science

—Prof. V. Tharmaratnam

(b) Other Members

Elected by the Senate from among its Members:

Prof. S. Mageswaran

Prof. M. Sivasuriya

Prof. K. Sivathamby

Appointed by the University Grants Commission:

Mr. S. Ambikaipakan

Mr. Yogendra Duraiswamy

Mr. Lionel Fernando

Mr. S. R. Kanaganayagam

Dr. James T. Rutnam

Janab S. H. M. Sahidu

Mr. M. Sri Kantha

Dr. Neelan Tiruchelvam

Mr. N. Vijayasingham

Mr. G. G. Ponnambalam (Jnr.)

Dr. S. Anandarajan — from February 1981

(in place of Mr. G. G. Ponnambalam (Jnr.))

Mr. D. Nesiah — from August 1981

(in place of Mr. N. Vijayasingham)

Mr. S. Thambithurai — from November 1981

(in place of Dr. Neelan Tiruchelvam)

There was a total of 17 meetings including 6 Special Meetings held during the year.

The following Standing Committees of the Council functioned during the year:

(a) Planning and Development Committee:

Mr. S. R. Kanaganayagam —Chairman

Prof. A. A. Hoover —till 02-07-1981

Prof. R. Kanagasuntheram —from 03-07-1981

Prof. K. Kailasapathy

Prof. V. Tharmaratnam

Mr. M. Sri Kantha

Mr. V. Elalingam —till 24-05-1981
 Mrs. K. Yuhendran —from 25-05-1981
 Mr. J. H. Ariyaratnam —Senior Asst. Registrar Planning (Secretary)

(b) Finance Committee:

The Vice-Chancellor —Chairman

The Deans

Mr. Yogendra Duraiswamy

Mr. M. Sri Kantha

Mr. S. Ambikaipakan

The Registrar

The Bursar

(c) Project Monitoring Committee:

The Vice-Chancellor —Chairman

The Deans

Mr. M. Sri Kantha

Mr. S. R. Kanaganayagam

The Registrar

The Bursar

Mr. J. H. Ariyaratnam, Senior Assistant Registrar /Planning (Secretary)

(d) Employees' Grievances Committee

Mr. M. Sri Kantha

Mr. N. Vijayasingham (till August 1981)

Janab S. H. M. Sahidu (from August 1981)

Prof. K. Kailasapathy

Assistant Registrar / Establishments — Convenor/Secretary

(111) The Senate

Ex-Officio:

The Vice - Chancellor — Prof. S. Vithiananthan

Dean/Arts — Prof. K. Kailasapathy

Dean/Medicine — Prof. A. A. Hoover (till 2-7-81)
 Prof. R. Kanagasuntheram
 from 3-7-81)

Dean/Science — Prof. V. Tharmaratnam

Head/Pathology — Prof. C. C. Balasubramaniam

Head/Economics	— Mr. N. Balakrishnan
Head/Geography	— Prof. P. Balasundarampillai
Head/Education	— Prof. P. Chandrasegaram
Head/Zoology	— Prof. V. K. Ganeshalingam
Head/Hindu Civilization	— Prof. K. Kailasanatha Kurukkal
Head/Surgery	— Prof. V. Karunanathan
Head/Physics	— Dr. V. Ramachandran (till 11-10-81) Prof. K. Kumaratnam (from 12-10-81)
Head/Chemistry	— Prof. S. Mageswaran
Head/Physiology	— Prof. S. V. Parameswaran
Head/Paediatrics	— Prof. D. Ramadas
Head/Philosophy	— Dr. V. Ramakrishnan
Head/History	— Prof. K. Indrapala
Head/Maths & Statistics	— Prof. J. B. Selliah
Head/Community Medicine	— Prof. C. Sivagnanasundaram
Head/Sanskrit	— Mr. V. Sivasamy
Head/Obstetrics & Gynaccology	— Prof. M. Sivasuriya
Head/Medicine	— Prof. N. Sreeharan
Head/Tamil	— Prof. K. Sivathamby
Head/Botany	— Prof. K. Theivendirarajah
Head/Anatomy	— Dr. (Mrs) R. Thiranagama
Acting Librarian	— Mr. R. S. Thambiah

Elected Members:

Mr. Seelan Kadirgamar	— Elected by the Arts Faculty
Mr. R. Mathanakaran	— Elected by the Arts Faculty
Dr. (Mrs.) V. Karunakaran	— Elected by the Medical Faculty
Dr. N. Saravanapavanan- than	— Elected by the Medical Faculty
Dr. S. Kandiah	— Elected by the Science Faculty
Dr. V. Pasupathy	— Elected by the Science Faculty

(IV) The Faculties:

The following members were elected from outside the University under Section 48 (1) (f) of the Act.

Faculty of Arts

- Dr. James T. Rutnam
- Mr. N. Sabaratnam
- Mrs. R. Navaratnam

Faculty of Medicine:

- Dr. Yogu Pasupati
- Dr. S. Ponnampalam
- Dr. R. Arudpiragasam

Faculty of Science:

- Prof. B. A. Baptist
- Prof. R. S. Ramakrishna
- Dr. R. Mahalingasivam

STAFF PROMOTIONS

Name	From	Rank	Country	Department	Date of Promotion
1. Dr. S. K. Srinivasan	Asst. Prof.	Senior Lecturer	India	Physics	01-10-1981
2. Dr. S. K. Srinivasan	Asst. Prof.	Senior Lecturer	India	Physics	01-10-1981
3. Mr. V. Srinivasan	Asst. Prof.	Senior Lecturer	India	Physics	01-10-1981
4. Mr. V. Srinivasan	Asst. Prof.	Senior Lecturer	India	Physics	01-10-1981
5. Mr. V. Srinivasan	Asst. Prof.	Senior Lecturer	India	Physics	01-10-1981
6. Mr. N. Parthasarathy	Asst. Prof.	Senior Lecturer	India	Physics	01-10-1981
7. Mrs. S. Srinivasan	Asst. Prof.	Senior Lecturer	India	Physics	01-10-1981
8. Mr. V. Srinivasan	Asst. Prof.	Senior Lecturer	India	Physics	01-10-1981
9. Mr. V. Srinivasan	Asst. Prof.	Senior Lecturer	India	Physics	01-10-1981
10. Mr. V. Srinivasan	Asst. Prof.	Senior Lecturer	India	Physics	01-10-1981
11. Mr. V. Srinivasan	Asst. Prof.	Senior Lecturer	India	Physics	01-10-1981
12. Mr. V. Srinivasan	Asst. Prof.	Senior Lecturer	India	Physics	01-10-1981
13. Mr. V. Srinivasan	Asst. Prof.	Senior Lecturer	India	Physics	01-10-1981
14. Mr. V. Srinivasan	Asst. Prof.	Senior Lecturer	India	Physics	01-10-1981
15. Mr. V. Srinivasan	Asst. Prof.	Senior Lecturer	India	Physics	01-10-1981
16. Mr. V. Srinivasan	Asst. Prof.	Senior Lecturer	India	Physics	01-10-1981
17. Mr. V. Srinivasan	Asst. Prof.	Senior Lecturer	India	Physics	01-10-1981
18. Mr. V. Srinivasan	Asst. Prof.	Senior Lecturer	India	Physics	01-10-1981
19. Mr. V. Srinivasan	Asst. Prof.	Senior Lecturer	India	Physics	01-10-1981
20. Mr. V. Srinivasan	Asst. Prof.	Senior Lecturer	India	Physics	01-10-1981

FACULTY OF ARTS

ACADEMIC STAFF — NEW APPOINTMENTS (PERMANENT)

Name	Post	Department	Date of Appointment	Qualifications
1. Mr. N. Shanmugalingam	Assistant Lecturer in Sociology	Economics	03-02-1981	B.Ed. (Cey)
2. Miss M. Kanagaratnam	Assistant Lecturer	Hindu Civilization	20-05-1981	B.A. (Cey)
3. Mr. C. Aathavan	Assistant Lecturer	Philosophy	21-07-1981	B.A. (Cey)
4. Rev. A.X.J.V. Sandrakanthan	Assistant Lecturer in Christian Civilization	Languages & Cultural Studies	01-10-1981	M.Phil. Institute of Philosophy & Religion (Pune)
5. Mr. M. Y. M. Siddek	Asst. Lecturer	Economics	02-11-1981	B.Com. (Cey)
6. Mr. S. Sivalingarajah	Asst. Lecturer	Tamil	02-11-1981	B.A. (Cey.)
7. Miss P. Thanjaratnam	Asst. Lecturer in English	Languages & Cultural Studies	20-11-1981	B.A. Wilson College (USA)

STAFF PROMOTIONS

Name	From	To	Department	Effective Date of Promotion
1. Dr. S. K. Sitrapalain	Asst. Lecturer	Lecturer	History	23-05-1981
2. Dr. (Mrs) P. Kanthasamy	Asst. Lecturer	Lecturer	Tamil	05-06-1981
3. Mr. A. Kanapathipillai	Asst. Lecturer	Lecturer	Geography	27-10-1981
4. Mr. R. Sivachandran	Asst. Lecturer	Lecturer	Geography	22-11-1981
5. Mr. K. Kugabalan	Asst. Lecturer	Lecturer	Geography	19-08-1981
6. Mr. N. Perinpanathan	Asst. Lecturer	Lecturer	Economics	19-08-1981
7. Mr. S. Sathiyaseelan	Asst. Lecturer	Lecturer	History	19-08-1981
8. Prof. P. Chandrasegaram	Sen. Lecturer	Associate Professor	Education	17-07-1981
9. Mr. K. Sinnathamby	Asst. Lecturer	Lecturer	Education	08-05-1981
10. Dr. V. Nithyanandan	Lecturer	Sen. Lecturer	Economics	*09-05-1980

*Promotion granted on
21-08-1981

STAFF TRANSFERS

Name	Designation	Department	Date of Transfer	From	To
1. Dr. (Mrs) M. M. Arulchelvam	Senior Lecturer	Sanskrit	01-09-1981	Jaffna	Peradeniya
2. Mr. F. J. R. A. Gnanarajah	Asst. Lecturer	Education	*22-12-1980	Colombo	Jaffna

*Mr. F. J. R. A. Gnanarajah resumed duties after his probationary study leave (abroad) at the University of Jaffna with effect from 21-12-1981.

FACULTY OF ARTS

STAFF ON PROBATIONARY STUDY LEAVE

Name	Date of Commencement	Department	Degree	University/Institution
1. Mr. S. S. Rajendran	20-08-1981	Economics	M.A.	University of British Columbia, Canada
2. Mr. B. Rajeswaran	01-09-1981	Geography	Postgraduate Diploma	International Institute for Aerial Survey and Earth Sciences (ITC), Netherlands.
3. Mr. A. Thiagarajah	01-09-1981	Geography	M.A.	Wilfrid Laurier University, Canada.
4. Mr. S. Krishnarajah	14-10-1981	History	M.A.	University of Mysore, Mysore.
5. Mr. C. Kananayagam	18-08-1981	Language & Cultural Studies	M.A./Ph.D	University of British Columbia Canada

APPOINTMENT ON CONTRACT

Name	Department	Post	Period of Contract
1. Prof. W. L. Jeyasingham	Geography	Associate Professor	Extended from 01-09-1981 to 31-08-1982

FACULTY OF MEDICINE

ACADEMIC STAFF—NEW APPOINTMENTS (PERMANENT)

Name	Post	Department	Date of Appointment	Qualifications
1. Dr. S. Sriskandarvarman	Senior Lecturer	Surgery	08-01-1981	MBBS (Cey.) FRCS (Eng.)
2. Dr. (Mrs) M. Vetpillai	Lecturer	Pathology	15-04-1981	MBBS (Cey.) MRCOG (Part I)
3. Dr. T. Ganeswaran	Senior Lecturer	Psychiatry	15-05-1981	MBBS (Cey.) DPM, RCP (London.) RCS (Eng.)
4. Dr. K. Sivapalan	Lecturer	Physiology	07-09-1981	MRCP (Psych) MBBS (Cey.)
5. Prof. V. Karunanathan	Professor	Surgery	16-11-1981	MBBS (Cey.) FRCS (Eng.)
6. Dr. C. T. Ravi Rajan	Asst. Lecturer	Biochemistry	02-12-1981	BV.Sc (Cey.)

APPOINTMENTS ON SECONDMENT

Name	Department	Post	Period of Secondment
1. Dr. K. Kangesan	Surgery	Registrar	01-01-1981—01-01-1983
2. Dr. (Miss) T. Nadarajah	Medicine	Registrar	09-01-1981—09-01-1983
3. Dr. N. Sivarajah	Community Medicine	Lecturer	01-10-1981—01-10-1983

FACULTY OF MEDICINE

APPOINTMENT ON CONTRACT

Name	Department	Post	Period of Contract	University/ Institution
1. Prof. C. C. Balasubramaniam	Pathology	Professor	01-06-1981—01-06-1983	Gust Hospital Dudley West Midlands England

PROBATIONARY STUDY LEAVE

Name	Date of Com- mencement	Department	Degree	University/ Institution
1. Dr. N. Jegasothy	14-10-1981	Obstetrics and Gynaecology	MRCOG and Training in Obs. & Gyn	Gust Hospital Dudley West Midlands England
2. Dr. (Mrs.) V. M. Karunakaran	03-11-1981	Physiology	MRCP Part 1	Essex, U.K.

STAFF—PERMANENT—RESIGNATION

Name	Designation	Department	Effective Date of Resignation
1. Dr. P. Sathiyathan	Probationary Lecturer	Anatomy	April 1981

FACULTY OF SCIENCE

ACADEMIC STAFF APPOINTMENTS (PERMANENT)

Name	Post	Department	Date of Appointment	Qualification
1. Miss T. Muthiah	Asst. Lecturer	Maths & Stats	02-11-1981	B.Sc. (Cey.)
2. Mr. V. Jeyakumar	Asst. Lecturer	Maths & Stats	02-11-1981	B.Sc. (Cey.)
3. Mr. S. Ganesanandam	Asst. Lecturer	Maths & Stats.	02-11-1981	B.Sc. (Cey.)
4. Dr. (Miss) M. V. Jesudasan	Senior Lecturer	Chemistry	01-10-1981	B.Sc. (Cey.)
5. Dr. K. Jeyaseelan	Lecturer	Botany	12-06-1981	Ph.D. (Lond.) B.Sc. (Cey.)

STAFF PROMOTIONS

Name	From	To	Department	Effective Date of Promotion
1. Dr. S. Ganesalingam	Asst. Lecturer	Lecturer	Maths & Stats	26-05-1981
2. Miss T. Ponnudura	Asst. Lecturer	Lecturer	Maths & Stats	05-05-1981
3. Mr. T. Kumarasamy	Asst. Lecturer	Lecturer	Chemistry	15-06-1981
4. Dr. A. Sivapalan	Asst. Lecturer	Lecturer	Botany	18-02-1981
5. Dr. G. F. Rajendram	Lecturer	Senior Lecturer	Zoology	09-09-1981

FACULTY OF SCIENCE

PROBATIONARY STUDY LEAVE

Name	Date of Commencement	Department	Degree	University/Institution
1. Mrs. Saroja Selvanathan	01-08-1981	Maths&Stats	M.Phil leading to Ph.D.	University of Murdoch, Western Australia
2. Mr. K. Brabharan	15-08-1981	Chemistry	Ph.D	Dalhousie University Canada
3. Mr. K. Arumuganathan	24-08-1981	Botany	M.Sc.	University College of Wales U.K.
4. Mr. S. Sriskanda	10-08-1981	Zoology	Ph.D	University of South Carolina, U.S.A.

STAFF — PERMANENT — RESIGNATIONS

Name	Designation	Department	Effective Date of Resignation
1. Miss T. Ponnudurai	Lecturer	Maths & Stats	10-12-1981
2. Mr. V. Varatharajaperumal	Asst. Lecturer	Maths & Stats	01-09-1981
3. Mr. R. Shivaji	Asst. Lecturer	Maths & Stats	01-10-1981
4. Dr. V. Ramachandran	Lecturer	Physics	10-10-1981
5. Mrs. A. Thirukanesan	Asst. Lecturer	Botany	01-10-1981
6. Miss A. S. R. Miranda	Asst. Lecturer	Zoology	31-08-1981
7. Mrs. N. Thirunavukkarasu	Asst. Lecturer	Maths & Stats	02-03-1981

LIBRARY

STAFF APPOINTMENT PERMANENT

Name	Post	Department	Date of Appointment	Qualifications
1. Mrs. S. Shanmugarajah	Junior Asst. Librarian	Library	01-01-1981	B.A. (Cey)

STAFF - PERMANENT - RESIGNATION

Name	Designation	Department	Effective Date of Resignation
1. Mr. R. S. Thambiah	Acting Librarian	Library	30-09-1981
2. Mr. S. Jeevan	Junior Asst. Librarian	Library	31-10-1981

APPOINTMENTS

Name	Administrative Grade	Designation
1. Mr. S. Yohanathan	Assistant Registrar	
2. Clerical and Allied	Clerical and Allied Grades	
3. Security Staff	Security Staff	
4. Technical and Allied Grades	Technical and Allied Grades	
	Vacation of Post	05
	Dismissals	—
	Retirement	—

SUMMARY OF EMPLOYMENT - NON ACADEMIC

Grades	Cadre Provision as at 31-12-1981	Permanent as at 31-12-1981	Temporary as at 31-12-1981
1. Administrative Grades (Administration and Finance)	10	06	—
2. Clerical and Allied Grades	88	81	—
3. Security Staff			
O.I.C./Security	01		
Security Inspectors	03		
Security Guards	48		
	—		
	52	44	—
	—		
4. Technical and Allied Grades	46	41	03

NON-ACADEMIC STAFF APPOINTMENTS - MINOR GRADES

Designation	No. of Appointments made during 1981
Laboratory Attendants	03
Labourer Gr. 111	27

NON-ACADEMIC - SUMMARY OF EMPLOYMENT 1981

Designation	Cadre Provision	Casual	Appointments Made in 1981	Total Nos as at Dec. 1981	Vacation of Post	Resignation of Post
1. Roneo Operator	01	-	-	-	01	-
2. Cycle Orderly	01	-	-	01	-	-
3. Guest House Keeper	01	-	-	01	-	-
4. Driver, Grade I	02	-	-	02	-	-
5. Driver, Grade II	03	-	01	03	-	-
6. Health Attendant	02	-	-	02	-	-
7. Sanitary Labourer	10	-	01	10	01	-
8. Book Binder	02	-	-	02	-	-
9. Library Attendant	14	-	05	14	02	-
10. Groundsman	02	-	-	02	-	-
11. Carpenter	02	-	-	02	-	-
12. Mason	02	-	-	02	-	-
13. Painter/Polisher	01	-	-	-	-	-
14. Semiskilled Labourer	05	-	-	01	-	-
15. Electrician	01	-	-	01	-	-
16. Plumber	01	-	-	01	-	-
17. Pump Operator	02	-	-	02	-	-
18. Library Attendant (L.G.)	35	-	03	32	03	01
19. Labourer, Gr. III	82	-	27	76	03	-

PART III

ADMINISTRATION

The following offices continued to function in a part of the first floor of the main administration building.

- (1) Vice-Chancellor's Office
- (2) Registrar's Office
- (3) Establishments Branch
- (4) Administration Branch
- (5) Academic Branch
- (6) Student Welfare Services Branch
- (7) Examinations Branch
- (8) Finance Branch
- (9) Internal Audit Unit
- (10) Government Audit Unit

The Internal Audit Unit was established in the year under review. The ground floor of the Ramanathan Block continued to be used by the Faculty of Arts. The Ramanathan Hall on the first floor was also used for lectures.

The problem of space for expansion of the offices has been and continues to be acute with no immediate solution in sight in spite of the fact that the activities of the University and the number of staff has shown an upward trend.

The problem of residential accommodation faced by the students was, to a certain extent, solved with the completion of the Balasingham and Anandacoomaraswamy Halls of Residence, the former for the males and the latter for the female students.

BUILDINGS

The Men's Hall of Residence named Balasingham Hall was completed and the students went into occupation in January 1981. Though the work on the other building projects has been going on, the progress cannot be said to be very satisfactory.

The ground floor of the Medical Faculty building was nearing completion and a sum of Rs. 4,615,275/- was spent during the year. The work on the Chemistry and Mathematics buildings has been in progress and sums of Rs. 1,109,182/- and Rs. 706,634/- were spent on these two buildings respectively during the year.

The work on the western and northern wings of the Library building was in progress and was nearing completion. A sum of Rs. 2,997,959/- was spent on this building during the year.

Though a letter of intent was issued to the contractor in December 1981 in respect of Arts Block Stage 11—Auditorium, the project could not be commenced due to lack of funds.

The Project Monitoring Committee, a Standing Committee of the University Council, held twelve meetings during the year.

EXAMINATION AND REGISTRATION STATISTICS

Examinations Held: *Faculty of Science*

2nd Exam. in Science - 1st Term (Repeat)	- 1981
3rd Exam. in Science - 1st Term (Repeat)	- 1981
2nd Exam. in Science - 2nd Term (Repeat)	- 1981
3rd Exam. in Science - 2nd Term (Repeat)	- 1981
2nd Exam. in Science - 3rd Term (Repeat)	- 1981
3rd Exam. in Science - 3rd Term (Repeat)	- 1981
1st Exam. in Science - (Repeat) April	- 1981
1st Exam. in Science	December - 1981
2nd Exam. in Science	- 1981
3rd Exam. in Science	- 1981
Special Degree Examination in Science (Zoology)	—1980
(Mathematics & Statistics)	—1980
Special Degree Examination in Science (Chemistry)	—1980
Special Degree Examination in Science	—1981

Faculty of Arts

Examination in Foundation Course 1st Year (1st Term)	July—1981
First Examination in Arts (Repeat)	July—1981
First Examination in Arts (Repeat)	October—1981

General/Special Degree Examination in Arts Part 1	—1981
General/Special Degree Examination in Arts Part 11	—1981
Special Degree Examination in Arts Part 111—1981	
M.A.Q. Examination—1981	
Postgraduate Diploma Examination in Hindu Civilization—1981	
Postgraduate Diploma Examination in Education—1981	

Ramanathan Academy of Fine Arts

New Admission-Diploma in Music/B. Natyam / Kathakali	—1981
1st Examination in Diploma in Music/B. Natyam-Kathakali	—1981
2nd Examination in Diploma in Music/B. Natyam-Kathakali	—1981
3rd Examination in Diploma in Music/B. Natyam-Kathakali	—1981
Final Examination in Diploma in Music/B. Natyam-Kathakali	—1981

Faculty of Medicine

Second Examination for the Medical Degrees	—1981
Second Examination for the Medical Degrees (Repeat)	—1981
Third Examination for the Medical Degrees (Part 1)	—1981
Third Examination for the Medical Degrees (Part 1) (Repeat)	—1981

DEGREES AND DIPLOMAS AWARDED WITH NUMBERS

Science

B. Science (Hons)	—26
B. Science (General)	—78

Arts

Master of Arts	—05
Postgraduate Diploma in Hindu Civilization	—01
Postgraduate Diploma in Education	—37
Bachelor of Commerce	—27
Bachelor of Arts (Hons)	—41
Bachelor of Arts (General)	—67
Diploma in Music	—33
Diploma in Bharata Natyam	—04
Diploma in Kathakali	—Nil

NUMBER OF STUDENTS REGISTERED DURING THE YEAR:

Science

1st Year:

Bio-Science	53
Physical Science	68
Maths & Stats	49
	<hr/>
	170
	<hr/>

2nd Year:

Bio-Science	46
Physical Science	62
Maths & Stats	30
	<hr/>
	138
	<hr/>

3rd Year:

Bio-Science	68
Physical Science	55
Maths & Stats	55
	<hr/>
	178
	<hr/>

4th Year (Special):

Bio-Science	13
Physical Science	03
Maths & Stats	11
	<hr/>
	27
	<hr/>

Arts

First Year	213
General Part I	107
Special Part I	101
General Part II	102

Special Part II 120
 Special Part III 69

712

Commerce

First Year 73
 Second Year 78
 Third Year 71
 Fourth Year 88

310

Ramanathan Academy of Fine Arts

First Year 56
 Second Year 61
 Third Year 42
 Fourth Year 40

199

Medicine

First Year 75
 Second Year 88
 Third Year 76
 Fourth Year 55

294

New Admission

Arts 286
 R.A.F.A. 56
 Science 170
 Medicine 75

587

Appropriate Tenancy Services
 121, POINT - P. O. OF CAD
 NALLUR, JAFFNA
 No.

ACADEMIC BRANCH

REGISTRATION FOR POSTGRADUATE COURSES— STATISTICS:

	MALE	FEMALE	TOTAL
M.A.	59	25	84
Dip. in Education	24	21	45
M. Phil, in Botany	01	—	01

Subject-wise classification of the M.A. Degree is as follows:

COURSE OF STUDIES	MALE	FEMALE	TOTAL
M. A. in Education	34	12	46
M. A. in Economics	10	02	12
M. A. in Geography	09	04	13
M. A. in Tamil	02	02	04
M. A. in Philosophy	01	—	01
M. A. in Sanskrit	—	01	01
M. A. in History	02	—	02
M. A. in Hindu Civilization	01	04	05
			—
			84
			—

WELFARE SERVICES BRANCH

Hall of Residence:

Balasingham Hall (Men's Hall) — 54 Residents
Ananda Coomarasamy Hall (Women's Hall)— 54 Residents

Student Loans:

Faculty of Arts — 669
Ramanathan Academy of Fine Arts — 84
Faculty of Science — 248
Faculty of Medicine — 66
A.M.P. — 24

Student Unions and Societies:

The Student Assembly continued to function. In addition there were 16 approved Students' Societies.

Students Counsellors:

1. Prof. S. Mageswaran —Senior Student Counsellor
w.e.f.21.3.1981
2. Dr. A. Sanmugas —Student Counsellor upto 31.03.1981
3. Mr. S. Balachandran —Student Counsellor w.e.f. 01.06.1981
4. Dr. V. Pasupathy —Student Counsellor
5. Dr. S.V.Parameswaran —Student Counsellor
6. Miss E. T. Suppiah —Student Counsellor

HEALTH CENTRE

Number of patients attending Health Centre

Thirunelvely	Ramanathan Academy	Medical Faculty
5295	227	217

1. Moved into and occupied a part of the Health Centre building on 01-01-1981.
2. The number of consultations during the period 01-01-1981 to 31-12-1981 is as stated above.
3. Work has been helped a lot by the University Clinical and Paraclinical Units working as a team with the University Health Centre. The U.M.O. thanks the Clinical and Paraclinical Departments for this.
4. Most of the usual illness have been managed with the drugs available at the Health Centre. The management of some relapsing conditions as peptic ulcer, non specific colitis recurrent rhinitis and sinusitis, migraine, recurrent allergic disorders as rheumatoid disease, asthma where proper **complete** medical management is required and more than one agent used some of those which are not usually stocked, prescriptions are given so that these may be bought outside.
5. Vitamin tablets are always given where an antibacterial drug is given. For manifestations due to dietary deficiency advise is given regarding diet and the individual told that if it is not convenient to get better food to buy and take a vitamin preparation. The Health Centre is not in a financial position to supplement dietary requirement.

6. Financial provision has been made for the purchase of a Hot Air Sterilizer.

DEPARTMENT OF PHYSICAL EDUCATION

The Sportsmen and Sportswomen of the University have played an active part and won many laurels for the University in the year 1981. Competitions were held in Soccer, Volley Ball, Cricket, Net Ball, Basket Ball (Men and Women), Badminton (Men and Women) and Table Tennis (Men and Women).

In spite of the lack of sports facilities our sportsmen secured two first places in the Inter Universities Soccer and Basket Ball tournaments while the women were placed second in the Basket Ball tournament.

This year Hockey was introduced for the Sportswomen of the University and they secured third place at the Inter Universities tournament and the men's team also secured third place.

The University authorities should pay due attention to the sports activities of the University. In the forthcoming year it is therefore necessary that at least the ground in the new site should be improved for use as a playground to enable the students to practice different games simultaneously.

FINANCE:**RECURRENT GRANT AND ACTUAL INCOME AND EXPENDITURE-1981****INCOME**

	ESTIMATE	ACTUAL
Government Grant	9,550,000	9,550,000
Other Sources	250,000	285,094
Deficit	750,000	—
	<u>10,550,000</u>	<u>9,835,094</u>

EXPENDITURE:

General Administration & Staff Services	1,602,470	1,873,816
Academic Services	7,501,950	7,713,840
Student Welfare Services	405,910	418,658
Library Services	580,390	520,298
Maintenance of Land and Buildings	413,550	571,555
Ancillary Activities	45,730	27,360
	<u>10,550,000</u>	<u>11,125,527</u>

CAPITAL GRANT EXPENDITURE:

CONSTRUCTION AND PERMANENT IMPROVEMENTS	EQUIPMENT, FURNITURE BOOKS ETC.	TOTAL
---	---------------------------------------	-------

Grant Received	8,500,000	2,400,000	10,900,000
Spent During the year	10,100,815	5,030,414	15,131,229

INCOME AND EXPENDITURE ACCOUNTS

FOR THE YEAR ENDED 31ST DECEMBER, 1981

PREVIOUS YEAR	I.	INCOME	
8,300,000.00	01	Government Grant for Recurrent Expenditure	9,550,000.00
	02	Interest from Investments	—
45,644.59	03	Interest from Loans	45,712.18
7,777.00	04	Rent from Properties	15,599.50
1,067.75	05	Sale of Old Stores	133.00
2,935.00	06	Sale of Produce	141.00
	07	Reimbursements	—
29,851.47	08	Miscellaneous Receipts	17,335.07
	09	Registration Fees (Undergraduate)	75,475.00
40,865.00	10	Registration Fees (Postgraduate)	8,920.00
120.00	11	Tuition Fees (Undergraduate)	1,205.00
2,070.00	12	Tuition Fees (Postgraduate)	28,170.00
380.00	13	Examination Fees (Undergraduate)	25,682.50
12,712.00	14	Examination Fees (Postgraduate)	15,975.00
2,310.00	15	Sale of Publication	—
868.25	16	Library Fine	599.30
175.35	17	Medical Fees	25,570.00
13,660.00	18	Hire of Plant & Equipment	2,800.00
3,550.00	19	Proceeds from Ancillary Activities	
	20	Income from Advance—Account and Other Activities	21,776.00
8,463,986.41		TOTAL INCOME	9,835,093.55

	02 DEDUCT EXPENDITURE	
1,675,286.76	01 General Administration & Staff Services (Schedule 2)	1,873,815.83
5,891,060.23	02 Academic Services (Schedule 3)	7,713,839.52
351,759.26	03 Welfare Services	418,658.92
464,715.09	04 Maintenance of Lands, Buildings & Other Facilities (Schedule 5)	571,553.96
	05 Research & Publication (Schedule 6)	
	06 Postgraduate Studies	
	07 External Examinations (Schedule 7)	
8,131.51	08 Ancillary Activities (Schedule 8)	27,360.87
	09 Library Services	520,298.26
	10 Advance Account & Other Activities	
<u>8,390,952.85</u>	Total Expenditure	<u>11,125,527.36</u>
	Excess of Expenditure over Income Carried forward	<u>(1,290,433.81)</u>
<u>73,033.56</u>	Excess of Income over Expenditure	

INCOME / EXPENDITURE APPROPRIATION ACCOUNT

73,033.56	Excess of Income Over Expenditure (Surplus)	
	Excess of Expenditure Over Income (Deficit)	(1,290,433.81)

1,438,582.42	Balance b/d. from Previous Year.	
	Add-Income in respect of past Year (Schedule 9)	965,715.62
<u>1,511,615.98</u>		<u>(324,718.19)</u>
	Other Adjustments—	
	Credits (Schedule 10)	
95,899.29	Less-Payments in respect of past Year (Schedule 11)	199,459.17
	Write-Offs and other adjustments (Debits) (Schedule 12)	
450,001.07	Capital Expenditure from Income and General Reserve (Schedule 13)	
<u>965,715.62</u>	Balance c/d. Balance Sheet	<u>(524,177.36)</u>

Certified Correct
 (Accounting Officer) Bursar/Treasurer
 Vice-Chancellor

Balance at end
 of previous year

			Rs. cts
	I. CAPITAL		
35,752,095.06	(a) Capital Grant Spent	58,713,324.43	
6,135,317.76	(b) Unspent Capital Grant (Schedule A)	1,904,089.25	
1,683,735.91	(c) Contribution to Capital outlay from Income and General Reserves	1,683,735.91	
	(d) Capital Advance Account & Other Activities	—	
<u>43,571,148.73</u>			<u>62,301,149.59</u>

2. RESERVES		
1,305,833.54	(a) Specific Reserves (Schedule B)	1,330,583.54
965,715.62	(b) General Reserve of the Institution	
	(c) General Reserve of other activities	112,671.65
		<u>1,443,255.19</u>
	Less:	
	Losses or Deficits	<u>524,177.36</u>
<u>2,271,549.16</u>		919,077.83

3. RESTRICTED FUNDS		
127,069.00	(a) Endowment Fund (Schedule C)	1,136,949.00
500.00	(b) Special Grants (Schedule D)	500.00
46,224.42	(c) Research Grants (Schedule E)	43,970.58
32,287.00	(d) Gifts & Donations (Schedule F)	32,287.00
—	(e) Others (Schedule G)	—
		<u>1,213,706.58</u>

206,080.42

**4. CAPITAL RECEIPTS
(Schedule H)**

**5. REVALUATION RESERVE
ACCOUNT (Schedule I)**

46,048,778.31

64,433,934.00

REPRESENTED BY

6. FIXED ASSETS

20,080,146.11	(a) Lands & Buildings	37,925,456.66
1,260,773.39	(b) Office Furniture & Equipment	1,496,687.27

9,527,721.72	(c) Lab & Teaching Equipment	12,744,226.06
1,096,108.46	(d) Furniture & Fittings	1,352,801.56
2,884,762.22	(e) Library Books & Periodicals	3,946,953.60
120,853.15	(f) Furniture & Equipment-Hostels	120,853.15
478,582.91	(g) Motor Vehicles	458,582.91
220,657.00	(h) Cloaks	220,657.00
25,000.00	(i) Water Supply Scheme	39,505.50
409,135.00	(j) Electricity Supply Scheme	500,135.00
—	(k) Telephone Exchange	916,043.19
116,494.72	(l) Plant & Machinery	116,494.72
1,215,596.19	(m) Others	558,663.72
<hr/>		<hr/>
37,435,830.97		60,397,060.34

7. INVESTMENTS

127,069.00	(a) Endowment Fund	1,106,649.00
5,000.00	(b) Security Deposit (Schedule J)	8,500.00
	(c) Special Grants	
	(d) Research Grants	
	(e) General Reserves	
	(f) Other	
<hr/>		<hr/>
132,069.00		1,115,149.00

8. CURRENT ASSETS

143,665.32	(a) Stores Advance (Schedule K)	120,273.61
------------	---------------------------------	------------

32,287.00	(b) Sundry Debtors (Schedule L)	66,940.00
548,254.37	(c) Loans & Advances (Staff) (Schedule M)	655,369.53
9,784.50	(d) Loans & Advances (Students) (Schedule N)	6,949.50
9,050.00	(e) Advances for Sup- plies & Services (Schedule O)	11,550.00
6,721.45	(f) Miscellaneous Advances (Schedule P)	4,086.50
	(g) Money Due from other University Institutions & Institutes	
4,395,846.13	(h) Treasury Deposit	1,995,846.13
	(i) Cheque returned by Bank	
	(j) Pre-payments (Schedule S)	
	(k) Suspense Account (Schedule T)	
3,921,926.05	(l) Cash Book Balance	552,914.97
9,600.00	(m) Petty Cash Imprest	9,788.87
—	(n) Other	
		<u>3,423,719.11</u>
<u>9,077,134.82</u>		<u>64,935,928.45</u>

**9 LESS CURRENT
LIABILITIES**

134,387.19	(a) Deposits (Schedule U)	134,548.85
1,058.69	(b) Sundry Creditors (Schedule V)	7,440.21
378,532.58	(c) Outstanding Ex- penses (Schedule W)	196,436.37

	(d) Outstanding Wages (Schedule X)		
	(e) Cancelled Cheques (Schedule Y)		
	(f) Provident Fund		
	(g) Other Inter University Loan Account		
82,278.02	(Schedule Z)	103,569.02	
	(h) Dep. on Compans- ation	60,000.00	501,994.45
<hr/>		<hr/>	
596,256.48			
<hr/>		<hr/>	
46,048,778.31			64,433,934.00
<hr/>		<hr/>	

Certified Correct
 (Accounting Officer)
 Vice-Chancellor

Bursar

ENDOWMENTS

The University received the following Endowments during the year.

1. The Kamaladevi Vithiananthan award endowed for Rs.5,000/- by Prof. S. Vithiananthan to be awarded for the best performance in Tamil at the Final Examination.
2. Kanthavanam Kanagarayar Sangarapillai and Sivakamasundari Endowment for Rs. 5,000/- to the student performing best in the papers on Sri Lankan History at the Examination for the Special Degree in History.
3. The Maharajah Trust endowed four scholarships of Rs. 12,000/- each and entrusted to the Hindu Educational Society as follows:
 - (a) Sinnathamby Rajendram Scholarship—To the best student admitted to the Faculty of Medicine.
 - (b) Subramaniam Mahadevan Award—To the best student in the 2nd MBBS examination.
 - (c) Sellammah Rajendram Scholarship—To the best student in the 1st year in Arts Examination who follows Special Degree Course in Tamil.
 - (d) Nagulambikai Mahadevan Scholarship—To the best student in the 1st year Arts Examination who follows Special Degree Course in Hindu Civilization.
4. The Saiva Mangaiyar Sabai endowed Rs. 25,000/- each for
 - (a) Lady Ramanathan Memorial Lecture
 - (b) to a deserving student in Special Arts Degree in Hindu Civilization who wishes to pursue postgraduate studies leading to a M.A. Course.
5. The Edmund J. Cooray Memorial Scholarship in Chemistry endowed for Rs. 20,000/- to the best student selected to read for a Special Degree in Chemistry.
6. The Thillaiampalam and Kanagasabai Endowment for Rs. 100,000/- for promoting research and purchase of equipment in the Faculty of Medicine
7. The Lee Foundation of Singapore awarded a sum of Rs. 741,970/- for the establishment of the Lee Kong Chian Chair of Orthopaedic Surgery.

FACULTY OF ARTS

GENERAL

In 1981, 286 students were admitted to the Faculty of Arts. Of this number 213 were for the Arts Course while 73 were for the Bachelor Degree in Commerce. 56 students were admitted to follow courses in Music and Dance at the Ramanathan Academy of Fine Arts.

During the year under review the Faculty continued to expand its postgraduate studies programme. The Departments of History, Hindu Civilization, Economics, Geography, Sanskrit, Tamil, Education and Philosophy have students working for postgraduate degrees. One issue of the Faculty Journal, *The Sri Lanka Journal of South Asian Studies*, was brought out during the year and several seminars were conducted under the auspices of the South Asian Studies Seminar.

The Faculty continued to face problems arising from inadequate building space both for staff use and lectures. No progress was made with regard to second stage of the Arts Block project.

DEPARTMENT OF ECONOMICS

General

The Department of Economics provides courses to a very substantial number of students in the Faculty of Arts at the General and Special degree levels in Economics, Commerce, Political Science and Sociology.

The student numbers in relation to the different courses had increased notably during the year under review. The Commerce courses still continue to dominate the special degree curriculum in the Department. In view of this there is now a strong case for an establishment of a separate Department of Commerce.

Research: (on-going)

Mr. N. Balakrishnan

1. Production and Exchange Relations in Chillies and Onion Cultivation Pathaimany Village (collaborative project) undertaken for the Social Scientists Association, Colombo (1981)

2. Land Settlement and Demographic Pattern in the Eastern and Northern provinces (collaborative project) undertaken for the Theepam Institute Ltd., Jaffna (1981).

Dr. V. Nithiyanandan

1. A Conceptual Approach to the Development of Plantations in Sri Lanka.
2. Pattern of Employment among Tamils in the Sri Lanka Sector, undertaken for the Theepam Institute Ltd., Jaffna.

The following probationary Assistant Lecturers had been engaged in Research for M.A. Programme:

1. **Mr. K. Thevarajah:** —“Personnel Management in Public Corporations in Sri Lanka”
2. **Mr. M. Thirthavelu:** —“The Role of Foreign Aid in the Economic Development of Sri Lanka.”
3. **Mr. M. Nadarajasundaram** —“Role of National Savings Bank in Mobilizing Savings in Sri Lanka.”
4. **Mr. M. M. Anthonymuttu:** —“The Impact of Oil Prices on Sri Lankan Economy.”

PUBLICATIONS:

Mr. N. Balakrishnan

1. “Development Councils, Regional Development and the Tamil United Liberation Front”—Seminar Paper, Social Scientists Association, Colombo, March 1981.

Dr. V. Nithiyanandan

1. Economic Aspects of Tamil Nationalism (submitted to the Social Scientists' Association of Sri Lanka for the Seminar on Tamil Nationality Question in March 1981).
2. The Impact of Economic, Social and Cultural Factors on Population Growth with special reference to the Jaffna District. (Submitted to the Seminar on Population and Development sponsored by the Department of Information in collaboration with the Family Planning Bureau in November, 1981)

3. Problems of Marketing at Village Level (Seminar Paper)
Submitted to the Seminar on Community Development sponsored
by the Sri Lanka Foundation Institute July 1981.

SOCIAL, WELFARE AND OTHER ACTIVITIES:

Mr. N. Balakrishnan

Editor, Sri Lanka Journal of South Asian Studies, University of
Jaffna.

Member, Standing Committee on Humanities and Social Sciences,
University Grants Commission.

Secretary, University of Jaffna Teachers' Association.

Dr. V. Nithyanandan

President, Senior Common Room, University of Jaffna.

President, University of Jaffna Teachers' Association.

Mr. N. Perinpanathan

Treasurer, Senior Common Room, University of Jaffna.

Mr. M. Thirthavelu

Senior Treasurer, Marumalarchchy Kalakam, University of Jaffna.

Mr. V. P. Sivanathan

Senior Treasurer, Students' Council, University of Jaffna.

Senior Treasurer, University of Jaffna Film Society.

Mr. M. M. Anthony muttu

Student Counsellor, University of Jaffna.

DEPARTMENT OF EDUCATION

The Department of Education at this University came into existence on 15th October, 1980, when most of the Tamil medium teachers of the Faculty of Education in Colombo were transferred to the University of Jaffna. Mr. P. Chandrasegaram, Senior Lecturer, was appointed Head of the Department. The Postgraduate Diploma in Education course was organised for the Academic year 1980-81 and 40 students were enrolled for this programme, and 39 students were enrolled for the M.A. in Education course in 1981. This impressive intake for the Masters' Course reflected a long felt need that was not met by a Department of Education at this University. It was the willing cooperation and contribution of the staff and the support of the University authorities that made it possible to carry through this tremendous task.

The Department also participated in and contributed to programmes organised outside the University by the Ootru Organization, Adult Education branch of the Department of Education and the All Ceylon Union of Tamil Teachers. An Education Society was inaugurated comprising students and staff of this Department. This society arranged seminar discussions, undertook the publication of a Journal, as well as the reception of and assistance to new students admitted to the Postgraduate Diploma in Education and M.A. in Education Courses.

Mr. P. Chandrasegaram was promoted to the grade of Associate Professor during the year.

Prof. P. Chandrasegaram:

He presented papers at the seminars organized by the University Education Society, Ootru Organization and the All Ceylon Tamil Teachers Union on the **White Paper on Education**. He also served as a member of the Religious Education Committee constituted by the Ministry of Education.

Publications:

1. **Contribution to educational thought and practice by the Ramakrishna Mission (1897-1966)**, Jaffna January 1981.
2. **Critique on White Paper Proposals on Education**, Jaffna April 1981 (Tamil).

Dr. T. Velayutham:

- (a) Obtained degree of Ph.D. from La Trobe University, Australia, this year.
- (b) Invited to attend, and a paper entitled "Institutional Responses to Educational reforms" was accepted for presentation at the International Intervisitation Programme on Educational Administration held at the University of Ibadan.
- (c) Contributed seminar papers to seminars organized by the Education society, Department of Education, Ootru Organization Sri Lanka Association for Educational Administration, Adult Education branch of the Ministry of Education, and All Ceylon Union of Tamil Teachers.

RESEARCH AND PUBLICATIONS:

1. "Projected issues in the practice of Educational Administrations: The Sri Lankan Context" in (Eds) R. H. Farguhar and I. E. Hous-ego. **Canadian and Comparative Educational Administration Centre for continuing Education, The University of British Columbia 1980 Membership and Professional Participation:**

1. Vice-President, Sri Lanka Association for Educational Administration.
2. Editor—Kalvi—Tamil Journal of the National Education Society of Sri Lanka.
3. National Research Associate for an International Research Project—"Headship in Comparative Perspective" sponsored by the Division of Educational Administration, Lindquist Center, University of Iowa, U.S.A.
4. Member—Syllabus Review Committee of the Open University of Sri Lanka.
5. Founder member—Commonwealth Council for Educational Administration.

Mr. V. Arumugam

Presented seminar papers at the seminars organized by the N.P.T.A., N.P.P.A., Y.M.H.A. (Point Pedro) National Youth Council, Education Society, Ootru Organization, Adult Education Branch of Education Department and Vaddukoddai Hindu College.

OTHER ACTIVITIES:

1. Editorial work of the Tamil translation of the UNESCO publication "The child and his development from Birth to six years old"—For the Sri Lanka school of social work. (Ministry of Social Services)
2. Member of the General Council, Theepam Institute (Research Organization). Jaffna.
3. Member of the Books (selection committee), Jaffna Municipal Council.
4. Member of the Editorial Board for 'Cintanai'—Faculty Journal.

Mr. K. Sinnathamby

Mr. K. Sinnathamby was promoted as a Lecturer as from 7th May 1981.

He has presented seminar papers at seminars organized by the Education society, Ootru organization, Adult Education Branch of the Department of Education and All Ceylon Union of Teachers.

Membership and other activities

Committee member of the Field Work Centre, Thondaimanaru.

DEPARTMENT OF GEOGRAPHY

GENERAL

The enrollment of students in the department in 1981 stood as First Year (96) BA General Part I (24), BA General Part II (27) BA Special Part I (28), BA Special Part II (31), BA Special Part III (18), MA. (20) out of the above number thirteen candidates sat for the M.A. Examination in December, 1982, Ph.D. (2)

STAFF

Prof. P. Balasundarampillai who joined as Professor of Geography from 1st of September 1980 was appointed as Head of the Department from 01-01-1981. Mr. B. Rajeswaran had gone to the Institute for Aerial Survey and Earth science Enschede, Netherlands on a eleven months scholarship to follow a course in "Aerial photo interpretation and other remote sensing techniques". Mr. A. Thiagarajah left for the Wilfrid Laurier University, Canada in October to follow a Masters Course in Geography in the field of Industrial Geography. Mr. K. M. Puvaneswaran returned to Sri Lanka in May and resumed duties in November 1981. During 1981 the department received a stereopret photo interpretation equipment and Photostat machine.

The department continued to encourage research especially on problem relating to the development of the Dry Zone. The analysis of data on the socio-economic conditions of the Thenmaradchy area progressed satisfactorily. The department organized a joint seminar with Sri Lanka Foundation Institute on Strategies on Rural Community Development with Special reference to Sri Lanka, at Thondaimannaru in April 1981.

Research

Prof. P. Balasundarampillai:

Human settlements and the Hydrological base in the Islands North West of the Jaffna Peninsula, paper read at IGU working groups on Tropical Climatology and Human settlements and the International Hydrological Programme, Peradeniya July 1981.

Prof. W. L. Jeyasingham:

Inter relationship between climate and agricultural land use patterns in the Dry Zone areas of Sri Lanka, paper presented at IGU working group on Tropical Climatology and Human settlements and the International Hydrological Programme, Peradeniya July 1981.

Mr. K. Kugabalan:

"Population dynamics of the Jaffna District" M.A. Thesis, University of Jaffna (1981).

Mr. R. Sivachandran:

"Agricultural Land use in the Wannu Region" M.A. Thesis, University of Jaffna—1981.

Mr. A. Kanapathypillai:

"Agricultural productivity and size of Land holdings in the selected colonization schemes in the Dry Zone of Sri Lanka"—M.A. Thesis, University of Jaffna—1981.

Mr. K. M. Puvaneswaran:

"A Human Climatic classification of Sri Lanka using cloth model" paper presented at IGU working group on incidence of infections and chronic diseases—Geographical perspectives—Madras—December 1981.

DEPARTMENT OF HINDU CIVILIZATION

The Department conducts courses in Hindu Civilization leading to the General, Special and Postgraduate degrees.

The Head of the Department was assisted during the early part of the year under review by five probationary Assistant Lecturers. On 20-05-1981 Miss M. Kanagaratnam was appointed probationary Assistant Lecturer. The appointment of Mrs. C. Vamadeva as Lecturer was made on 27-11-1981.

Mr. V. Sivasamy, Head of the Department of Sanskrit, and Dr. S. K. Sitrapalam of the Department of History provided lectures to the students following General and Special Courses in the Department.

Mrs. C. Vamadeva, Mrs. K. Ramanathan and Mrs. G. Kulendran provided lectures to the students of the Ramanathan Academy of Fine Arts on various aspects of Hindu Culture.

Several seminars were organized by Miss M. Kanagaratnam on behalf of the Department.

Guidance was provided to Postgraduate students preparing for the M.A. and Ph.D. Degrees.

Prof. K. Kailasanatha Kurukkal, Mr. P. Gopalakrishnan, Mrs. C. Vamadeva, Mrs. K. Ramanathan, Mrs. G. Kulendran, Mrs. N. Selvanayagam and Miss M. Kanagaratnam participated in the seminars for G.C.E. (A/L) students, organized by the Resource Centres for learning and development in various places in the Jaffna Districts.

Prof. K. Kailasanatha Kurukkal continued to function as the Head of the R.A.F.A.

DEPARTMENT OF HISTORY

GENERAL

The staff position in the department remained the same as in 1980 with no new appointments to the permanent cadre. We had in the year under review one professor, 3 lecturers and three assistant lecturers. The three temporary tutors appointed in 1980 continued till the end of the academic year in 1981. During the year Dr. S. K. Sitrapalam was promoted to the grade of lecturer having been awarded the Ph.D. in Archaeology by the University of Poona. Mr. S. Sathiyaseelan was also promoted to the grade of lecturer having obtained the M.A. Degree in the University of Jaffna. Mr. S. Krishnarajah went on probationary study leave to the University of Mysore.

Teaching and Research:

The Department of History is constituted of staff qualified and working in three broad areas of specialisation. These are Archaeology, Ancient and Medieval History and Modern History. The teaching program in the department provides students options in these three areas. The number of students in the Department are by no means large. But the department is committed to providing these options. As a result the teachers in the respective fields have substantial teaching work. In addition the Compendious Course for the First in Arts is organised and directed by Professor K. Indrapala with some teachers in the department taking a fair share of the lectures in this course.

In spite of the teaching load members of the department have been actively engaged in research. Research and publications relating to the Anaikoddai excavations in December 1980 continued. Two seminars, one on the "Recent Archaeological Excavations at Anaikoddai" and the other on "The Anaikoddai Seal" were held under the auspices of the South Asia Studies Seminar in the University of Jaffna. The Embassy of the Federal German Republic organized a seminar at the Sri Lanka Foundation Institute at which the following subject was discussed: "Anaikoddai Excavations and its bearings on the Pre and Proto History of the Northern Region of Sri Lanka". Prof. K. Indrapala, Dr. S. K. Sitrapalam and Mr. P. Ragupathy were the leading participants at these seminars. Articles on the Anaikoddai Excavations by these three members of the department appeared in several newspapers including the *Madras Hindu*.

Prof K. Indrapala and Mr. S. Kadirgamar were delegates to the Fifth International Conference on Tamil Studies held at the Madurai Kamaraj University, South India, in January 1980. Prof. Indrapala submitted a paper on "Buddhism among the Tamils, C. 1000—1500" and Mr. Kadirgamar submitted a paper on "Gandhian Nationalism and the Jaffna Tamils". Papers were read at two full day seminars organized by student organisations in the Campus. The first was on "Sri Lanka's Educational System and the Tamil—Speaking Students". Prof. Indrapala

read a paper on "The Tamil Speaking students in Historical perspective" and Mr. Kadirgamar read a paper on "Tamil-Speaking Students and their impact on political Changes".. The second seminar was on "Fifty Years of Universal Adult Franchise".

OTHER ACTIVITIES:

Members of the staff have participated at several seminars such as those organised by 'Marga' and the Sri Lanka Foundation in Colombo and in Jaffna and have been called upon to deliver lectures to several societies and organizations in Jaffna. Such participation especially in Jaffna has helped the University teacher to reach out to the community and the community to have a better understanding and personal contact with members of the University. Mr. Kadirgamar participated as one of three delegates from Sri Lanka who were invited to a consultation on Human Rights on the theme "Peoples and Structures of Domination" under the auspices of the Christian Conference of Asia and held in Kuala Lumpur, Malaysia in February 1981.

Prof. Indrapala as one of the joint Secretaries of the South Asia Studies Seminar continued with his invaluable work in organising a series of seminars in the year under review.

DEPARTMENT OF LANGUAGES AND CULTURAL STUDIES

The Department of Languages and Cultural Studies consisting of units for teaching Basic English, English Literature, Arabic and Islamic Civilization and Christian Civilization continued to function under the supervision of the Dean of the Faculty of Arts as in the previous year. It is hoped that as time goes these units will develop into separate Departments.

BASIC ENGLISH UNIT

Basic English, a compulsory subject in the Faculty of Arts up to Part II of the General and Special Degree courses except to those who offer English literature as a subject was conducted during the period under review by 5 permanent instructors and 9 visiting instructors. An advanced course in Basic English (optional) was organized for students who showed high proficiency in English in their First in Arts Examination.

An intensive course in Basic English was conducted for the new entrants (286 Arts students, 100 science students and 75 medical students) in October and November 1981. The services of an additional 16 instructors were obtained on contract to conduct this intensive course.

Prior to conducting this intensive course a seminar on teaching Basic English was organized by the Asia Foundation in June 1981 in order to orient the instructors in different aspects of English language teaching. All the instructors attended this seminar, which took place in our Campus. Representatives of the Asia Foundation and the British Council, Miss Carla Grissman, Mr. John Hilton, Mr. Stephen Bradley and Mr. Kenneth de Lanerolle guided the seminar and subsequently the intensive course in one way or another. Also some of our instructors attended a seminar on teaching of English conducted by the British Council. The Asia Foundation and the American Centre were good enough to supply the core texts and the supplementary readers to our students in the intensive course.

One of our senior instructors Mr. S. G. Sivagurunathan represented our Basic English unit in the discussions of the committee of the Heads of the English (Language teaching) Departments in the Sri Lanka Universities on English teaching programmes.

Basic French is taught compulsorily as a substitute for Basic English to those students who offer English literature as a subject. We were able to obtain books and guides from the French Embassy Colombo. The course in Basic French was conducted by a visiting lecturer.

English Literature Unit

English literature is offered as a subject for the First in Arts Examination and for the General Degree in Arts Examination. There is no provision yet to offer it for a Special Degree. Generally English literature does not attract many students. However in 1981 the number of students offering English literature had relatively increased. Altogether there were 16 students.

Mr. C. Kanaganayagam probationary Assistant Lecturer in English (literature) obtained a scholarship to pursue higher studies in Canada. Miss P. Thanjaratnam joined the unit as a probationary Assistant Lecturer. The services of three visiting lecturers too were obtained to conduct courses in English Literature.

ARABIC AND ISLAMIC CIVILIZATION UNIT

Arabic and Islamic Civilization were taught as subjects for the First in Arts Examination and the General Degree in Arts Examination. Facilities were inadequate to provide a Special Degree course in these subjects although students were keen to specialise in them.

CHRISTIAN CIVILIZATION UNIT

The number of students offering Christian Civilization increased at the General Degree level during this year and there was a demand from the students for a special degree course in this subject. In early October 1981 a Committee consisting of Prof. K. Kailasapathy, Prof. K. Indrapala, Prof. K. Kailasanatha Kurukkal, Mr. Seelan Kadirgamar and Rev. A. J. V. Chandrakanthan was appointed by the Faculty to prepare the syllabus for the special degree course. When the special degree course was started four students opted for it. Since Rev. A. J. V. Chandrakanthan was the only permanent member on the staff for teaching Christian Civilization, the services of a few visiting lecturers too were obtained.

DEPARTMENT OF PHILOSOPHY

The Department has planned its teaching programme with greater emphasis on indigenous thought, in particular, the thought content available in the Tamil classics. A Special Degree course was begun and this batch is due to begin the Study of the *Thirukkural*, *Manimekalai*, the *Bhagavad Gita* and the *Sivajnanapadiam*. They are also due to offer a Special Paper on Saiva Siddhantam.

Research and Other Activities

Dr. V. Ramakrishnan

- (1) Completed the exposition of technical terms in the *Sirappuppayiram* of the *Sivajnanapadiam* in collaboration with Pandit M. Kandiah of Erlalai (Tamil and English).

(11) Translated sections of W. T. Stace's 'A Critical History of Greek Philosophy' into Tamil.

(111) Attended the Hindu Christian dialogue at Rajpur, India on the Invitation of the World Council of Churches. Also visited the Department of Philosophy at the Universities in Jaipur, Jabalpur and Madras.

(iv) Examiner-Ph.D. Thesis of the University of Madras.

(v) Read a paper on 'Karma' at the World Hindu Conference at Colombo.

(vi) Discussion at the Seminar on the 'Philosopher and Human Community' held at the Sri Lanka Foundation Institute.

(vii) Read a paper on the 'Physical Quality of Life' at the Sri Lanka Association for the Advancement of Science.

(viii) Read a paper (Saiva-Buddist dialogue) at the Evelyn Rutnam Institute, Jaffna.

(ix) Read a paper at the New York University—SIECUS—colloquium of Human Sexuality (Faculty of Medicine, University of Peradeniya).

Mr. S. Krishnarajah

His supervisor at the University of Moscow has sent a fair report of his progress as a Ph.D. student.

Mr. Mohamed Anas

He sat for the written papers of the M.A. Examination held last December.

DEPARTMENT OF FINE ARTS

The Department of Fine Arts continued to provide courses in Karnataka Music, Bharata Natya and Kathakali leading to a Diploma at the Ramanathan Academy of Fine Arts during 1981. There was no change in the position of the staff during the year.

Beginning from the academic year 1981/82 a revised scheme of examination came into effect and a paper on the History of South Asian Art was introduced for the second and third years and another paper on Tamil was introduced for the first year.

Fifty-six students were admitted for the Diploma courses in Vocal Music, Instrumental Music and Bharata Natya in October 1981. No admissions were made for the Kathakali course as the Academy lacked adequate facilities and staff for this course. The total number of students at the Academy stood at 199 in 1981.

DEPARTMENT OF SANSKRIT

GENERAL

This Department continues to provide General, Special and Post-graduate courses in Sanskrit. Dr. K. Kailasanathakurukkal, Professor and Head of the Department of Hindu Civilization, continues to help the Department of Sanskrit in a very significant way in the Special Degree and the M.A. Courses.

Sanskrit is also continued to be taught as a subsidiary or qualifying subject for the students following the Special Degree course and the Postgraduate Diploma course in Hindu Civilization and the Diploma courses in Bharata Natyam and Carnatic Music.

Mr. V. Sivasamy, Senior Lecturer and Head of the Department of Sanskrit continued to take lectures on Hindu Civilization and South Asian History.

Publications of Mr. V. Sivasamy

A comparative study of the' sanskrit and Tamil Natya Texts with special reference to the Mudras or Hand gestures—A paper read at the fifth International Conference Seminar on Tamil Studies held in Madurai, January 1981.

DEPARTMENT OF TAMIL

GENERAL

The Department of Tamil was able to improve the courses in Linguistics with the help of lecturers in Linguistics who came to the University of Jaffna on transfer from the University of Kelaniya. Dr. (Mrs.) P. Kandasamy who went to Monash University, Australia from Kelaniya to do her postgraduate work joined the Department of Tamil, University of Jaffna after obtaining a doctorate in Linguistics from Monash. She was confirmed in her post as Lecturer. Mrs. R. Kailainathan who had obtained the Master's

degree in Linguistics from the University of Kelaniya resigned from her position immediately after joining the Department of Tamil, University of Jaffna on transfer. She decided to join her husband in Nigeria. Mr. S. Sivalingarajah an alumnus of ours was appointed probationary Assistant Lecturer in Tamil. Mr. M. A. M. Nuhuman, probationary Assistant Lecturer in Tamil submitted his thesis for the Master's Degree.

Most of the members of the staff in the Department of Tamil attended the International conference Seminar of Tamil Studies held at Madurai, India in January 1981 and presented papers.

The fortnightly seminars run by the Department were organised by one of the Lecturers, Mrs. Y. Ganeshalingam. Members of the staff, Postgraduate students and Special Degree students in the final year read papers. Out-siders, for instance the Tamil Language teachers in schools, too, were invited for these Seminars, depending on the relevance of the paper.

Research and Publications

A number of postgraduate students worked on different topics, mostly pertaining to Sri Lanka's contribution to different aspects of Tamil studies.

The following are the publications of the members of the staff in the year 1981.

Prof. K. Kailasapathy

1. "The relation of Tamil and Western Literatures", Madurai University Decennium Endowment Lectures in English for the year 1980—1981, Madurai Kamaraj University, September 1981.
2. **Iru Mahakavikal** (two Major Poets), 5th revised edition, July 1981.
3. "The Concept of Fate in Early Tamil Literature" proceedings of V IATR Conference—Madurai 1981.

Prof. K. Sivathamby:

A. Books and Monographs:

1. Tamil Film as medium of political communication—New Century Book House, Madras.
2. Drama in Ancient Tamil Society—New Century Book House, Madras.

B. Research Papers:

3. தற்காலத் தமிழிலக்கியத்தில் வறுமையும் சாதியும்

Key note paper, symposium on the subject—Christian Literature Society Madras, January 1981.

4. தமிழிலக்கியத்தில் மானுடம்

தனிநாயக அடிகளார் நினைவு மலர்.

— மக்கள் குரல் வெளியீடு, யாழ்ப்பாணம்

தை, 1981

5. சமுத்திர கத்தோலிக்க தமிழிலக்கியப் பாரம்பரியம்.

சுவாமி ஞானப்பிரகாசர் சிந்தனையும் பணியும்,

வைகாசி, 1981

6. சமுத்துக் தமிழ்க்கவிதைப் பாரம்பரியம்.

தமிழ்த்துறைக் கருத்தரங்கு

கார்த்திகை, 1981

Dr. S. Suseendirarajah:

1. "Some Aspects of the Verb System in Jaffna Tamil", *International Journal of Dravidian Linguistics*, Vol. X. No. 2, June 1981 (in collaboration with James W. Gair, Cornell University, U.S.)

2. "Impact of Tamil and Malayalam on Sinhala Language", contribution to the *Dravidian Encyclopaedia*, International Association of Dravidian Linguistics, Kerala.

3. "Status of Dravidian Languages in Sri Lanka", contribution to the *Dravidian Encyclopaedia*, International Association of Dravidian Linguistics, Kerala.

4. "Concept of Idiom in Tamil", Paper presented in one of the fortnightly Seminar of the Department of Tamil, University of Jaffna (through Tamil).

Mrs. K. Chinaiyah:

"Sri Lankan contribution to the Grammatical Tradition of Tamil" paper presented to the International Conference—Seminar on Tamil Studies, Madurai, 1981.

Mrs. Y. Ganeshalingam

1. திரு. வி. கல்யாணசுந்தர முதலியாரது சிந்தனை வளர்ச்சியில் மேலேப் புலோலி நா. கடுரைவேற்பின்மீயின் தரக்கம்.
ஐந்தாவது உலகத் தமிழாராய்ச்சி மகாநாடு, மதுரை 1981.

Mr. M. A. M. Nuhuman

1. "இலங்கைத் தமிழ் நாவல்களின் மொழி"
அல் — அக்ஸா வெள்ளிவிழா மலர், புத்தளம், 1981
2. "தமிழ் நாவலும் புனைகதை மொழியும்" நுட்பம் மொறட்டுவைப் பல்கலைக்கழக வெளியீடு, 1981.

Mr. N. Subramaniam:

1. "தமிழ் யாப்பிலக்கண மரடில் ஓசை" — ஐந்தாவது அனைத்துலகத் தமிழாராய்ச்சி மன்ற ஆய்வரங்கு, மதுரை — 1981.
2. "வரலாற்று நோக்கில் தமிழ்ச் செய்யுளிலக்கண நூல்கள்"
தனிநாயக அடிகளார் நினைவு மலர், மதுரை, 10-01-1981.

DEPARTMENT OF SINHALA

Professor Sucharita Gamlath, who was originally appointed Professor of Sinhala at the Jaffna Campus in 1975 and later transferred to the Ruhuna University College, was transferred back to the University of Jaffna. But he protested against the transfer on the grounds that he had no work commensurate with his position and qualifications at the University of Jaffna and kept away from the University. The course in Sinhala for the Special Degree students in History and Linguistics was taken by a temporary Assistant Lecturer.

FACULTY OF MEDICINE

Prof. A. A. Hoover's contract as Professor of Biochemistry expired on 7th May 1981. Prof. R. Kanagasuntheram was unanimously elected the Dean while he was in Singapore on vacation leave. Till Prof. Kanagasuntheram assumed duties as Dean on 3 July 1981, Prof. Hoover functioned as the Acting Dean.

Two batches of medical students were admitted in 1981, one batch of 80 students in February and the other batch of 80 students in

October. The second batch of 3rd MBBS students entered the General Hospital, Jaffna for their ward classes. 33 students were admitted for the AMP Course. The accommodation problem continued to be acute since the new faculty building was not ready for occupation even by the end of 1981. It was also noteworthy that a number of foreign students from the U.K. and the U.S.A. underwent their elective periods in our Professorial Units.

The Units of Pharmacology and Psychiatry continued to function under the supervision of the Dean. No additions were made to the Pharmacology Unit during this year. Dr. T. Ganeswaran, Senior Lecturer in Psychiatry, assumed duties on 15th May 1981. While the Psychiatric Professorial Unit was functioning at District Hospital, Tellippalai, Dr. Ganeswaran conducted his clinics both at the General Hospital, Jaffna and District Hospital, Tellippalai. We were unsuccessful in recruiting Professors in Pharmacology and Psychiatry.

Prof. R. Kanagauntheram was awarded the title of "Emeritus Professor" by the University of Singapore for his distinguished service.

A number of books were donated by League of Friends of the University of Jaffna, U.K. Branch.

The staff position of the Faculty remained 'acute' consequent to the freezing of the cadre at the 1980 level.

DEPARTMENT OF ANATOMY:

The Department of Anatomy for the year 1981 was mostly teaching the two batches of Medical Undergraduates and the batch of A.M.P. students.

The second batch of students admitted in 1979 continued their course and had their second Examination for Medical Degree in March 81. The third batch of students were admitted in the latter part of 1981. The Department also helped in the teaching of Anatomy to the AMP students.

Prof. R. Kanagasuntheram, Professor of Anatomy assumed duties as Professor and Head of the Department of Anatomy in January 1981. Subsequently in May 1981 he was appointed Dean of the Faculty of Medicine, University of Jaffna.

Dr. (Mrs.) R. Thiranaganama was appointed Head of the Department of Anatomy with effect from May 1981.

The entire teaching in Anatomy was undertaken by Professor R. Kanagasuntheram and Dr. (Mrs.) R. Thiranaganama.

In February 1981, Dr. T. Jegathesan was appointed Temporary Lecturer to assist the two permanent staff members.

DEPARTMENT OF BIOCHEMISTRY

The Department has been going through a critical period during the year under review. When Prof. Hoover left the Faculty in June 1981 there was no lecturer left in the department. Professor S. V. Parameswaran, Head/Physiology was also appointed Head, Department of Biochemistry on an Honorary basis. Dr. C. T. Ravirajan was selected as Assistant Lecturer and he assumed duties in November 1981. Students interests were well looked after by utilising the services of lecturers from the Science Faculty of this University. Dr. Pasupati, Dr. Kandiah and Dr. Jaya-seelan of the Science Faculty kindly agreed to take lectures on selected topics of Biochemistry. Dr. Sivakanesan, Lecturer in Biochemistry, University of Peradeniya was appointed visiting lecturer. He took lectures and practicals for the Medical Students.

DEPARTMENT OF PHYSIOLOGY:

During the year under review there was some improvement in the laboratory facilities available to teach the undergraduate medical students. Position with regard to academic staff remained unchanged. Dr. K. Sivapalan joined the staff in September 1981 as lecturer and Dr. (Mrs.) V. M. Karunaharan proceeded on her probationary study leave in August 1981 which left only two teachers including the Head of Department. Teaching load was, however, shared by visiting lecturers from General Hospital, Jaffna.

Dr. M. Kanagarajah, Consultant Physician, Australia holidaying in Jaffna gave a series of lectures on a voluntary basis.

The Department continued to teach the AMP students also. The department had been helping the University Medical Officer in carrying out certain diagnostic tests on patients sent by him.

Prof. Parameswaran continued his aptitude survey among the newly admitted students to the faculty, which he started with the first batch in 1978.

Other Activities:

Prof. Parameswaran served as student counsellor. He also served as external examiner in Physiology for Medical and Dental students of the University of Peradeniya.

DEPARTMENT OF COMMUNITY MEDICINE:

Dr. K. Puvanendran was head of the department till 13-11-1981, when Prof. C. Sivagnanasundram assumed duties after his sabbatical leave. Dr. N. Sivarajah was seconded to service as lecturer from the department of Health on 01-10-81.

A Socio-economic cum health survey was started in the Kokuvil—Kondavil Project of the Faculty and 300 families were studied during the year.

Dr. K. Puvanendran was Co-ordinator for A.M.P. training course. The first batch of A.M.P. students at Jaffna completed their course in November 1981.

DEPARTMENT OF PATHOLOGY

Service Function:

Reporting of surgical biopsy material for Jaffna Hospital as well the out station biopsies sent here (Karainagar, Tellippalai and Mannar).

The material obtained from postmortems and surgical biopsies are being preserved for a pathological museum.

DIVISION OF PARASITOLOGY:

Dr. V. S. Pathmanathan Consultant Pathologist of General Hospital, Jaffna was appointed as Visiting Lecturer in Parasitology helping us in conducting Practicals and Tutorials.

Service Function:

Parasitological investigations sent by U.M.O. and some of the Professorial Units were done.

DIVISION OF MICROBIOLOGY

Staff

A lecturer was appointed towards the end of 1981. With the new batch of clinical students joining us in July we had full quota of students with only a single lecturer trying to cope up with the work.

The Lecturer also participated in a village morbidity survey.

Publication

Preliminary survey of bacterial contamination of Hospital Environment in a General Hospital—Jaffna Medical Journal 16 No.2-17 - 22.

DIVISION OF FORENSIC MEDICINE

The Academic Staff at present consists of one Senior Lecturer. The University Forensic Medicine Unit is also rendering Medico-Legal Service for the State. About 170 Autopsies were performed by this unit last year and about 3000 injured persons were also examined during this period. A good part of our time was spent in attending the various courts in the Island to give expert evidence.

Research

A study concerning the patterns of injury in bicycle accidents was started during this period.

Publications

1. Homicide by burning. Ceylon Medical Journals 26 (2) 84, 1981- N. Saravanapavananthan
2. Penetrating wound of the aorta by a bull's horn; Injury, The British Journal of Accident Surgery 13, 5, 412-413, 1981: N. Saravanapavananthan

DEPARTMENT OF MEDICINE

General

Dr. K. Ranjadayalan was appointed by the Postgraduate Institute of Medicine as a trainee in General Medicine and assumed duties in June 1981. The Intern House Officers who assumed duties in 1981 were: Dr. (Miss) T. Kumarasamy, Dr. (Miss) S. Puthrasingham, Dr. K. Yoganathan and Dr. S. P. Ranjitsingh.

Dr. (Miss) T. Nadarajah resigned in March 1981 from her post of Registrar in Medicine, in order to proceed to U.K. for higher studies. She was replaced in June 1981 by Dr. (Mrs.) S. Sivagnanavel as Temporary Lecturer in Medicine.

Research Publications

Sreeharan N., Kappagoda C. T., and Linden R. J. (1981). "The Role of renal nerves in the diuresis and natriuresis caused by stimulation of atrial receptors." *Quarterly Journal of Experimental Physiology* 66, 163 - 178.

Kumarasamy T., Nageswaran A., Puthrasingham S., and Sreeharan N. (1981) A profile of Medical health problems in Northern Sri Lanka. *Proceedings of the Kandy Society of Medicine* 4, 28 - 30

Kumarasamy T., Nageswaran A., Puthrasingham S., and Sreeharan N. (1981). Problem orientated approach to Medical diagnosis—a preliminary study. *Proceedings of the Kandy Society of Medicine*, 4 - 27.

Rajah S.M., Crow M.J., Donaldson D.R., Sreeharan N. and Davison A.M. (1981).

Comparison of the thromboembogenic potential of two membranes during haemodialysis. VIIIth International Congress on Thrombosis and Haemostasis, Toronto, 0995, (Abs).

Nageswaran A., Puthrasingham S., Kumarasamy T. Ranjadayalan T., and Sreeharan N. (1981). The pattern of admissions to a University Medical Unit. Proceedings of the 37th Annual Sessions of the Sri Lanka Association for the Advancement of Science, Pg. 7.

Linden R. J. and Sreeharan N., (1981) Humoral nature of the urine response to stimulation of atrial receptors. Quarterly Journal of Experimental Physiology 66 (In Press).

Vinayagamoorthy T., Narendranathan R., Nageswaran A., Balasubramaniam C. C., and Theivendirarajah K. (1981) Preliminary Survey of Bacterial Contamination of Hospital Environment in a General Hospital. Jaffna Med. J., 16 17 - 22.

The acceptance of the following publications in late 1980 were communicated to the Department in 1981.

Donaldson D.R., Rajah S. M., Sreeharan N., and Crow M.J (1980). The interaction of Warfarin with Dipyridamole and Aspirin. VIth International Congress on Thrombosis of the Mediterranean League against Thromboembolic Disease, Monter Carlo, 430 (Abs).

Rajah S. M. Sreeharan N., Joseph A., and Watson D.A. (1980). A prospective trial of Dipyridamole and Warfarin in Heart valve patients. VIth International Congress on Thrombosis of the Mediterranean League against Thromboembolic Disease, 100 (Abs)

Crow M. J., Rajah S. M., Davison A. M., Sreeharan N., Donaldson D.R. (1980). Aspirin and Dipyridamole in Renal Dialysis. VIth International Congress on Thrombosis of the Mediterranean League against Thromboembolic Disease, 328 F (Abs).

Other Activities

The Professor continued to function as the Clinical Co-ordinator of the Faculty and as a member of the Board of Studies in the Postgraduate Institute of Medicine. He was appointed examiner

for the M.D. (Part 2) of the Postgraduate Institute of Medicine December 1981 and was elected to the following committees— Section A of the SLAAS for 1981/82, Council of the Jaffna Medical Association for 1981/82, Chairman of the sub-committee on Medical exhibits J.M.A. exhibition 1982, Vice-Chairman of Ootru Organisation, "A centre for Development studies". He also functions as a member of the editorial board of 'Ootru', a scientific journal in Tamil. The department participated in the weekly sessions of the Jaffna Medical Association and also trained and evaluated a batch of AMP students.

DIVISION OF PHARMACOLOGY

The work entails regular lectures to the 3rd and 4th year medical students including tutorials and demonstrations. We also partake in integrated ward classes and seminars.

The academic staff consists of one Senior Lecturer, while some hospital consultants help by taking some of the lectures.

The Senior Lecturer also functions as Consultant Anaesthetist to General Hospital, Jaffna.

DEPARTMENT OF OBSTETRICS AND GYNAECOLOGY

The activities of the Department for the year of review centred primarily on 'service' function in the University Obstetric and Gynaecological Unit at the General Hospital, Jaffna. Complying to a Faculty decision this Department also, along with the other University Clinical Units, agreed to participate in the teaching programme and the examination of the Assistant Medical Practitioner (A.M.P.) students.

The Professor continued to serve in the Board of Management and the Board of Study (Obstetrics and Gynaecology) of the Postgraduate Institute of Medicine, University of Colombo (PGIM) and also in the Council of the University of Jaffna. He participated as examiner for the M.S. (Obstetrics and Gynaecology) Part I examination conducted in March 1981, by the PGIM, and was also external examiner for the final MBBS examination of the University of Peradeniya in June-July 1981.

58 **Appropriate Technology Services**

**121, POINT PEDRO ROAD
NALLUR, JAFFNA**

Dr. M. Jegasothy, Lecturer of the Department proceeded to the U.K. in October 1981, on probationary study leave and attempts by the Department to secure a temporary lecturer in his place have proved unsuccessful up to the end of the year.

The Academic Staff participated in the activities of the Jaffna Medical Association by presenting clinical case demonstrations at its Scientific Meetings. The research project, to determine the "norms" for our new-borns, initiated in 1980, in concurrence with the Department of Paediatrics, was continued in 1981.

Publications

Prof. M. Sivasuriya and Dr. P. Thayalasekaran—'Torsion and Haemorrhage in a Malignant ovarian tumour'.

Jaffna Medical Journal (September 1981) Vol. 16 No. 2.

Prof. M. Sivasuriya and Dr. M. Jegasothy—Myasthenia gravis in pregnancy—Sri Lanka Journal of Obstetrics and Gynaecology December 1981.

DEPARTMENT OF PAEDIATRICS

General

Dr. P. Sivakumar assumed duties as Lecturer and Dr. V. Elanganayagam continued to function as the Registrar to the Unit.

The Activities of the Department

(a) Service function in the University Paediatrics Unit—General Hospital, Jaffna.

(b) Teaching and Evaluation—3 batches of the A.M.P. students were taught continuously for a period of 18 weeks.

(c) Examination—clinical examination in Paediatrics for the final A.M.P. examination was organised and conducted by the department.

(d) Refresher course for R.M.P.'s for two weeks was conducted.

Research

The maintenance of the special record system of cases in the wards, started in October 1980 being continued.

A research project along with the Department of Obstetrics and Gynaecology was started in February 1981, (i) to assess the period

of gestation and making the linear measurements of babies in the University Unit. (ii) studies on the perinatal morbidity and mortality pattern in the University Unit—General Hospital, Jaffna.

Social, Welfare and Other Activities

Weekly journal clubs and B.H.T. sessions.

Prof.D.Ramadas—did a J.M.A. lecture on “Diabetic Ketoacidosis”
Clinical demonstration of a case of “Hypoplastic anaemia” at the J.M.A. sessions.

Prof. Ramadas takes part in the activities of the Board of study (Paediatrics) of the Postgraduate Institute of Medicine.

DEPARTMENT OF SURGERY

General

Although some appointments to the Department were made prior to 1981. The department actually started functioning only from January 1981, when Dr. S. Sriskandavarman assumed duties as Senior Lecturer and Head of Department.

Prof. V. Karunanathan assumed duties in November 1981, and is the first Professor to function in this department. He also took over as Head of Department from Dr. S. Sriskandavarman.

Registrar—Dr. K. Kangesan assumed duties in January 1981.

Intern House Officers who assumed duties in 1981 were:

Dr. R. Devakumar

Dr. (Miss) Kandasamy

Dr. Harendra

Dr. Navaratnarajah

Other Activities

Prof. V. Karunanathan— Examiner in final MBBS (Surgery),
University of Colombo—August 1981.
Examiner in final MBBS (Surgery),
University of Peradeniya.
Examiner in Anatomy,
University of Peradeniya.
President, Kandy Society of Medicine.
Member, Board of Governors, Sri Lanka

Association for Voluntary Sterilisations.
Appointed Member of Board of Studies
in Surgery—Postgraduate Institute of
Medicine, Colombo.

FACULTY OF SCIENCE

General

One hundred and sixty four students were admitted to the Faculty in 1981 with fifty two for the Bio-Science Course, sixty four for the Physical Science Course and forty five for the Mathematics and Statistics Course. These students were given a four week intensive course in English and their first year courses commenced in November.

Prof. Kunaratnam was appointed as Head, Department of Physics in October when he returned after his sabbatical leave.

The problems of laboratory, lecture room and office room space continued to be acute as the progress in the construction of the Chemistry Block and the Mathematics, Statistics and Computer Centre Block had been very slow during 1981.

DEPARTMENT OF BOTANY

General

The number of students following B.Sc. General and Special Degree courses in Botany were more or less the same as in the previous year. Postgraduate research started in the previous year continued successfully despite the shortage of laboratory space and inadequate supporting laboratory staff. Two graduate students have been enrolled for a Ph.D. and M.Phil. programme respectively.

The teaching programme in the Department was greatly improved by the arrival of two lecturers. Dr. A. Sivapalan returned in January after successfully completing his Ph.D. degree in Plant Pathology from the University of London. Dr. K. Jeyaseelan, Ph.D. (Sheffield), a lecturer in Botany from the University of Peradeniya who specialised in Biochemical Genetics and Biochemistry joined the staff of this Department in June.

Although the Department was able to achieve quick development within a short period, its activities both teaching and research are very much affected by the lack of laboratories for general teaching and for research. The construction of the Second Biology Block as laid out in the plan for the Science Faculty, will greatly ease this difficult situation and more students can be admitted to follow both undergraduate and postgraduate courses.

The Department was also fortunate in getting one of the Technical Staff trained in U.K. Mr. S. Ratnasothy, Senior Technician of this Department returned from U.K. in December after successfully completing a Biological Laboratory Techniques and Equipment maintenance course at the Bristol Polytechnic, under the Colombo Plan Scholarship.

Mr. K. Arumuganathan left for U.K. in September to follow a M.Sc. course in Higher Plant Breeding at the University College of Wales, Aberswyth under a Colombo Plan Scholarship.

Mrs. A. Thirukkanesan who was working in this Department for five years as Probationary Assistant Lecturer resigned from the post in October, 1981.

A small Microbiology laboratory was established in a part of the building, previously occupied by the Department of Physics. Most of the microbiological practicals for Special Degree students and research on microbiological projects are done in this laboratory.

Prof. K. Theivendirarajah participated at FAO/IAEA Seminar on Food Irradiation for developing countries in Asia and the Pacific held in Tokyo, 9-13 November, 1981. He also participated at the International training course on the Microbiology of Cycling of Nitrogen at Bangladesh, 13th November to 11th December, 1981. Dr. S. Kandiah participated in the workshop on post-graduate training for the Agriculture and Plantation Sector organised by the Science and Technology Advisory Committee of the SLAAS in Colombo in May 1981.

Research

The Department is engaged in Research projects in four major fields of Botany, Microbiology, Plant Pathology, Plant Physiology and Biochemistry and Genetics.

Microbiology: There is an on going research programme on the epidemiology of R plasmids in Sri Lanka which is assisted by a grant from the Swedish Agency of Research Corporation with developing countries.

A research contract was awarded to Prof. K. Theivendirarajah by the International Atomic Energy Agency, Vienna to carry out investigations on the use of Gamma irradiation for the preservation of Mangoes and Spices. Research projects on the Biochemistry and Genetics of Catabolic pathways in bacteria and on the Biochemistry of extracellular enzymes were started by Dr. K. Jayaseelan and his research work was assisted by two Assistant Lecturers.

Plant Pathology: Investigations on the leaf spot disease of Beans and downey mildews of grapes have been initiated by Dr. A. Sivapalan.

Plant Physiology and Biochemistry: Dr. S. Kandiah continued his investigations on the turn over of photosynthates in crop plants. The crop considered included tea, palmyrah and onion. The results of these investigations were presented at the 37th Annual sessions of the SLAAS. Dr. S. Kandiah served on the sub-committee of the Atomic Energy Authority on N—15 studies and has initiated work on N—15 studies. N—15 labelled fertilizers for this study has been gifted by the International Atomic Energy Agency.

Genetics: Research work on the Genetics and breeding of Gingelly (*Sesamum indicum*) and yard long bean (*Vigna Sesquipedalis*) was started. This research programme was funded by the National Science Council of Sri Lanka through a grant RGB/81/13 to Prof. K. Theivendirarajah. A postgraduate student worked on this project.

Social, Welfare and other Activities

Prof. K. Theivendirarajah: Was the President of the Jaffna University Science Teachers' Association.

Member of the Board of Setters in Botany and Chief Examiner of G.C.E. (Advanced Level) Examination of Sri Lanka.

Appointed as member of the Panel of Resource Personnel for the sectoral committee for Health Services, Development Council Jaffna District.

Dr. A. Sivapalan and Dr. K. Jeyaseelan: Functioned as Chief Examiners in Botany for the G.C.E. (Advanced Level) Examination

Publications

1. Ghosh, R., Guest J. R. and Jeyaseelan K. (1981) Regulatory properties of the pyruvate dehydrogenase complex of *Pseudomonas aeruginosa*, *Biochemica et Biophysica Acta* 658, 232.
2. Guest, J. R. Cole, S. T. and Jeyaseelan, K. (1981) Organisation and expression of pyruvate dehydrogenase complex genes of *Escherichia coli* K 12. *Journal of General Microbiology*, 127, 65-79
3. Jeyaseelan, K. and Visser, J. (1981). Large scale purification of the pyruvate dehydrogenase complex of a thermophilic *Bacillus* species. Proceedings of the 37th Annual Sessions of the SLAAS Part 1, Section D.
4. Jeyaseelan, K., Visser, J. and Guest, J.R. (1981) Immunological properties of bacterial pyruvate dehydrogenase complexes and characterization of deleterious mutants of *Escherichia coli*. Proceedings of the 37th Annual Sessions of the SLAAS. Part 1, Section D.
5. Kandiah, S., Wettasinghe, D.T. and Wadasinghe, G. 1981. Physiological aspects of shoot root interaction in tea recovering from pruning. Proceedings of the 37th Annual Sessions of the SLAAS Part 1, Section B.
6. Kandiah, S. 1981. Pruning as a means of overcoming senility in tea plantations. Proceedings of the 37th Annual Sessions of the SLAAS. Part 1, Section B.
7. Kandiah, S., Theivendirarajah, K., and Thiagalingam, S. 1981. Some aspects of developmental changes during growth of *Allium cepa* L. (Onion). Proceedings of the 37th Annual Sessions of the SLAAS. Part 1 Section D.
8. Kandiah, S. and Rathithevi Shanmuganathan 1981. Varietal studies of the red and black fruit and fruit products of *Borassus flabellifer* (Palmyrah palm). Proceedings of the 37th Annual Sessions of the SLAAS. Part 1, Section D.

9. Ramanathan, N. and Sivapalan A, (1981). Germination of Conidia of *Cercospora cruenta* on leaves of *Vigna sesquipedalis*. Proceedings of the 37th Annual Sessions of the SLAAS. Part 1 Section D.
10. Indranee Arumugam, Sivapalan A. and Theivendirarajah K. (1981). "Preliminary studies on the alginic acid and agar contents of some marine algae." *J. Natn.Sci.Coun. Sri Lanka* 1981(1)
11. Sivapalan A. (1981). Effects of water on the growth and development of *Erysiphe pisi*. Proceedings of the 37th Annual Sessions of the Sri Lanka Association for the Advancement of Science. Part 1, Section D.
12. Theivendirarajah K., and Jeyaseelan, K. (1981). The effect of weedicides on blue-green algae. *Ceylon Journal of Science*. (In Press).
13. Theivendirarajah, K. (1981). Preliminary investigations for irradiation preservation of mangoes, dried fish and spices. FAO/IAEA Seminar on Food irradiation for Developing countries in Asia and the Pacific. Tokyo, 9-13 November, 1981.
14. T. Vinayagamoorthy, R. Narendranathan, A. Nageswaran C. C. Balasubramaniam, and K. Theivendirarajah (1981) Preliminary survey of Bacterial Contamination of Hospital Environment in a General Hospital. *Jaffna Medical Journal*. Vol XVI, No.2.

DEPARTMENT OF CHEMISTRY

General

As in the previous years the department continued to function in make shift laboratories in the Natural Science Block and the Physics Block. These laboratories are not suitable for conducting Chemistry practical classes and the staff and the students had to work under very difficult conditions. There was an acute shortage of Laboratory space staff rooms, and store space. Although the construction work on the new Chemistry building was commenced in January 1980 the progress has been very slow. Concreting of the first floor slab was not even half complete by the end of 1981 and at this slow rate only the ground floor work will be completed in 1982. Repeated requests to the contractors to speed up the work have had no effect.

About two hundred and twenty (220) students in four batches followed Chemistry courses in 1981. These students had to be admitted in groups of twenty to the practical classes and the staff were compelled to work on Saturdays and up to 5 p.m. on week days. Also the practical classes were disrupted by the power cuts.

The second and third batches of Chemistry Special students graduated in 1981. Professors A. K. Holliday, A. Ledwith and I.O Sutherland from the University of Liverpool, England functioned as external examiners for these two examinations.

Dr. (Miss) M. V. Jesudasan was appointed as Senior Lecturer in Chemistry and in addition three temporary assistant lecturers and nine demonstrators were appointed in October, 1981 to enable the department to conduct the 1981/82 undergraduate courses effectively.

Mr. K. Brabakaran was given probationary study leave to follow postgraduate course at the Dalhousie University making use of the Hiram Scholarship awarded by that University.

Professor R. S. Ramakrishna, Drs. R. A. Thuraisingham, J. N. O. Fernando and S. Hettiarachchi of the University of Colombo and Dr. M. I. M. Wazeer of the University of Peradeniya conducted visiting lectures to our special students.

Research

1. Professor S. Mageswaran

- (a) Synthesis of α -bromo- β unsaturated ketones.
- (b) Chemical and Biochemical investigation of palmyrah products

2. Dr. V. Arkley

Investigation of the reactions of greseo-fulvin.

3. Dr. (Mrs.) R. Mageswaran

- (a) Investigation of the Nitrate-Nitrogen in water and soil samples
- (b) Estimation of the molybdenum contents of soils.

4. Dr. V. Pasupathy

Chemistry Investigation of the constituents of *Roceella Fucioformis*

5. Mr. S. Kandiah

Studies in Chemical Thermodynamics.

Research Publications

1. S. Mageswaran, W. D. Ollis, and I.O. Sutherland (1981). Base catalysed rearrangements of involving ylide intermediates. Part 9. The rearrangement reactions of cyclic allylic ammonium and sulphonium ylides. *J. Chem. Perkin 1*, 1953.
2. R. W. Jemison, S. Mageswaran W.D. Ollis, I.O. Sutherland and Y. Thebtaranonth (1981). Base catalysed rearrangements involving ylide intermediates. Part 8. The preparation and some reactions of stable ammonium ylides. *J. Chem. Soc. Perkin 1*, 1154.
3. S. Mageswaran, W. D. Ollis, I. O. Sutherland and Y. Thebtaranonth (1981). Base catalysed rearrangements involving ylide intermediate. Part 11. Rearrangements of 3—phenyl—prop—2—ynylammonium ylides. *J.C.S.Perkin 1*, 1969.

Social, Welfare and other activities

1. Professor S. Mageswaran served on the University Council from January 1981 to December 1981 as a representative of the University Senate. He also functioned as the Senior Student Counsellor from March 1981.
2. Dr. (Mrs.) R. Mageswaran functioned as a temporary Student Counsellor. She also functioned as one of the Chief Examiners in Chemistry for the G.C.E. (Advanced Level) Examination.
3. Dr. V. Pasupathy served in the University Senate as one of the Faculty representatives. He also functioned as a Student Counsellor and as a Chief Examiner in Chemistry for the G.C.E. (Advanced Level) Examination 1981.

DEPARTMENT OF MATHEMATICS AND STATISTICS

General

The Mathematics and Statistics Department continued to occupy a section of the first floor of the Physics Building. The Building for Mathematics, Statistics and Computer Centre is proceeding at snails pace and the ground floor is expected to be handed over to us in May 1982 (though it was promised to us in July 1981)

Dr. S. Ganesalingam and Dr. (Mrs.) T. Nadesalingam (nee Ponnudurai) and Dr. R. Shivaji obtained their doctorates from the University of Queensland, the University of Adelaide and the Heriot Watt University respectively. Dr. S. Ganesalingam resumed duties in February, Dr. R. Shivaji resigned his position without resuming duties. Dr. (Mrs) Nadesalingam resigned her position in the University in December. During the course of the year Dr. S. Ganesalingam and Dr. (Mrs) Nadesalingam were promoted as Lecturers and Mr. V. Varatharajaperumal, Probationary Assistant Lecturer also resigned his position.

Mr. M. Skantharajah and Mrs. S. Selvanathan Probationary Assistant Lecturers went on probationary study leave to the University of Alberta, Canada, and the Murdoch University, Australia respectively. Messrs A. Eswarathasan, K. Sritharan and A. Thavaneswaran continued to be on study leave.

Dr. M. Z. M. Malhardeen attended the Autumn Course on Variational Analysis, held at the ICTP, Trieste.

Dr. D. Collet from the University of Reading, England visited us and took part in two seminars in Statistics. Mr. Manica Idaikaddar formerly of the F.A.O. gave a series of lectures in Agricultural Statistics. The Federal Republic of Germany gifted us several books in Mathematics.

Research

(a) **Dr. (Mrs.) T. Nadesalingam**

“Diophantine inequalities in many variables”

(b) **Dr. S. Ganesalingam**

“On the mixture maximum likelihood approach to estimation and clustering.”

(c) **Mr. S. Sathanandan** (Temporary Assistant Lecturer)

Paper on “Analysis of Rainfall Data” read at SLAAS. Annual Sessions 1981.

Publications

(1) Dr. S. Ganesalingam and Dr. G. J. Mc. Lachlan (1981), “Error rate estimation on the basis of posterior probabilities” Pattern Recognition 12, 405-413.

(2) Dr. S. Ganesalingam and Dr. G.J. Mc Lachlan (1981). "Some efficiency result for the estimation of the mixing proportion in a mixture of two normal distributions" *Biometrics*, 37 - 23-33.

Social, Welfare and other Activities

(a) Dr. M. Z. M. Malhardeen—Temporary Student Counsellor.

(b) Dr. S. Ganesalingam (1) Temporary Student Counsellor
(2) Chief Examiner in Pure Mathematics, G.C.E.(A/L) Examination

(c) Prof. J. B. Selliah (1) Chairman, Sports Advisory Board
(2) Vice-President, Science Teachers' Association.

(3) Treasurer, University Teachers' Association.

(4) Chief Examiner in Applied Mathematics, G.C.E.(A/L) Examination.

DEPARTMENT OF PHYSICS

General

A total of 112 General Science students and six Special Science students followed courses in Physics during the year. Most of the teaching load had to be borne by three lecturers as all four probationary assistant lecturers continued to be on study leave and Prof. Kunaratnam was on sabbatical leave until October, 1981. During the year, the Department lost the services of Dr. Ramachandran who resigned in October to take up an appointment in a Nigerian University. The Department of Mathematics/Statistics and Chemistry continued to occupy a part of the Physics Block.

Research

While on sabbatical leave in the University of Science Malaysia, Prof. Kunaratnam carried out research on interpretation theory in magnetics and also supervised the research of an M.Sc. student.

Publications

The following research papers were published during the year.

1. Kunaratnam, K. Simplified expressions for the magnetic anomalies of vertical prisms, *Geophysical Prospecting* Vol.29, 1981

2. Kunaratnam, K. Spatial dependence of day time vertical polarisation of Pc 3-5 micropulsations in Sri Lanka. *Journal of Atmospheric and Terrestrial Physics*, U.K. Vol. 43, No 12, 1981.

3. Kandasamy, K. The predominance of a surface plane of high work function on Ti films. *J. Phys. C. Solid State Physics* 14, 1981

The following research papers were accepted for publication.

1. Kunaratnam, K. A comment on the application of Gauss's method to magnetic anomalies of dipping dykes. *Geophysics-Journal of the Society of Exploration Geophysicists, America.*

2. Kandasamy, K. The interaction of titanium films with water vapour over a wide range of pressures and exposures. *J. Phys, C Solid State Physics* U.K.

3. Chelvayogan, M. and Mee C.H.B. Work function measurements on (110), (100) and (111) surfaces of silver *J. Phys, C. Solid State Phys.* U.K.

Other Activities

Dr. Kumaravadivel served as a referee for two research papers submitted to the *Journal of Physics*, U.K. on the request of the Institute, of Physics, London.

Dr. Kandasamy participated in the International Course on Physics of Materials held at the Indian Institute of Technology Madras from 4-19 September 1981.

Dr. Kumaravadivel and Dr. Kandasamy served as members of the panel of examiners for the G.C.E. (A.L) (Sri Lanka) Examination.

Prof. Kunaratnam served as an external examiner in Physics for the B.Sc. General Degree Examination, Peradeniya.

Dr. Kandasamy served as a student counsellor at the time of admission of new students in October 1981.

DEPARTMENT OF ZOOLOGY

General

Significant landmarks this year include the passing out of the first batch of Special Degree students, admission of postgraduate students and increase in research activity in this department.

There were 52 students in the First year, 49 in the Second year, 59 in the Third year, 6 in the Special Degree Course and 2 in Post-graduate programme. Two students passed out obtaining a Special Degree in Zoology. Two students registered for M. Phil. in Zoology—in the areas of Entomology and Marine Biology.

Rev. Dr. G. F. Rajendram (Lecturer) was promoted to Senior Lecturer grade. Mr. S. Srisantha (Probationary Assistant Lecturer) left for the University of South Carolina for his post-graduate studies. Miss A. S. R. Miranda (Probationary Assistant Lecturer) resigned while doing her M.Sc. in the University of Hawaii on an East West Centre Scholarship.

On an invitation from Section D of the Sri Lanka Association for the Advancement of Science, Dr. K. Chitravadivelu presented a paper on "Preliminary studies on cage culture of Penaeid prawns" at a symposium held on 31st October, 1981.

Prof. V. K. Ganesalingam served as Chief Examiner in the G.C.E. (A.L) April 1981 (Zoology). Rev. Dr. G. F. Rajendram was enrolled as a member of the New York Academy of Sciences by its Board of Governors.

With regard to Technicians, Mr. K. Ratnasingam was promoted to Special grade; Mr. S. Narendran was awarded a Colombo Plan Scholarship in the U.K. and Miss Y. Kumarasamy was confirmed and promoted to Grade 11. Two additional labourers were appointed to serve in the Animal House and Insectary respectively.

However, the Department lacks necessary laboratory space for practical classes and research. It should be noted that the practicals for all courses are being conducted in a single laboratory. This is indeed an unsatisfactory condition. This will ease if the Natural Science Block 11 takes shape in due course.

Research

Prof. V. K. Ganesalingam

(1) "Investigation of the presence of stored grain insect under field conditions." Supported by the National Science Council of Sri Lanka.

(2) "Ecology and Biology of Holothuria". Supported by the National Science Council of Sri Lanka.

(3) "Insect Pests of paddy field". Supported by the Research Grant from the University of Jaffna.

Mrs. N. Selvarajah

(1) "A limnological study of two ponds in the Jaffna Peninsula with special reference to mesofaunal ecology." Supported by the National Science Council of Sri Lanka.

Rev.(Dr) G. F. Rajendram

(1) "Studies on the biological control of the brown plant-hopper *Nilaparvata lugens* (Stal) including biotypic determination of *N. Lugens* and biology and ecology of insect parasites and predators of *N. Lugens*." Supported by National Science Council of Sri Lanka.

Dr. K. Chitravadivelu

(1) "Biology and distribution of Rabbit fish (*Siganus* species), bream (*Lethrinus* species) and mullet (*Mugil* species) in the Jaffna lagoon and adjoining areas." Supported by the National Science Council Research Grant.

(2) "Cage culture of prawns and rabbit fish (*Siganus* species)" Jointly with Prof. K.D. Arudpiragasam on a Research Grant from International Foundation for Science, Sweden to Prof. K. D. Arudpiragasam.

(3) "Efficiency of fishing gears in operation in Jaffna lagoon and their catch analysis." Supported by the Research Grant from the University of Jaffna.

Publications

1. Ganesalingam, V. K. and Mahaluxmy Rajendram. 1981. study of the larval instars of *Sitotroga cerealella* (Olivier) with reference to the growth of the head capsule. *Proceedings Sri Lanka Assn. Advmt. Sci.* 37 (1) 46-47.

2. Krishnarajah, S.R. and Ganesalingam, V. K. 1981. Toxic effect of some plant oils on *Sitotroga cerealella* (Olivier) (Lepidoptera: Gelechiidae). *Proceedings Sri Lanka Assn. Advmt. Sci.* 37 (1) 47

3. Elanganayagam Padmini, Ganesalingam, V.K. and Sachithananthan, K. 1981. Studies on taxonomy and ecology of the Holothurians in Jaffna Lagoon. *Proceedings Sri Lanka Assn. Advmt. Sci.* 37(1):44

4. Rajendram, G.F. and F. R. Devarajah 1981. Population sampling of pest and beneficial insects of rice in Batticaloa district, *Proceedings Sri Lanka Assn. Advmt. Sci.* 37 (1): 47

5. Devarajah, F. R. and Rajendram, G. F. 1981. Rearing methods of *Cyrtorhinus lividipennis* (Hemiptera: Miridae) a predator of *Nilaparvata lugens* (Homoptera: Delphacidae). *Proceedings Sri Lanka Assn. Advmt. Sci.* 37 (1): 47-48.

6. Atputhanathan M. and Chitravadivelu, K. 1981. Cockroach a typical invertebrate (Tamil) *Chettiar Press, Jaffna.* pp. 44.

Social, Welfare and other Activities

Prof. Ganesalingam and Rev. (Dr.) Rajendram served in the University Court. Prof. Ganesalingam served on the Convocation Committee and the Committee for establishment of the Faculty of Agriculture. He was elected President of the Jaffna branch of the Sri Lanka Association for the popularisation of Science. Dr. Chitravadivelu functioned as the Assistant Secretary of the University Science Teachers' Association.

LIBRARY

In addition to the insecurity of occupying a condemned building, the problem of finding space to the increasing volume of books and periodicals was becoming more and more acute. It was with some relief the Library was able to move into some parts of the ground floor of the building now being constructed. Mr. R. S. Thambiah, Senior Assistant Librarian in charge left the University in October to take up an appointment in the Department of Library Science in the Maidugiri University in Nigeria. In the absence of a senior Librarian, the Vice-Chancellor had to take charge of the Library and it was under his general direction shifting to the new premises began on the 16th of December. Prof. K. Indrapala was kind enough to agree to organise and supervise the operation. A large number of student volunteers also helped.

Stock

On the 31st of December the Library had, according to the records a stock of 66907 books. The number should be much less if one take into consideration the books returned to Jaffna College.

Acquisition

A sum of Rs. 900,000 was allocated for books and periodicals for the year.

The expenditure on renewal of periodical subscriptions amounted to approximately Rs. 650,000.

3204 books were accessioned and taken into stock. Of these 1467 books were purchased. The rest were gifts and donations from well wishers.

During the year the Library received 344 periodicals on paid subscriptions. Few stray issues were received as gifts and complimentary copies. There was no exchange programme.

Donations

As in previous years the Library benefited greatly by gifts and donations from many well wishers here and abroad. Special mention should be made of the following donors.

Mr. K. K. Canagarayar

Asia Foundation

Embassy of the Federal Republic of Germany

Netherlands Royal Embassy

League of Friends of the University of Jaffna (U.K. Branch)

Dr. T. T. Alagaratnam

Mr. Sivanaiah Jeevan

Cataloguing

As the number accessioned would indicate, 3204 books were catalogued and processed. The backlog of uncatalogued books continued to grow and in December there were approximately 20,000 books to be catalogued.

Binding

805 books were bound in the small binding unit in the Library. Lack of essential equipment continued to be a major handicap.

Reader Services

Readership:

Students 1334

Staff 250

Non-Academic Staff 279

Issues:

Staff 16000

Students 27000

Overnight 18000

Staff

As noted above Mr. R. S. Thambiah Senior Assistant Librarian left the University in October. He was in charge of the library since its inception. In addition to the arduous tasks he performed in organising the collection in the initial stages he also had seen work started on the new building before he left. He was largely responsible for the growth of the library has had during the last seven years. It is with gratefulness and appreciation we record his services to the Library. We wish him well.

Mr. Sivanziah Jeevan, Assistant Librarian left us in October 1981 to take up an appointment in Nigeria. Together with Mr. Terry McGarvey he bore the brunt of cataloguing the initial collections. He laid down, though tentatively, the guidelines in the two major areas of professional work—cataloguing and classification. Mrs. R. Pararajasingham left on study leave to the University of Madras to follow a postgraduate course in Librarianship.

Mr. A. Sivanesachelvan, Library Assistant resigned his post with the intention of proceeding to India to further his studies in Library Science. His services to the young institution Library will be remembered with gratitude.

Miss S. Thalayasingham and Mr. R. Krishnakumar were two other Library Assistants who resigned during the year.

Mr. S. Jeyaratnam, Library Assistant vacated his post.

The following two attendants also vacated their posts:

Mr. K. Gunaratnam

Mr. T. Thurairajasingham

Mr. M. Arulpragasam was promoted to the grade of Library Attendant.

Mrs. S. Visahan was appointed Library Assistant. The following appointments were also made during the year.

Messrs T. Paramsothy and P. Jeyaramer as labourers.

Messrs J. Mariyanayagam, K. Somasekaram and A. Satkunanathan as Attendants.

Appropriate Technology Services

121, POINT PEDRO ROAD

NALLUR, JAFFNA

No.

