

ANNUAL REPORT
OF THE
NATURAL RESOURCES, ENERGY & SCIENCE AUTHORITY OF SRI LANKA
FOR THE
FINANCE YEAR 1982

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Letter of submission to His Excellency the President.

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Natural Resources, Energy and
Science Authority of Sri Lanka,
47/5, Maitland Place,
Colombo 7.
6th July 1984.

His Excellency the President,
Presidential Secretariat,
Galle Face,
Colombo 1.

Your Excellency,

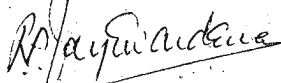
ANNUAL REPORT OF THE NATURAL RESOURCES, ENERGY & SCIENCE AUTHORITY OF
SRI LANKA FOR THE PERIOD 1st JANUARY TO 31st DECEMBER 1982.

In terms of Section 16(III) of the Natural Resources, Energy & Science
Authority of Sri Lanka Act No. 78 of 1981, I have the honour to
submit the Annual Report of the Natural Resources, Energy & Science
Authority of Sri Lanka for the period 1st January to 31st December 1982
together with

- (a) A copy of the Audited Income and Expenditure Account
- (b) A copy of the Audited Balance Sheet
- (c) Auditor General's Report

The Natural Resources, Energy & Science Authority of Sri Lanka which
came into effect from 1st June 1982 is the successor to the National
Science Council of Sri Lanka.

Yours obediently,



Dr. R.P. Jayewardene,
Director-General,

NATURAL RESOURCES, ENERGY & SCIENCE AUTHORITY OF SRI LANKA

ANNUAL REPORT - 1982

i. Membership of the National Science Council of Sri Lanka - January to May 1982

1. Prof. E.O.E. Pereira (Chairman)
2. Dr. F.S.C.P. Kalpage (Vice Chairman)
3. Dr. R.P. Jayewardene (Secretary General)
4. Dr. J.K.P. Ariyaratne
5. Mr. Lyn de Alwis
6. Mr. Donald Gunasekera
7. Dr. J.A. Gunawardena
8. Dr. M.M.J.W. Herath
9. Dr. H.N.S. Karunatileke
10. Dr. R. Mahalingasivam

ii. Membership of the Natural Resources, Energy and Science Authority of Sri Lanka June to December 1982

1. Dr. R.P. Jayewardene (Director-General)
2. Mr. U.G. Bulumulle
3. Mr. Lyn de Alwis
4. Dr. (Mrs) Nallini de Alwis
5. Dr. D.B. Dhanapala (appointed 24.8.82)
6. Dr. M.M.J.W. Herath
7. Dr. Mohan Munasinghe (appointed 16.8.82)
8. Mr. V.R. Nanayakkara
9. Dr. K.K.Y.W. Perera
10. Dr. O.S. Peries (appointed 24.8.82)
11. Dr. R.S. Ramakrishna (appointed 24.8.82)

iii. Staff

Director-General

Dr. R.P. Jayewardene

M.D.; F.R.C.P. (Lond.)

Deputy Director-General

L.C.A. de S. Wijesinghe

B.Sc. Hons. (Ceylon); M.A. (Oxon)

Directors (Scientific Affairs)

M.A.T. de Silva
B.Sc. (Lond.); M.Sc. (Lond.)

D.E.F. ~~Ferdinandez~~
B.Sc. (Lond.); M.Sc. (Wales)

Scientific Officers

Mrs. S.P. Prelis B.Sc. Hons (Cey.)
Mrs. C.M. Fernando B.Sc. Hons (Cey.); Dip. Stat (Cey.);
Dip. Demography (Cardiff)

Mrs. N.R. Amarasuriya B.Sc. Hons (Cey.); A.L.A. (Lond.)
K.S.S. Liyanage B.Sc. Hons (Cey.) Overseas training
D.P. Athulathmudali B.Sc. Hons (Cey.)
Miss M.A.S. Fernando B.Sc. Hons (Cey.)

Administrative Secretary

A.L. de Alwis B.Sc. (Econ) Lond.

Accountants

Mrs. C. Jayamanne
Miss N.P.M.M. Senanayake
Miss N.S. Uduwela

Staff Assistants (Technical)

Miss H.K. Seneviratne B.Dev. Hons(Cey.) resigned 1.7.82
Mrs. D. Weeraratne B.Sc. (Cey.) resigned 1.7.82
Mrs. V. Galapitage B.Sc. (Cey.)
Mr. J.W. Chandrasekara B.Sc. (Cey.) Dip. Stat. (Cey.)
Mrs. M.N. de Silva B.Sc.(Cey.) resigned 1.5.82
Mrs. J.D. Athputarajah B.Sc. (Cey.)
Mrs. B. Sachithanathan B.Sc. Hons.(Cey.)
Miss G.M. Anthonypillai B.Sc. (Cey.) M.Phil (Cey.)
Mr. J.A. Chandrasiri B.Sc. Hons. (Cey.) appointed 1.9.82
Mr. M.A.N. Gunaratne B.Sc. Hons. (Cey.) appointed 9.9.82
Miss J.D.S. Dela B.Sc. (Cey.) appointed 1.10.82

Senior Librarian

N.U. Yapa B.Sc. (Cey.); A.L.A. (Lond.)

Documentalists

Miss. M.A.H. Perera B.A. (Cey.) resigned 1.4.82

Mrs. N.P. Wanasundara B.A. Hons. (Cey.) A.L.A. (Lond.)

Mrs. N.S. Fernando B.A. (Cey.) resigned 1.7.82

Miss S.M. Jayasuriya

Miss. I.R. de Silva (appointed 16.9.82)

Mrs. S.R. Sri Namuni (appointed 16.9.82)

Graduate Translator

Mrs. S.L. Tilakaratne B.A. (Cey.)

REVIEW OF ACTIVITIES OF THE NATURAL RESOURCES, ENERGY & SCIENCE
AUTHORITY OF SRI LANKA (NARESA) FOR THE YEAR 1982

1.0 Activities of the Council

- 1.1 The Natural Resources, Energy and Science Authority (NARESA) was established in June 1982 with the ratification of the Natural Resources, Energy and Science Authority of Sri Lanka Act No. 78 of 1981 in June 1982. The new Authority replaced the National Science Council of Sri Lanka, and began to function under the office of His Excellency the President. The main functions of the new Authority are to advise the Government and to study and report on matters of national importance pertaining to Natural Resources, Energy and Science, and to promote research and development activities in these areas. A number of Statutory Working Committees have been established to cover the areas of Natural Resources, Energy and the various scientific disciplines.
- 1.2 Between January and May the former Council met on five occasions and thereafter the newly established Authority held 7 meetings between June and December 1982.

2.0 Activities of the Statutory Working Committees

The six Statutory Working Committees and six specialist panels which functioned under the former National Science Council were disbanded in June 1982, and in their place new Statutory Working Committees were established for the following areas Chemical Sciences, Biological Sciences, Engineering and Physical Sciences, Agriculture and Animal Husbandry, Medical and Veterinary Sciences, Social Sciences, Natural Resources, Energy, Science Education Research and Scientific and Technical Information. The result of these changes was the re-structuring of the former specialists panels as Statutory Working Committees with two additional Committees taking over the subjects energy and natural resources, and discontinuation of the former Research Grants Board. The work of the new Statutory Working Committees are summarised in paras 2.1 to 2.10.

2.1 Committee on Science Education Research (SERC)

2.1.1 Meeting

Six meetings were held during this period.

2.1.2 Follow up action on Workshop held in December 1980

A group meeting for the participants of the Workshop on "Science Education Research Methodology and Report Writing", was conducted by Prof. Basnayake, Hony. Director, SERC at NARESA on 2nd October, 1982. The data collected by the grantees were examined and the methods of presenting the data for the final report was discussed.

2.1.3 Science Education Publication

The second issue of the Journal on Science Investigation is with the printers (see paragraph 7.6). Seven copies of the supplementary reading material series were published. Two more are with the printers. (see paragraph 7.7)

2.1.4 Research Grants for Science Education

2 grants were awarded during this period.

2.1.5. Salaries of Graduate Science Teachers

A report on the "Salaries of Graduate Science Teachers", prepared by the Working Committee was submitted to the Salaries Review Commission of the Education Ministry appointed by the Hon. Minister of Education for its consideration.

2.2 Committee on Scientific and Technical Information

2.2.1 Committee was established in June 1982 and held 2 meetings.

2.2.2 Committee decided to also serve as the Sri Lanka National UNISIST Committee.

2.2.3 The proposal that NARESA should become the national member of International Federation for Documentation (FID) was discussed.

2.3 Committee on Social Science Research

2.3.1 Meetings

Eight meetings were held during this period.

2.3.2 Visit of Executive Secretary IFSSO

Miss Jette Fredenborg, Executive Secretary of the IFSSO visited Natural Resources, Energy and Science Authority and met the Working Committee. Among other matters discussed, she expressed her wish to receive information on the activities of the SSRC for publication in the IFSSO Newsletter.

2.3.3 Research Grants for Social Sciences

The position of research grants in Social Sciences, during 1982 is as follows :-

Number of grants awarded in 1982	-	26
Total number of grants functioned in 1982	-	89
Number of grants completed	-	25
Number of grants terminated	-	36
Number of grants on-going	-	28

2.3.4 Report on Social Science Research Methodology

The final edited manuscript of the seminar report on Social Science Research Methodology has been sent to the press for printing.

2.3.5 Research Grant Applications for 1983

25 applications were received and 19 approved by the Authority for 1983.

2.4 Committee on Agriculture and Animal Husbandry

2.4.1 Meetings

Three meetings were held during this year to review the progress of projects and to evaluate applications received for grants in 1983.

2.4.2 Research Grants for Agriculture and Animal Husbandry

Number of grants awarded in 1982	-	04
Total number of grants functioned in 1982	-	25
Number of grants completed	-	09
Number of grants terminated	-	03
Number of on-going grants	-	13

2.4.3 Research Grant Applications for 1983

15 applications were received and 8 were approved by the Authority for 1983.

2.5 Committee on Biological Sciences

2.5.1 Meetings

Three meetings were held during the year 1982 to review the progress of projects and to evaluate applications received for grants in 1983.

2.5.2 Research Grants for Biological Sciences

Position of research grants during 1982 is as follows.

Number of grants awarded in 1982	-	12
Total Number of grants functioned in 1982	-	37
Number of grants completed	-	10
Number of grants terminated	-	01
Number of on-going grants	-	26

2.5.3 Research Grant Applications for 1983

14 applications were received and these were approved by the Authority for 1983.

2.6 Committee on Chemical Sciences

2.6.1 Meetings

Three meetings were held during this period.

2.6.2 Research Grants for Chemical Sciences

Position of research grants during 1982 is as follows.

Number of grants awarded in 1982	-	09
Total Number of grants functioned in 1982	-	44
Number of grants completed	-	09
Number of grants terminated	-	08
Number of on-going grants	-	27

2.6.3 Research Grant Applications for 1983

12 applications were received and 10 were approved by the Authority.

2.7 Committee on Medical and Veterinary Sciences

2.7.1 Meetings

Two meetings were held during this period.

2.7.2 Research Grants for Medical and Veterinary Sciences

Position of research grants during 1982 is as follows.

Number of grants awarded in 1982	-	09
Total Number of grants functioned in 1982	-	52
Number of grants completed	-	15
Number of grants terminated	-	13
Number of on-going grants	-	24

2.7.3 Research Grant Applications for 1983

24 applications were received and 14 were approved by the Authority for 1983.

2.8 Committee on Physical and Engineering Sciences

2.8.1 Meetings

Two meetings were held during the year 1982.

2.8.2 Research Grants for Physical and Engineering Sciences

Number of grants awarded in 1982	-	02
Total Number of grants functioned in 1982	-	08
Number of grants completed	-	02
Number of grants terminated	-	02
Number of on-going grants	-	04

2.8.3 Research Grant Applications for 1983

4 applications were received but none were approved by the Authority for 1983.

2.9 Working Committee on Natural Resources

This is one of the new Working Committees established by the Authority. The broad objective of the Working Committee is to advise the Authority on matters pertaining to the management, conservation and utilization of natural resources of the country.

2.9.1 Programme initiated by the Committee

The following programmes were initiated by the Committee.

- i. To assess the situation in regard to national resources management, the relevant government institutions, including the Government Agents, were requested to report to the Authority on their plans and programmes that affect natural resources within their areas of authority. These reports were studied by the Working Committee.
- ii. Preparation of a national conservation strategy for the natural resources of the country in conformity with the world conservation strategy.
- iii. To commission the writing of memoirs on the following topics in relation to Sri Lanka.
 - a. Climate
 - b. Population
 - c. Physical features, geology and mineral resources
 - d. Soils, land resources and land utilization
 - e. Water resources
- iv. To prepare manuscripts on the natural resources of the country in relation to economic importance.

2.9.2 Hand-book of the Flora of Sri Lanka

The Committee examined the possibility of providing support for the continuation of the Flora of Sri Lanka project, for producing a Revised Hand-book of the Flora of Sri Lanka.

2.10 Committee on Energy

2.10.1 Research and Development Work

The Working Committee decided to focus its attention, in the initial stages, on constraints in regard to research activities in the field of energy and in the commercialization of technologies that have been developed. The Committee decided to leave the macroplanning aspects of energy to the Ministry of Power and Energy.

2.10.2 Compendium on Energy related Projects

Natural Resources Energy and Science Authority published a Compendium of Energy-related Projects carried out in all the R and D institutions in the country.

2.10.3 Report on Energy from Agro-products

On a request made by the Cabinet Sub-Committee on Economic Development to examine and report on a proposal made by the Ministry of Agricultural Development Research for the production of energy from agro-products, NARESA studied and submitted a report to cabinet Sub-Committee. This report was accepted by the cabinet Sub-Committee and NARESA was requested to co-ordinate activities on the projects covered by the report.

3.0 Other Committees and Study Groups

3.1 Committee of Inquiry on Atomic Energy

The Committee of Inquiry on the Proposal to use Atomic Energy for the Generation of Electric Power in Sri Lanka completed its report. Copies of the report were handed over to His Excellency The President and to the Hon. Minister of Industries and Scientific Affairs.

3.2 National Committee on Man and Biosphere Research Programme

3.2.1 Meetings

The MAB Committee met six times during the year 1982.

3.2.2 Completed Projects

Following projects have been completed

- i. Socio economic studies in Mahaweli
- ii. Monitoring of the biotic environment in the Mahaweli
- iii. Sinharaja forest studies
- iv. Ecology of a Montane forest

3.2.3 Publications

Two hand books and a check list were published
(see paragraph 7.10)

3.2.4 Visit of Dr. Payne

In January 1982 Dr. Payne, Forest Economist attached to the MAB Secretariat, UNESCO met the MAB National Committee in Sri Lanka

3.2.5 International Activities

A set of 36 multicoloured posters with English scripts were received by the MAB from UNESCO, Paris. Two blank sets of the same were also received to be used to prepare the Sinhala and the Tamil Scripts.

4.0 Foreign Grants for research

4.1 SAREC Grants

The Swedish Agency for Research Co-operation in Developing Countries (SAREC) continued to provide financial support for research in Sri Lanka. From 1977 to 1982, SAREC has provided a sum of Rs. 8.1 million for six scientific programmes. In November 1982 a four member team from SAREC led by its Director-General Mr. Lars Annel spent a week in Sri Lanka discussing future research co-operation between Sri Lanka and Sweden. On the invitation by SAREC the Authority agreed to function as the focal point in Sri Lanka for research co-operation with SAREC. Following this decision, arrangements were made to sign a formal agreement between the Department of External Resources and the Swedish International Development Agency (SIDA) on behalf of the Governments of Sri Lanka and Sweden respectively.

During 1982-85, SAREC has agreed to support the research programme on Water Buffalo, for which it has committed to provide a total of 3 million Swedish Kroner. SAREC has also tentatively agreed to support other research grants recommended by the Authority, for which applications will be invited in early 1983.

4.2 USAID's Programme in Science and Technology

The Authority invited preproposals from scientists for award of grants by USAID. After a preliminary screening applications were recommended by the Authority for consideration by USAID.

5.0 SLSTIC and Library Services

5.1 SLSTIC (Sri Lanka Scientific and Technical Information Centre)

Two joint UNESCO-UNDP-NARESA review meetings were held during the year to discuss the purchase of new equipment and utilization of balance funds. A sum of US \$ 11,000 was available for this purpose.

Mr. J.D. O'lier, Unesco consultant was in Sri Lanka for one month on the UNDP Project. His mission was to discuss with information specialists and evaluate the performance of this project.

5.2 Services

5.2.1 National Scientific Reports Depository

300 reports were added to the reports depository making the total number of reports (local and foreign) 3036.

5.2.2 Union Catalogue of S and T Books (UNICAST)

Information about 649 books were added in to the UNICAST. 31 libraries participated in this project.

5.2.3 Union List of Scientific and Technical Periodicals

Compilation of a supplement to update the UNILIST was completed and handed over for printing.

5.2.4 Environmental Information Service (EIS)

Current awareness bulletins were sent to EIS users.
(current contents Vol. 4, nos. 1, 2, 3, 4)

It was decided to discontinue EIS Services with effect from December 1982 due to financial constraints. Arrangements have been made with the Central Environmental Authority to continue subscriptions to major periodical titles on the Environmental Sciences.

5.2.5 Renewable Energy Resources Information Service (RERIS)

Following information packages were distributed

Current contents Energy Vol. 2 No. 3 and 4

RERIS fuelwood informative package

RERIS forthcoming Conferences

Work on the on-going literature searches were continued.

Information packages were requested from CRRERIS.
Initiated search on "Household Energy Consumption in rural areas".
Contents pages of Energy Periodicals were received from RERINET libraries for the compilation of Current Contents: Energy.

5.2.6 Inter - Library Loan Services

148 requests for inter-library loans were handled.

5.2.7 Photocopying Services

42,169 photocopies were taken during the year 1982.
Rs. 3,750.00 was earned by supplying photocopies on personal requests.

When original was not available SLSTIC forwarded photocopy requests to local or foreign sources. During this year 36 and 32 requests were satisfied through local and foreign suppliers respectively. Cost of procurement was Rs. 2103.25

5.2.8 National Technical Information Service (NTIS) Reports Procurement

66 reports were procured at a cost of Rs. 15,140.
Distribution of NTIS/SDI information packages were continued.
AMTID copies were sent to regular customers recommending appropriate reports. A sum of \$ 500 was allocated for promotional programmes.

5.2.9 Printing Services

204 requests for off-set printing were carried out during the period. The total number of impressions taken was 431,505.
The major printing jobs executed included the following.

UNICAST Vol. 3, no. 3.

Socio-economic Survey of block 306.

Current Contents:Energy Vol. 2, no. 3

SERC Workshop report

Current Contents:Environment Vol. 4 nos. 1 and 2

Sri Lanka Science Index Vol. 4 nos. 3 and 4

Audit Report for 1981.

"Diploma in Library Science Course" hand-book

Annual Report 1981.

Basic statistics on Higher Education in Sri Lanka.

5.2.10 Binding

1838 items were bound during this period.

5.2.11 Audio - visuals

Audio-visual service was provided for the pesticide seminar and for the UNDP workshop organized by NARESA. The equipment was hired to Industrial Development Board, National Library Services Board and Institute of Indigenous Medicine. Rs. 4,180/= was recovered as hire charges.

5.2.12 Micro-filming

A procedure for carrying out the micro-filming of documents was formulated. Conversion of the NSC journal into microfiche was commenced.

5.2.13 Computer

The Computer system was installed and commissioned in December 1982. Systems analysis for the Union Catalogue of Books was commenced.

5.3 Co-ordination

5.3.1 Sri Lanka Scientific and Technical Information Network (SLSTINET)

One meeting was held. Co-operative Acquisition of Abstracting and Indexing Journals (CAPI) was discussed. Action was initiated to compile a directory of libraries in the SLSTINET. Action was also taken to initiate an Industrial Information Network within SLSTINET to promote sharing and exchange of resources among the Industrial and Technical libraries.

5.3.2 Agricultural Information Network (AGRINET)

3 meetings were held during this year at Postgraduate Institute, Peradeniya, Coconut Research Institute, Lunuwila and at Tea Research Institute, Talawakela. Amendments to the Selective Dissemination of contents page service (SDCP), AGRIS service and the Contents Page Dissemination service were discussed.

5.3.3. Renewable Energy Information Network (RERINET)

One meeting was held during the year 1982. The main item discussed was the joint project for the compilation of Current Contents : Energy.

5.3.4 Health Science Library Network

Two meetings were held and the following were discussed - compilation of a directory of Health Science Libraries, compilation of a Union list of current periodicals on medical science, the information and documentation facilities available to the research workers through HELLIS/WHO.

5.3.5 Centre for Development Information

SLSTIC participated in the meeting organized by the CDI on 20th June 1982 mainly to review the Union Catalogue of Economic and Social Development (UNIDEV).

5.4 Educational Programme

5.4.1 In-service Training

5.4.1.1 A research officer attached to the State Gem Corporation underwent an in-service training programme at SLSTIC from 19th to 29th January, 1982.

5.4.1.2 A librarian from Nepal under went a special training programme at SLSTIC on 18th and 19th February, 1982.

5.4.1.3 A group of public librarians attached to local Government Authorities participated in a special programme on audio visuals and reprographic equipment on 5th March, 1982.

5.4.1.4 3 batches of the first year students in librarianship and information science of the Sri Lanka Library Association followed in-service training programme at SLSTIC.

5.4.2 Exhibition

SLSTIC organized a stall to display NSC publications at the 10th anniversary exhibition of the ARTI.

6.0 Awards for Scientific Achievements

6.1 National Awards for Scientific Achievement (NASA) 1982

The National Science Council established Awards for Scientific Achievements for the first time in 1982.

The President's Award for scientific achievement consisting of a cash prize and certificates was presented to the team of 5 scientists of the Central Rice Breeding Station, Batalagoda for their work in connection with the development of BG varieties of rice which made a very significant contribution to increase the rice production in the country. The team was led by Dr. H. Weeraratne and included Dr. D. Senadira, M.P. Dhanapala, C. Kudagamage and C.A. Sandanayake.

The National Science Council Award consisting of a cash prize and certificates was presented to Prof. S.N. Arseculeratne of Peradeniya University, Dr. S. Gnanalingam of the CISIR, Mr. M. Nadarajah formerly of Rubber Research Institute, Dr. O.S. Peries of Rubber Research Institute and Dr. C.R. Panabokke of Department of Agriculture who have distinguished themselves in research work in the areas of liver diseases, Ionospheric research, Rubber Technology, Rubber Research and in developing a land classification for agriculture, respectively.

6.2 Award of US \$ 200 for the best original article published in the Sri Lanka Journal of Social Sciences

A sum of US \$ 200 was presented by Mr. James R. Brady Assistant Director, US Agency for International Development of the US Embassy in Sri Lanka, for the best original article published in the journal of Social Sciences.

The Working Committee on Social Science Research decided to award Rs. 1000/= each from the proceeds of this grant for the best article appearing in the Sri Lanka Journal of Social Sciences Vol. 1-3, nos. 1 and 2 and volume 4, nos. 1 and 2.

The following articles were recommended for the award of prizes.

"The reception of evidence of opinion: A reappraisal of Traditional attitudes" by Prof. G.L. Peiris (Volume 1-3)

"Bilingualism among Tamils in Sri Lanka" by Mr. S.V. Kasynathan and Mrs. N. Somasundaram (Vol. 4)

6.3 Guinness Awards

Recommendations of the Natural Resources, Energy and Science Authority were forwarded to the Guinness Awards Committee in London.

7.0 Publications

7.1 Journal of the National Science Council of Sri Lanka

Vol 9, No. 1 (June 1981) and Vol. 9 No. 2 (December 1981) were published.

Vol. 10, No. 1 (June 1982) was handed over to Katubedda Press for printing.

41 scripts were received during 1982 for publication.

7.2 Vidurava

7.2.1 English

Vol. 4, No. 4 (New Renewable Sources of Energy)

Vol. 5, No. 1 (Research in the Plantation Sector)

Vol. 5, No. 2 (Research in the Sri Lankan Universities) and

Vol. 6, No. 1 (Chemistry, Industry and the Citizen) were completed

Vol. 6, No. 2 - "MAB Programme" was handed over for printing.

7.2.2 Sinhala

Vol. 5, No. 1 (Research in the plantation sector) was with the press.

7.2.3 Tamil

Vol. 4, Nos. 2 and 3 (Harnessing of Sri Lanka's Natural Resources) was with the press for printing.

7.3 Medicinal plants used in Sri Lanka

Medicinal plants used in Ceylon by D.M. Jayaweera was planned to be published in 5 parts. Part 2 was published in 1980 while parts 1 and 3 were published in 1981. Part 4 was published during 1982 and part 5 is still with the press.

7.4 SLSTIC Publications

The following SLSTIC Publications were issued in 1982.

UNICAST Vol. 3, No. 3

Current Contents : Energy Vol. 2, Nos. 3 and 4

Current Contents : Environment Vol. 4, Nos. 1, 2, 3, and 4

Sri Lanka Science Index Vol. 4 Nos. 2, 3 and 4

Bibliography of Mahaweli

7.5 SLSTINET Newsletter

SLSTIC inaugurated a bi-monthly news letter to facilitate co-ordination of activities in the network of libraries.

5 issues of the Newsletter were published in 1982.

7.6 Journal of Science Investigation

Printing of the volume 2 of Journal of Science Investigation was in progress.

7.7 Supplementary Reading Materials on Science topics

7.7.1 The following manuscripts were published during the year

No. 3 - Deterioration of Wood and it's Preservation

No. 4 - Food Spoilage and Food Preservation in Sri Lanka

No. 5 - Use of Fertilizers and Manures in Sri Lanka

No. 6 - Physiology of clothing

No. 7 - Chemistry of Spices

No. 8 - Tetanus

No. 9 - House-wiring

7.7.2 Two manuscripts are with the printers.

7.8 Sri Lanka Journal of Social Sciences

Vol. 4, No. 1 and Vol. 4, No. 2 of the journals were published and distributed during the year 1982. Printing of Vol. 5, No. 1 was in progress.

7.9 Bibliography on Rubber Research in Sri Lanka

A Bibliography on Rubber Research in Sri Lanka by Mr. N.A.W.A.T. Alwis was completed on a NSC grant under Social Sciences and was published.

7.10 Man and the Biosphere Publications

Under the MAB programme the following reports were published.

A hand-book to the soil fungi of Sri Lanka.

A check lists of mammals of Sri Lanka.

A hand-book to the families of the flowering plants of Sri Lanka-Part I

8.0 Seminars, Conferences etc.,

8.1 Seminar on Sources of Scientific Information

The above seminar was held under SLSTIC Education and Training Programmes (STEP-9) at the ARTI lecture room on 15th February, 1982. Research Grantees and Research Assistants participated in this seminar.

8.2 Workshop on Resistance to Insecticides used in Public Health and Agriculture

An International Workshop on "Resistance to Insecticides used in Public Health and Agriculture" was organized by National Science Council with the assistance of the Ministry of Health and the Department of Agriculture, Sri Lanka and co-sponsored by the Food and Agriculture Organization (FAO), World Health Organization (WHO), Centre of Overseas Pest Research (COPR), London and the Australian Development Assistance Bureau. Workshop was held at the Auditorium of Sri Lanka Foundation Institute from the 22nd to the 26th February 1982. A number of scientists as well as foreign delegates participated in this workshop.

The proceedings of the work shop are being edited for publication.

8.3 Workshop on Index Medicus

A Workshop on Index Medicus (step 17) was held at Natural Resources, Energy and Science Authority on 12th March 1982, at the request of the Health Science Library Network. 11 Medical librarians participated in the Workshop.

8.4 National Workshop on Library and Information Science

A Workshop on "Library and Information Science" (STEP 16) was held from 31st May to 30th June 1982, at the ARTI lecture room and SLAAS Auditorium:

25 participants from 20 libraries attended the workshop. The course was organized into 60 lecture modules in 15 working days. Lectures were conducted by a panel of 18 lecturers.

8.5 Workshop on Research and Development Activities in Relation to the Aquatic Resources of Sri Lanka

A Workshop on "Research and Development Activities in Relation to the Aquatic Resources of Sri Lanka", was held in July 1982, at the NARESA Auditorium. This Workshop was jointly organised by the National Aquatic Resources Agency and the Natural Resources, Energy and Science Authority.

8.6 Operation of Plain Paper Copier - STEP 18

This was held at NARESA Board room on 13th August 1982 to educate the operators of the plain paper copiers, especially those who operate the copiers provided under the SLSTIC project, in maintenance and operation of plain paper copiers. 20 persons participated.

8.7 Workshop on Science Citation Index

The workshop on Science Citation Index (STEP 19) was held at NARESA Board Room on 27th August 1982. Research Personnel, Research Assistants, Library Personnel and Staff Members of NARESA participated in this workshop.

8.8 Seminar on Energy Information

A seminar on "Energy Information" (STEP 20) was organized on 10th September 1982 at the NARESA Auditorium. 35 persons including CRRERIS members participated in this seminar.

8.9 NTIS User Seminar

The NTIS User Seminar was held at CISIR Auditorium on 9th November 1982. The programme included lectures, video/tape slide shows, display of NTIS publication and demonstration of NTIS microfiche index.

9.0 International Collaboration

9.1 Commonwealth Science Council

- 9.1.1 The Council and later the Authority continued to provide regional co-ordination for the Commonwealth Science Councils Asia/Pacific programme on Rural Technology. The fifth meeting of the steering committee on this programme met in Bangalore in May 1982.
- 9.1.2 The following were nominated by the Council/Authority to attend training workshop and seminars sponsored by CSC under different inter-country projects on rural technology.
- a. Dr. S.A. Gunasekera, University of Kelaniya was nominated to attend the Regional Workshop on Biological control in Bangalore from 3-5 May 1982.
 - b. A three member team from the NERD Centre attended the Regional Training course on Design Manufacture and Testing of Small Engines in Durgapur, India, from 22 November to 4 December 1982.
- 9.1.3 The 12th Meeting of the Commonwealth Science Council was held in Kuala Lumpur, Malaysia from 24-31 August 1982. Mr. M.A.T. de Silva represented the Director-General at this meeting.

9.2 Indo-Sri Lanka Agreement

The Authority continued to co-ordinate activities relating to Indo-Sri Lanka Agreement on co-operation in Science and Technology.

A request was made by the Authority to convene a meeting between the co-ordinating centres to discuss a work plan, and also to study constraints in implementing the Agreement.

The CISIR submitted a report on the visit of two Indian scientists to CISIR under the Agreement. Possible areas for collaboration between CISIR/NRDC (India) and the CISIR (Sri Lanka) were discussed in their report.

Action was taken to arrange for Mr. K.S. Sharma from the National Physical Laboratory of India to assist the Measurements Standards Division of the Department of Internal Trade to install and commission laboratory equipment sent from India.

10.0 Lectures

10.1 Mr. N.U. Yapa delivered several lectures on library Sciences and information networks at seminars and training workshops.

11.0 Nominations for Seminars, Conferences, Training Courses, etc.,

11.1 Mr. S.R.U. de Silva followed a special training programme on reprography at West Germany, United Kingdom and Singapore from 17th March to 24th May, 1982. He was granted a UNESCO Fellowship under the UNDP Project No. 77004.

11.2 Miss I.R. de Silva, Documentalist, NARESA participated in an International Workshop on "Creation and Management of Small Scale Data Bases", conducted by the Australian National Library in Canberra 19 April to 1st May, 1982.

11.3 Dr. S.G. Ilangantileke, Faculty of Agriculture, University of Peradeniya, a MAB grantee working on the project Climate and Hydrology in the Mahaweli area attended a workshop on "Water Shed Resources", held in Manila during April 1982.

11.4 Dr. H.N.S. Karunatilake and Prof. B.L. Panditharatne, members of the Statutory Working Committee on Social Sciences visited the ICSSR, New Delhi to study its organization and scope of its activities. A report was submitted on the visit and the feasibility of setting up such a Social Science Research Council in Sri Lanka.

11.5 Mr. M.A.T. de Silva attended the 5th meeting of the steering Committee on Commonwealth Science Council's Rural Technology programme in Bangalore from 7 to 8 May 1982.

11.6 Dr. R.P. Jayewardene, Director-General NARESA participated in the eighth Session of SEA/ACMR, held in Kathmandu, Nepal, from 24 to 28 May, 1982.

11.7 Dr. R.P. Jayewardene, Director-General, NARESA attended the WHO Working Group meeting on "Implication for Member Countries of the Varying Emphasis given to various type of research including Basic Research and Training in Research management" held in Bali, Indonesia, from 9 to 13 August, 1982.

11. 11.8 The 12th Council meeting of the CSC was held in Kuala Lumpur, Malaysia from 24-31 August, 1982. Mr. M.A.T. de Silva represented the Director-General at this meeting .
- 11.9 Mrs. N.P. Wanasundera, Documentalist, NARESA attended the Unesco Regional Seminar on "Information User Orientation" conducted by the University of Phillipines from 2 to 11 November, 1982.
- 11.10 Mr. N.U. Yapa, Director Information, NARESA participated at the 5th NTIS Regional Meeting, held in Singapore from 15 to 19 November, 1982.
- 11.11 Mr. L.C.A. de S..Wijesinghe, Deputy Director General, NARESA was nominated by the Ministry of Foreign Affairs to attend the meeting of the South Asian Regional Co-operation (SARC) Working Group on Science and Technology, held in Islamabad, Pakistan, from 22 to 24 November, 1982. The meeting decided to draw up a Regional Directory of S and T Institution and projects to serve as the basis of establishing collaborative links between the countries.
- 11.12 Dr. R.P. Jayewardene, Director-General, NARESA participated in the WHO Medical Research Meeting, on "Analogous Bodies and Concerned Research Foci in the Relevant Ministries", held in Thailand from 13 to 18 December, 1982.

12.0 Administration

- 12.1 The construction work in respect of the additions and alterations to the Existing Building was completed. The Authority is now equipped with a Conference Hall, the absence of which was felt when organising Seminars and Workshops.
- 12.2 The permanent staff at the end of the period under review totalled 88.
- 12.3 The number of casual employees who worked on Research Grants under the supervision of Grantees and whose allowances were paid by the Authority as at the end of 1982 was 70.

APPENDIX - I

THE STATUS OF AGRICULTURE & ANIMAL HUSBANDRY RESEARCH GRANTS DURING 1982

Year of Award	Proposed Duration	No. of Grants in operation during 1982	Status during 1982		
			Completed	Terminated	On-going
1975	1 yr.	1	-	1	-
	2 yrs.	1	-	1	-
	3 yrs.	-	-	-	-
1976	1 yr.	-	-	-	-
	2 yrs.	-	-	-	-
	3 yrs.	1	1	-	-
1978	1 yr.	-	-	-	-
	2 yrs.	1	-	1	-
	3 yrs.	2	1	-	1
1979	1 yr.	-	-	-	-
	2 yrs.	-	-	-	-
	3 yrs.	5	3	-	2
1980	1 yr.	-	-	-	-
	2 yrs.	1	-	-	1
	3 yrs.	1	-	-	1
1981	1 yr.	4	3	-	1
	2 yrs.	4	1	-	2
	3 yrs.	-	-	-	-
1982	1 yr.	2	-	-	2
	2 yrs.	1	-	-	1
	3 yrs.	1	-	-	1

RESEARCH GRANTS PROGRESS DURING 1982

Agriculture & Animal Husbandry

Ref. No:	Name and Institution	Title	Funds	Duration	Status during 1982
RG/75/4	Dr A.S.B. Rajaguru Dept. of Animal Husbandry University of Peradeniya.	Study of less known agricultural and natural products for animal feeding	Rs.78050/-	2 years	Terminated.
RG/75/5	Dr A.S.B. Rajaguru Dept. of Animal Husbandry University of Peradeniya.	Possibilities of utilizing leaf meals in pig and poultry feeding.	Rs.10600/-	1 year	Terminated.
RG/76/1	Dr H.M.W. Herath Dept. of Agricultural Biology University of Peradeniya.	Introduction and evaluation of <u>Psophocarpus tetragonolobus</u> varieties.	Rs.56100/- Additional Rs. 8125/- Rs.23698/-	3 years	Completed.
RG/78/2	Dr R.H.G. Clements Faculty of Agriculture University of Peradeniya.	Fertilizer studies on Soyabeans.	Rs.31680/-	2 years	Completed.
RG/78/4	Dr A.S.B. Rajaguru Dept. of Animal Husbandry University of Peradeniya.	Identification preservation and utilisation of lesser-known feeds and fodders of the dry zone.	Rs.81792/-	3 years	Terminated.
RG/78/6	Dr M.R. Thiagarajah Dept. of Agricultural Biology University of Peradeniya.	Effects of moisture stress on photosynthesis and nitrogen fixation in cowpea and winged bean cultivars.	Rs.65060/-	3 years	On-going.
RG/79/1	Dr R. Rajamahendran Dept. of Animal Husbandry University of Peradeniya.	Reproductive physiology of local swamp buffalo.	Rs.150717.50	3 years	Completed.

Ref. No:	Name and Institution	Title	Funds	Duration	Status of during 1982
RG/79/2	Prof. Y.D.A. Senanayake Faculty of Agriculture University of Peradeniya.	Studies on winged bean <u>pepohocarpus tetragonolobus.</u>	Rs.80040/-	3 years	On-going
RG/79/3	Dr S.N. de S.Seneviratne C.A.R.I. Gannoruwa.	Studies on Seed Borne pathogens.	Rs.58600/-	3 years	Completed.
RG/79/4	Dr L.A. Gunawardena Faculty of Agriculture University of Peradeniya.	Breeding for Beef in Sri Lanka.	Rs.98700/- Additional Rs.750/-	3 years	On-going
RG/79/34	Dr J.M.R.S. Bandara Dept. of Agricultural Buiology University of Peradeniya.	Biology and Control of bac- terial wilt disease of solo- naceous Vegetable crops grown in Sri Lanka.	Rs.29012/-	3 years	Completed.
RGB/80/1	Dr K.K. Pathirana Veterinary Research Institute Gannoruwa.	Utilization of rice straw as a ruminant feed stuff.	Rs.10551/-	2 years	On-going
RGB/80/59	Dr W.S. Alles Dept. of Minor Export Crops Matale.	Studies in the genus cinnamomum.	Rs.55380/-	3 years	On-going
RGB/81/1	Dr(Miss) S. Abeysekera Statistical Unit University of Colombo.	Analysis of climatic and crop data for agricultural purposes.	Rs.50052/-	1 year	Completed.
RGB/81/2	Dr V. Pavanasaivism Faculty of Agriculture University of Peradeniya. <u>In March 1982 transferred to Prof. M.W. Thenabadu Faculty of Agriculture University of Peradeniya.</u>	Indigenous Organic Residues as a source of S for plants.	Rs.72360/-	2 years	On-going.

Ref. No:	Name and Institution	Title	Funds	Duration	Status during 1982
RGB/81/3	Dr C.S. Weeraratne Faculty of Agriculture Ruhuna University College Matara.	Studies on nitrogen losses and control in wetland rice soils.	Rs.40260/-	2 years	On-going.
RGB/81/4	Mr Mahinda Wijeratne Dept. of Agric. Economics Ruhuna University College.	Methods of land preparation in paddy cultivation in the Kamburupitiya Area.	Rs.2000/-	1 year	On-going.
RGB/81/5	Dr S. Pinnaduwage Faculty of Agriculture University of Peradeniya.	Economic, Social and Institutional constraint to increase milk production in the Mamburupitiya area.	Rs.2000/-	1 year	Completed.
RGB/81/6	Dr C.S. Weeraratne Mr S.G.J.N. Senanayake Department of Agronomy Ruhuna University College.	Study of weed flora of Cinnamon (Cinnamomum verum) grown in the Southern region of Sri Lanka.	Rs.21760/-	2 years	Completed.
RGB/81/7	Miss N.P.U. de Silva Mr D.T. Ekanayake Royal Botanical Gardens Peradeniya.	Evaluation of some cultural aspects of Anthuriums, a promising cut flower for Sri Lanka.	Rs.58000/-	2 years	On-going.
RGB/81/8	Dr R.H.S. Rajapakse Dr C.S. Weeraratne Department of Agronomy Ruhuna University College.	Preliminary studies on life biology of insect pests of cinnamon (Cinnamomum verum) Zeylanicum.	Rs.18630/-	1 year	Completed.
RGB/82/1	Mrs C. Breckenridge C.A.R.I. Gannoruwa	Mycotoxins in rice and basic investigations of mycotoxins in vegetable oils.	Rs.48360/-	2 years	On-going.

Ref. No:	Name and Institution	Title	Funds	Duration	Status during 1982
RGB/82/2	Mr R. Senaratne Dr S.K. Charles Department of Agronomy Ruhuna University College.	Investigation on nodulation and nitrogen fixation by some cultivars of winged bean under water stressed conditions.	Rs.18250/-	1 year	On-going.
RGB/82/3	Dr S.N. de S. Seneviratne C.A.R.I. Gannoruwa.	Studies on seed borne pathogens of cultivated crops in Sri Lanka.	Rs.42780/-	3 years	On-going.
RGB/82/4	Mr R. Mathanakaran Department of Geography University of Jaffna.	Water resources development in the Jaffna Peninsula.	Rs.3000/-	1 year	On-going.

APPENDIX - II

THE STATUS OF BIOLOGICAL SCIENCES RESEARCH GRANTS DURING 1982

Year of Award	Proposed Duration	No. of Grants in operation during 1982	Completed	Status during 1982		On-going
				Terminated		
1972	1 yr.	-	-	-	-	-
	2 yrs.	-	-	-	-	-
	3 yrs.	1	-	-	-	-
1975	1 yr.	-	-	-	1	-
	2 yrs.	1	-	-	-	-
	3 yrs.	-	-	-	-	-
1977	1 yr.	-	-	-	-	-
	2 yrs.	-	-	-	-	-
	3 yrs.	2	-	-	-	-
1978	1 yr.	-	-	-	-	-
	2 yrs.	-	-	-	-	-
	3 yrs.	4	1	-	-	3
1979	1 yr.	1	1	-	-	-
	2 yrs.	2	2	-	-	-
	3 yrs.	3	1	-	-	2
1980	1 yr.	-	-	-	-	-
	2 yrs.	-	-	-	-	-
	3 yrs.	5	1	-	-	4
1981	1 yr.	-	-	-	-	-
	2 yrs.	4	1	-	-	3
	3 yrs.	2	-	-	-	2
1982	1 yr.	4	-	-	-	4
	2 yrs.	3	-	-	-	3
	3 yrs.	5	-	-	-	5

Biological Sciences

Ref. No:	Name and Institution	Title	Funds	Duration	Status during 1982
RG/72/30	Dr.K.Vivekanandan Forest Department Colombo 2.	"Vegetative propagation of species of <u>pinus</u> grown in Ceylon".	Rs: 15899/-	3 years	Completed.
RG/75/7	Prof. R.N.de Fonseka Dept. of Botany University of Colombo	"Microbiology of stored grain".	Rs: 32820/-	2 years	Terminated.
RG/77/10	Mr.S.W. Kotagama Dept. of Zoology University of Colombo	"Ecology of the avian pests on the paddy cultivation of Sri Lanka".	Rs: 42125/-	3 years	Completed.
RG/77/18	Dr.U.P.de S.Waidyanatha Rubber Research Institute Agalawatte.	"Forage grasses and legumes as intercrops in rubber".	Rs: 23400/-	3 years	Completed.
RG/78/7	Prof. H.H.Costa Department of Zoology University of Kelaniya Kelaniya.	"Limnology of Parakrama Samudra" joint project by the Vidyalandara Campus, University of Sri Lanka and University of Vienna, Austria".	Rs: 65103.75	3 years	On-going.
RG/78/8	Dr.K.S.Kumarasinghe Dept. of Botany Univ. of Peradeniya	"Search for varieties of rice with low rate of photorespiration & the possibility of inhibiting photorespiration in rice by chemical measures with a view to increase rice production".	Rs: 44055/-	3 years.	On-going.

Ref. No.	Name and Institution	Title	Funds	Duration	Status during 1982
RG/78/9	Dr.S.Ranaweera Dept. of Biological Sciences Univ. of Sri Jayawardenepura Nugegoda.	"A study of local plants in Sri Lanka to discover biologically active natural compounds against pests".	Rs. 40106/-	3 years.	On-going.
RG/78/11	Dr.(Mrs)P.K.de Silva Dept. of Zoology Univ. of Peradeniya Peradeniya.	"Limnological studies of Kandy Lake".	Rs. 29176.00	3 years.	Completed.
RG/79/6	Mr.K.Sachithanathan Dept. of Zoology University of Jaffna	"Biology of Holothurain Holothusia scabra".	Rs. 19790.00	1 year	Completed.
RG/79/7	Dr.J.Jinadasa Dept. of Biological Sciences Univ. of Sri Jayawardenepura Nugegoda.	"An attempt to farm penaeid prawns & ecological investigations incidental there to".	Rs. 88465.00	3 years.	On-going
RG/79/8	Dr.W.E. Ratnayake Dept. of Biological Sciences Univ. of Sri Jayawardenepura Nugegoda.	"Effect of mutagens (Chemical & physical agents) on the hatchability of eggs of the filariasis mosquito <u>Culex pipiens fatigans</u> ".	Rs. 64517.50	3 years.	On-going
RG/79/36	Dr.I.A.U.N.Cunatilake Dept. of Botany Univ. of Peradeniya Peradeniya.	"Vertical distribution estimation of biomass & determination of certain activities of the microbial flora in a tropical rain forest".	Rs. 36727.36	3 years.	Completed
RG/79/37	Prof.S.S.de Silva Dept. of Zoology Ruhuna University College Matara.	"The biology & behaviour of indigenous cyprinids of Sri Lanka".	Rs. 19300/-	2 years.	Completed.

Ref. No.	Name and Institution	Title	Funds	Duration	Status during 1982
RG/79/38	Prof.M.D. Dassanayake Dept. of Botany Univ. of Peradeniya Peradeniya.	"Survey of the flora and ecology of Hiniduma forest".	Rs. 21810/-	2 years.	Completed.
RGB/80/4	Dr.I.V.S. Fernando Dept. of Zoology Univ. of Kelaniya Kelaniya.	"An ecological study of the pests of some low country vegetables in Kelaniya".	Rs. 21875/-	3 years.	Completed.
RGB/80/5	Dr.W.E.Ratnayake Dept. of Biological Sciences Univ. of Sri Jayewardenepura Nugegoda.	"Isolation & study of visible genetic mutants of <u>Drosophila</u> <u>anannassae</u> the local species of <u>drosophilid</u> ".	Rs. 43090/-	3 years.	On-going.
RGB/80/7	Dr(Miss)J.P.Withanachchi Dept. of Biological Sci. Univ. of Sri Jayewardenepura Nugegoda.	"An investigation to evaluate the efficiency of <u>Evania appendigaster</u> L. (Hymenoptera, <u>Evanidae</u>) for the control of <u>Periplanata americana</u> -L- in Sri Lanka".	Rs. 43676/-	3 years.	On-going
RGB/80/52	Dr.S.A. Kulasooriya Dept. of Botany Univ. of Peradeniya	"Nitrogen fixation in blue green algae".	Rs.158235/-	3 years.	On-going
RGB/80/53	Dr.C.F. Rajendram Dept. of Zoology Univ. of Jaffna Jaffna.	"Study on biological control of the brown plant hopper <u>Nilaparvata lugens</u> (stal), including biology and ecology of insect parasites and predators of <u>N.lugens</u> ".	Rs. 49960/-	3 years.	On-going

Ref. No.	Name and Institution	Title	Funds	Duration	Status during 1982
RGB/81/9	Prof. K.D. Arudpragasam Dept. of Zoology Univ. of Colombo	"Investigations on cage culture of fish & availability of fry in Sri Lankan waters".	Rs. 24320/-	2 years.	On-going
RGB/81/10	Mrs.N.Selvarajah Dept. of Zoology University of Jaffna	"A limnological study of two ponds in the Jaffna Peninsula with special reference to mesofaunal ecology".	Rs. 13720/-	3 years.	On-going
RGB/81/11	Dr.K.Chitravadivelu Dept. of Zoology Univ. of Jaffna	"Biology & distribution of mullet (Mugil species) & rabbit fish (siganus species) in the Jaffna lagoon & adjoining areas".	Rs. 50960/-	3 years.	On-going
RGB/81/12	Mr.M.J.S. Wijeratne Prof. H.H. Costa Dept. of Zoology Univ. of Kelaniya	"Studies on the biology & fishery of mullet species (family-Mugilidae) in Negombo lagoon".	Rs. 26960/-	2 years.	On-going
RGB/81/13	Prof.K.Theivendirarajah Dept. of Botany Univ. of Jaffna	"Breeding studies on yard long bean (<i>Vigna sesquipedalis</i>), and Gingelly (<i>Sesamum indicum</i>)"	Rs. 41940/-	2 years.	On-going
RGB/81/70	Dr.N.Ishwaran Dr. .V.M. Shantiapillai Dept. of Zoology Univ. of Peradeniya	"Conservation of Sri Lankan elephant planning & management of the Wasgomuwa-Maduru Oya-Gal Oya complex of reserves".	Rs. 38400/-	2 years	Completed.
RGB/82/5	Prof.V.K. Ganesalingam Dept. of Zoology Univ. of Jaffna	"Ecology & Biology of <u>Holothuria scabra</u> ".	Rs. 20610/-	1 year	On-going

Ref. No:	Name and Institution	Title	Funds	Duration	Status during 1982
RGB/82/6	Prof.K.D. Arudpragasam Dept. of Zoology Univ. of Colombo	"Taxonomy & distribution of soft corals in Sri Lanka".	Rs: 28740/-	2 years	On-going
RGB/82/7	Dr.A.Sivapalan Department of Botany University of Jaffna Jaffna.	"Biology & control of downy mildew of grapes (<u>plasmopara viticola</u>)".	Rs: 18240/-	2 years.	On-going
RGB/82/8	Mr.M.J.S. Wijeratne Department of Zoology University of Kelaniya Kelaniya.	"Studies on the limnology & biology of fishes in Anamadawa wewa, a seasonal reservoir in Sri Lanka with special reference to production of <u>Tilapia mossambica & Etroplus suratensis</u> ".	Rs: 6330/-	1 year	On-going
RGB/82/10	Dr.J.I.Samarakoon Dept. of Zoology Univ. of Kelaniya Kelaniya.	"Experimental studies on competition for breeding territories by <u>Tilapia mossambica & Etroplus suratensis</u> ".	Rs. 12375/-	2 years.	On-going
RGB/82/11	Mr.W.L.E..Alwis Director Dept. of Wildlife Conservation, Dehiwela.	"Aspects of the ecology of Udawalawe National Park".	Rs. 20036/-	3 years.	On-going
RGB/82/12	Dr.H.C. Nandadasa Dept. of Biological Sciences Univ. of Sri Jayewardenepura Nugegoda.	"Microbial production of ethanol from cellulose".	Rs. 33960/-	3 years.	On-going

Ref. No.	Name and Institution	Title	Funds	Duration	Status during 1982
RGB/82/13	Dr.J.Jinadasa Dept. of Biological Sci., Univ. of Sri Jayewardenepura, Nugegoda.	"Productivity of the Balgoda lagoon".	Rs. 18390/-	3 years	On-going
RGB/82/14	Dr(Miss)J.P.Witanachchi Dept. of Biological Sci. Univ. of Sri Jayewardenepura, Nugegoda.	"Biology & control of the brinjal pod-borer <u>Leucinoides orbonalis</u> (Lepidoptera)	Rs. 8450/-	1 year	On-going
RGB/82/15	Prof.S.S.de Silva Dept. of Zoology Ruhunu Univ. College Matara.	"Study of some southern reservoirs in relation to their fishery potential".	Rs: 14300/-	3 years	On-going
RGB/82/62	Dr.W.E. Ratnayake Dept. of Biological Sci. Univ. of Sri Jayewardenepura, Nugegoda.	"To study the genetic properties of <u>Culex pipiens fatigans</u> Wiedmann (<u>C.quinquefasciatus say</u>) males for possible use in its control".	Rs. 75570/-	3 years.	On-going
RG/Misc./82/1	Prof.K.Theivendirarajah Dr.A.Sivapalan Dept. of Botany Univ. of Jaffna Jaffna.	Laboratory and field cultivation of some marine red algae".	Rs. 30000/-	1 year	On going

APPENDIX - III

THE STATUS OF CHEMICAL SCIENCES RESEARCH GRANTS DURING 1982

Year of award	Proposed Duration	No. of grants in operation during 1982	Status of Grants during 1982		
			Completed	Terminated	On-going
1975	1 yr.	-	-	-	-
	2 yrs.	-	-	-	-
	3 yrs.	1	-	1	-
1976	1 yr.	-	-	-	-
	2 yrs.	-	-	-	-
	3 yrs.	2	2	-	-
1977	1 yr.	-	-	-	-
	2 yrs.	1	-	-	1
	3 yrs.	5	3	1	1
1978	1 yr.	-	-	-	-
	2 yrs.	1	-	1	-
	3 yrs.	2	1	-	1
1979	1 yr.	1	-	1	-
	2 yrs.	1	1	-	-
	3 yrs.	5	-	-	5
1980	1 yr.	1	-	1	-
	2 yrs.	3	1	1	-
	3 yrs.	-	-	-	-
1981	1 yr.	1	1	-	-
	2 yrs.	5	-	1	4
	3 yrs.	6	-	2	4
1982	1 yr.	1	-	-	1
	2 yrs.	2	-	-	2
	3 yrs.	6	-	-	6

Chemical Sciences

Ref.No.	Name and Institution	Title	Funds	Duration	Status during 1982
RG/75/48	Dr.P.V.C. Pinnagoda Dept. of Labour Colombo 5.	"Pollutants".	Rs. 23400/-	3 years	Terminated.
RG/76/13	Dr.L.M.V.Tillekeratne Dept. of Chemistry Univ. of Colombo	"Study of locally available raw materials for their suitability in the perfumery industry".	Rs. 42225/-	3 years.	Completed
RG/76/14	Dr.(Mrs)L.S.R.Arambewela C.I.S.I.R. Colombo 7.	"Chemical and Pharmacological screening of medicinal plants".	Rs. 49800/-	3years	Completed. 2
RG/77/23	Dr.S.Hettiarachchi Dept. of Chemistry Univ. of Colombo	"Passivation and corrosion of mechanically damaged surfaces".	Rs. 45859/-	3 years.	On-going
RG/77/26	Dr.H.W. Dias Dr.W.Mallawaarachchi Dept. of Chemistry Univ. of Peradeniya Peradeniya.	"Chemical processing of monazite sand and the isolation of the more important oxides present".	Rs. 27020/-	2 years.	On-going
RG/77/27	Prof.M.U.S. Sultanbawa Dr.S.Balasubramaniam Dr.(Mrs)N.S. Kumar Dept. of Chemistry Univ. of Peradeniya	"Chemical studies on the sea weeds in Sri Lanka".	Rs.177500/-	3 years.	Completed

Ref. No:	Name and Institution	Title	Funds	Duration	Status during 1982
RG/77/30	Dr.K.Balasubramanium Fac. of Medicine Univ. of Colomb	"A study of surcrose phosphorylase".	Rs. 30524/-	3 years	Completed.
RG/77/31	Dr.E.H. Karunanayake Ayurvedic Research Inst. Nawinna, Maharagama.	"A study of selected medicinal plants and prepared Ayurvedic drugs".	Rs. 85710/-	3 years	Completed.
RG/77/33	Mr.M. Ponnambalam Dept. of Labour Colombo 5.	"Occupational and environmental exposure to lead in Sri Lanka".	Rs. 29268/-	3 years.	Terminated.
RG/78/12	Dr.S.G..Canagaratne Dept. of Chemistry Univ. of Peradeniya	"Electrochemical transformation of the essential oils of Sri Lanka".	Rs.182600/-	3 years	On going.
RG/78/13	Dr.H.D. Gunawardena Dept. of Chemistry Univ. of Colombo	"Studies on the separation of metal ions present in the minerals of Sri Lanka".	Rs. 35750/-	2 years	Terminated
RG/78/17	Dr.L.M.V. Tillekeratne Dept. of Chemistry Univ. of Colombo	"Molecular orbital calculation on electron systems".	Rs. 42000/-	3 years	Completed
RG/79/12	Dr.J.N.O.Fernando Dept. of Chemistry Univ. of Colombo	"Determination of absorption characteristics of molecular zeolite catalysts".	Rs.123700/-	3 years.	On going

Ref. No:	Name and Institution	Title	Funds	Duration	Status during 1982
RG/79/13	Dr.H.M.N.Bandara Dr.D.S. Jayasuriya Dept. of Chemistry Univ. of Peradeniya	"Study of physico-chemical properties of natural latices available in Sri Lanka".	Rs. 30776/-	1 year	Terminated.
RG/79/14	Dr.L.M.V.Tillekeratne Dr.A.A.L.Gunatilake Dept. of Chemistry Univ. of Solombo Univ. of Peradeniya	"Chemical investigation of marine fauna of Sri Lanka and testing of their constituents for antimicrobial and pharmacological activity".	Rs. 73200/-	3 years	On going
RG/79/17	Dr.E.R.Jansz Dr.U.M. Senanayake C.I.S.I.R Colombo 7.	"Studies on curing of Cocoa and Cocoa wastes".	Rs. 20800/-	2 years.	Completed.
RG/79/40	Dr.A. Coomaraswamy Rubber Research Inst. Ratmalana.	"Some aspects of modification of natural rubber".	Rs. 25200/-	3 years.	On going
RG/79/42	Dr.L.M.K.Tillekeratne Rubber Research Inst. Ratmalana.	"Depolymerised NR	Rs. 25200/-	3 years.	On going
RG/79/43	Dr.A.A.L.Sunatilleka Dept. of Chemistry Univ. of Peradeniya	"Chemical investigation of medicinal and related plants of Sri Lanka".	Rs. 82234/-	3 years.	On going.
RG/80/9	Dr.D.S.Jayasuriya Dr.H.M.N.Bandara Dept. of Chemistry Univ. of Peradeniya	"Study of physico-chemical properties of natural latices found in Sri Lanka and their potential modifications".	Rs. 54030/-	2 years	Terminated.

Ref. No:	Name and Institution	Title	Funds	Duration	Status during 1982
RGB/80/10	Dr.H.D. Gunawardena Dept. of Chemistry Univ. of Colombo Colombo	"Studies on the method of improving plastering properties of Dolomite and the methods of extraction of Magnesium from Dolomite".	Rs. 15720/-	1 year	Terminated.
RGB/80/11	Dr.M. Mahendran Dept. of Chemistry Univ. of Colombo Colombo.	"Chemical investigation of Sri-Lankan Marine Algae and Coelenterates".	Rs. 68040/-	2 years.	Completed.
RGB/80/12	Prof.K.T.D. de Silva Dr.A.Bamunuarachchi Dept. of Chemistry Univ. of Sri Jayawardenepura, Nugegoda.	"Studies on the flavour and colour yielding components of plant origin".	Rs. 54735/-	2 years.	On going
RGB/81/14	Dr.A.A.L. Gunatillake Dept. of Chemistry Univ. of Peradeniya	"Studies on Natural Hepatotoxins of Sri Lanka plants".	Rs. 88240/-	3 years	On going
RG/81/15	Dr.O.A. Illeperuma Dept. of Chemistry Univ. of Peradeniya	"Co-ordination chemistry of biologically important metal ions with naturally occurring ligands".	Rs. 48060/-	2 years	On going
RGB/81/16	Dr.L.B.de Silva Medical Research Insti. Colombo 8.	"Research on indigenous medicinal plants. (a) Phytochemical (b) Pharmacognostic (identification of medicinal plants) standardization and quality control of prepared drugs. (c) compilation of a comprehensive herbarium".	Rs.123160/-	2 years.	On going

Ref. No:	Name and Institution	Title	Funds	Duration	Status during 1982
RGB/81/18	Dr.V.Kumar Dept. of Chemistry Univ. of Peradeniya	"Studies on Citrus and other putaceous plants".	Rs. 102740/-	3 years	On going
RGB/81/19	Dr.S.Sotheeswaran. Dept. of Chemistry Univ. of Peradeniya	"Economically useful plants of Sri Lanka".	Rs. 49640/-	2 years	On going
RGB/81/20	Dr.C.B. Dissanayake Dept. of Geology Univ. of Peradeniya	"The environmental Geochemistry of well-water in and around Kandy".	Rs. 50240/-	3 years	On going
RGB/81/21	Dr.K.G.A. Dahanayake Dept. of Geology Univ. of Peradeniya	"Study of mineralogy of soil pro- files in the central high-lands of Sri Lanka with special emphasis on economic minerals".	Rs. 45160/-	2 years	Terminated
RGB/81/22	Dr.A.M. Abeysekera Dept. of Chemistry Univ. of Sri Jayewardene- pura, Nugegoda.	"Chemical studies and standardisa- tion of Ayurvedic drugs".	Rs. 72160/-	2 years	On going
RGB/81/23	Dr.E.H. Karunanayake Dept. of Biochemistry Fac. of Medicine Univ. of Colombo	"Study of the metabolism and mode of action of the orally hypogly- caemic principle(s) of <u>Scalasia</u> <u>reticulosa L.</u> ".	Rs. 23160/-	3 years	On going
RGB/81/24	Prof.K.Balasubramaniam Fac. of Medicine Univ. of Colombo	"Cobra neurotoxin and its mode of interaction with acetylcholine receptors".	Rs. 23160/-	3 years	Terminated

Ref. No.	Name and Institution	Title	Funds	Duzation	Status during 1982
RGB/81/25	Prof.K.Balasubramaniam Dept. of Biochemistry Univ. of Colombo Colombo	"A study of basic phospholipases of <u>vipera ressellii</u> (vipers)."	Rs. 23160/-	3 years	Terminated
RGB/81/26	Prof.C.P. Wannigama Dept. of Chemistry Univ. of Peradeniya	"A preliminary analysis of the algae and sediments in some lagoons in the North West of Sri-Lanka".	Rs. 1500/-	1 year	Completed
RG/82/17	Dr.E.R.Janzaz C.I.S.I.R. Colombo 7.	"Processing of spices".	Rs. 40740/-	3 years	On going
MC/82/18	Prof.M.Mahendran Dept. of Chemistry Univ. of Colombo	"Chemical investigation of Sri Lankan alcyonaceans".	Rs. 102240/-	3 years	On going
RG/82/19	Prof.R.S. Ramakrishna Dr.A.I.Kulatilaka Dept. of Chemistry Univ. of Colombo Univ. of Peradeniya	"Heavy metal ions in stream sediments as a monitor for environmental pollution and mineralisation".	Rs. 47160/-	2 years	On going
RG/82/20	Prof.K.Balasubramaniam Dept. of Biochemistry Univ. of Colombo	"Isolation, immobilization and characterization of sucrose phosphorylase from <u>Acetobacter Xylinum</u> and <u>Pseudomonas Saccharophilus</u> ".	Rs. 58740/-	3 years	On going

Ref. No:	Name and Institution	Title	Funds	Duration	Status during 1982
RG/82/21	Prof.R.S.Ramakrishna Dept. of Chemistry Univ. of Colombo Colombo	"Biogeochemical studies in mineral prospecting".	Rs. 35160/-	2 years	On going
RG/82/22	Dr(Mrs)N.S.Kumar Dept. of Chemistry Univ. of Peradeniya	"Chemical studies on the seaweeds of Sri Lanka".	Rs. 11580/-	1 year	On going
RG/82/23	Dr.B.M.R.Bandara Dept. of Chemistry Univ. of Peradeniya	"Chemical investigation of the marine flora of Sri Lanka with view to isolation of biologically industrially useful compounds".	Rs.132740/-	3 years	On going
RG/82/24	Dr(Mrs)Nelu de Silva Dept. of Bio-chemistry Univ. of Colombo	"Fatty acid synthesis in coconut".	Rs. 73740/-	3 years.	On going
RG/82/25	Prof.K.Balasubramaniam Dept. of Biochemistry Univ. of Colombo	"Purification characterization and study of the reactivity of aminoacid residues of galactosidase of coconut endosperm".	Rs. 54740/-	3 years	On going

APPENDIX - IV

THE STATUS OF MEDICAL & VETERINARY SCIENCES RESEARCH GRANTS DURING 1982

Year of Award	Proposed Duration	No. of grants in operation during 1982	Status of grants during 1982		
			Completed	Terminated	On-going
1972	1 yr.	-	-	-	-
	2 yrs.	-	-	-	-
	3 yrs.	1	1	-	-
1975	1 yr.	1	-	1	-
	2 yrs.	1	1	-	-
	3 yrs.	-	-	-	-
1977	1 yr.	1	-	1	-
	2 yrs.	-	-	-	-
	3 yrs.	1	1	-	-
1978	1 yr.	-	-	-	-
	2 yrs.	4	2	-	2
	3 yrs.	1	-	-	1
1979	1 yr.	1	1	-	-
	2 yrs.	2	1	1	-
	3 yrs.	3	1	1	1
1980	1 yr.	8	3	5	-
	2 yrs.	4	2	2	-
	3 yrs.	2	-	-	2
1981	1 yr.	8	2	2	4
	2 yrs.	4	-	-	4
	3 yrs.	1	-	-	1
1982	1 yr.	4	-	-	4
	2 yrs.	4	-	-	4
	3 yrs.	1	-	-	1

Medical & Veterinary Sciences

Ref. No:	Name and Institution	Title	Funds	Duration	Status during 1982
RG/72/8	Dr.(Mrs)S.Sachithanandan Dr.D.D.Samarasinghe & Prof.F.L.W.Jayawardena Dept. of Anatomy Univ. of Colombo	"A histological & histochemical study of the human placenta".	Rs. 25788/-	3 years	Completed
RG/75/23	Dr.R.G. Panabokke Fac. of Medicine Univ. of Peradeniya	"Geographical pathology of tumours of Sri Lanka".	Rs. 19300/-	2 years	Completed
RG/75/34	Dr.Palitha Abaykoon Dept. of Preventive & Social Medicine, Univ. of Peradeniya	"An evaluation of medical internership".	Rs. 7400/-	1 year	Terminated
RG/77/41	Dr.S.B.. Ellepola Dept. of Pathology General Hospital Kandy.	"A study of meningitis in the central division of Sri Lanka".	Rs. 12600/-	1 year	Terminated
RG/77/53	Dr.S.T.Fernando Dept. of Vet. Para. Clinical studies, Univ. of Peradeniya	"Immunological reactions of cattle to Mecestocirrus digitatus infection incalves in Sri Lanka".	Rs. 37055/-	3 years	Completed
RG/78/20	Dr.S.N.Araseculeratne Dept. of Microbiology Univ. of Peradeniya	"Mycobacterial infections in Sri Lanka".	Rs. 20200/-	2 years	On going
RG/78/21	Prof.S.N.Araseculeratne Dept. of Microbiology Univ. of Peradeniya	"The aetiology of necrotising enteritides".	Rs. 31584/-	2 years	On going

Ref. No:	Name & Institution	Title	Funds	Duration	Status during 1982
RG/78/23	Dr.A.A.L.Gunatilake Prof.S.N.Arseculeratne Dept. of Chemistry Dept. of Microbiology Univ. of Peradeniya	The aetiology of chronic liver diseases in Sri Lanka in relation to nitrosamines & pyrolyzidine Alkaloids".	Rs. 21800/-	3 years	On going
RG/78/25	Dr(Mrs)P.C.Samarawickrema Dept. of Pharmacology Univ. of Peradeniya	Evaluate efficacy of digoxin in congestive heart failure".	Rs. 13800/-	2 years	Completed
RG/78/29	Prof.S.G.de S.Wettimuny School of Vet. Sciences Univ. of Peradeniya	Studies on the pathology of respiratory diseases in farm animals".	Rs. 55100/-	2 years	Completed
RG/79/24	Dr(Mrs)J.Ramanathan Dental School, Univ. of Peradeniya	Clinical histopathological ultrastructural and animal experimental study of ameloblastomas of the Jaw".	Rs. 22268/-	2 years	Terminated
RG/79/26	Dr(Mrs)M.C.Attapattu Medicinal Research Inst. Colombo 8.	Bronchopulmonary Aspergillosis its significance in the etiology of chronic lung disease in Sri Lanka".	Rs. 70700/-	3 years	On going
RG/79/27	Dr.M.T.M. Jiffry Dept. of Physiology Univ. of Peradeniya	Biological behaviour of nerve muscle preparations due to electrical stimulations".	Rs. 12500/-	1 year	Completed
RG/79/28	Dr.M.R.M. Pinto Fac. of Medicine Univ. of Peradeniya	A study of hospital infection in Sri Lanka with particular reference to that by gram negative bacteria".	Rs. 10750/-	2 years	Completed

Ref. No:	Name and Institution	Title	Funds	Duration	Status during 1982
RG/79/31	Dr.S.T. Fernando Dept. of Vet. Sciences Univ. of Peradeniya	Pathogenicity, treatment control and Immunology of (a) <i>Trichostrongylus colubriformis</i> (b) <i>Mecistocirrus digitatus</i> and (c) <i>Cooperia pectinata</i> infection in cattle and Goats. (2) Interaction and cross-resistance of these species".	Rs. 33843/-	3 years	Completed
RG/79/46	Dr.R.S.B. Wickremasinghe Medical Research Inst. Colombo 8.	Biological control of <i>Culex pipiens fatigans</i> , the vector of Bancroftian filariasis in Sri Lanka employing members of the bacillaceae".	Rs.135363/-	3 years	Terminated
RGB/80/13	Dr.A.N.I.Ekanayake Dental School Univ. of Peradeniya	A study of tooth mortality in Sri Lankan plantation workers".	Rs. 4250/-	1 year	Completed
RGB/80/14	Dr.W.S. Gunasekera 87, Regent Street Colombo 10.	Investigation of bladder function in patients with disorders of the spinal cord".	Rs. 1500/-	1 year	Terminated
RGB/80/15	Dr(Mrs)S.Rajakulendran & Dr.C.de S.Kulasiri Fac. of Medicine Univ. of Colomb	Adaptation of <i>Aedes togoi</i> to transmit <i>Cardiophilaris nilesi</i> ".	Rs. 6000/-	3 years	On going
RGB/80/16	Dr.M.A.A. Rodrigo Fac. of Medicine Univ. of Peradeniya	The general hospital as a venue for the treatment of severe mental illness".	Rs. 5750/-	1 year	Terminated

Ref. No:	Name and Institution	Title	Funds	Duration	Status during 1982
RGB/80/17	Prof.K.N. Seneviratne Fac. of Medicine Univ. of Colombo	Electrophysiological studies in experimental Auto Immune Neuropathy".	Rs. 3000/-	1 year	Terminated
RGB/80/18	Prof.V.Basnayake Miss.R.R.Thiagarajah Fac. of Medicine Univ. of Peradeniya	Studies on gonadal steroid hormones in female goats".	Rs. 19000/-	2 years	Completed
RGB/80/19	Mr.T.Anathamorthy & Dr.M.R.M.Pinto Dental School Univ. of Peradeniya	A study of the microbiology of Lentoalveolar abscesses".	Rs. 5250/-	1 year	Completed
RGB/80/22	Prof.S.T. Fernando Dept. of Vet. Sciences Univ. of Peradeniya	Studies on the helminth parasites of buffaloes with particular reference to the life cycle and immunology of <u>Neosscaris vitulorum</u> infection in Buffaloes and cattle".	Rs. 37260/-	3 years	On going
RGB/80/23	Mr.A.Sri Kanda Kumar & BE(Mrs)V.K. Gunawardena Dept. of Vet. Sciences Univ. of Peradeniya	"Signs of Heat in buffaloes a basic study".	Rs. 14310/-	2 years	Terminated
RGB/80/25	Prof.S.G. Wettimuny Miss.A.Thiagarajah Dept. of Vet. Sciences Univ. of Peradeniya	Incidence & Pathology of the disease of fish in Sri Lanka".	Rs. 12886/-	2 years	Terminated
RGB/80/55	Dr.M.H.R.Sheriff Dept. of Medicine Univ. of Colombo	Study of the clinical usefulness as a diuretic/side effects of POLPALA (Aeuralanata) on normal subjects and Oedemat us patients".	Rs. 35000/-	1 year	Terminated

Ref. No:	Name and Institution	Title	Funds	Duration	Status during 1982
RGB/80/56	Dr.(Mrs)N.R.Jayasinghe Dept. of Anatomy Univ. of Peradeniya	An intravital dye injection study of tooth eruption and jaw growth in rats".	Rs. 5700/-	1 year	Terminated
RGB/80/57	Prof.N.D.W.Lionel Dept. of Pharmacology Dr.W.D. Ratnasooriya Dept. of Zoology Univ. of Colombo	A study of the effects of prostaglandin blocking drugs on the fertility of the male rat and rabbit".	Rs. 28742/-	2 years	Completed
RGB/80/58	Mr.K.B. Herath Dr.R.D. Piyasena Nuclear Medicine Unit Fac. of Medicine Univ. of Peradeniya	Comparative evaluation of ¹³¹ I and ^{99m} Tc for diagnostic tests of thyroid function with a view to replacing ¹³¹ I with ^{99m} Tc for routine investigations".	Rs. 13500/-	1 year	Completed
RGB/81/27	Dr.S.Dissanayake Dept. of Biochemistry Univ. of Peradeniya	Immunochemical characterization of antigens of cariogenic bacteria and the study of salivary and serum antibody responses to these antigens in patients with dental caries and periodontal disease".	Rs. 16580/-	1 year	Terminated
RGB/81/28	Prof.E.R. Wickremnayake Dr.(Mrs)J.A.P. Jayasinghe Dept. of Anatomy Univ. of Peradeniya	The relationship of the upper dental arch to bony landmarks of the skull".	Rs. 4450/-	1 year	On going
RGB/81/29	Prof.P.E. Zoysa Mrs.K.J.R.M.Perera Dept. of Paediatrics Univ. of Colombo	The assessment of the Nutritional status of pre-school children of resident labourers in tea estates of Sri Lanka".	Rs. 21600/-	1 year	Completed

Ref. No:	Name and Institution	Title	Funds	Duration	Status during 1982
RGB/81/31	Mr.J.D.A.Abeyssekera Division of Occupational- Hygiene, Dept. of Labour, Colombo 5.	National Anthropometric survey of workers".	Rs. 34510/-	1 year	On going
RGB/81/32	Dr.V.Krishnarajah General Hospital Jaffna.	"Survey of bacterial flora in operation theatre and surgical unit and the sources of wound infection".	Rs. 18065/-	1 year	Terminated
RGB/81/33	Dr.W.A.Samarawickrema Medical Research Institute Colombo 8.	"Taxonomy and ecology of mosqui- toes in relation to the ecology of Japanese encephalitis in Sri Lanka together with related epidemiological, and virological studies".	Rs. 46820/-	1 year	On going
RGB/81/34	Prof.S.N.Arsecularatne Dept. of Microbiology Univ. of Peradeniya	The toxicology of Palmyrah flour 1. Mutagenic and carcinogenic potential 2. Effect on hepatic lysosomes 3. Immune defects in rats after short term feeding of flour.	Rs. 48420/-	2 years	On going
RGB/81/35	Mrs.K.S.Pieris National Institute of - Business management, Colombo 7.	Bibliography of medical publica- tions (Western medicine) relating to Sri Lanka". 1977-79	Rs. 1230/-	2 years	On going
RGB/81/36	Mr.R.Sivakanesan Dept. of Biochemistry Univ. of Peradeniya	Metabolic diseases in farm animals of economic importance".	Rs. 61190/-	3 years	On going

Ref. No:	Name & Institution	Title	Funds	Duration	Status during 1982.
RGB/81/37	Dr.B.M.O.A.Perera Dr.H.Abeygunawardena Dept. of Vet. Sciences Univ. of Peradeniya	Effects of environment and nutritional factors on post partum ovarian activity in milking buffaloes".	Rs. 21175/-	1 year	On going
RGB/81/38	Dr.S.Mahalingam Dept. of Vet.Para Clinical Studies, Univ. of Peradeniya	Investigations into the viral aetiology of respiroenteric infections in agricultural animals cattle and goats (as an continuation of research project NSCA/1/17/1 with other viral antigens other than para influenza 3).	Rs. 95400/-	2 years	On going
RGB/81/39	Dr.B.M.O.A.Perera Dept. of Vet. Sciences Univ. of Peradeniya	Endocrine control of reproductive patterns of indigenous buffaloes in Sri Lanka".	Rs. 64744/-	2 years	On going
RGB/81/67	Mrs.Nalini Jayasekera Medical Research Inst. Colombo 8.	Mosquito studies at Sri Jayewardenepura with emphasis on the ecology and behaviour of vectors of disease".	Rs. 11940/-	1 year	Completed
RG/82/26	Dr.M.T.M.Jiffry Dept. of Physiology Univ. of Colombo	The effects ofherbal extracts on transmission through spinal synapses".	Rs. 10000/-	2 years	On going
RG/82/27	Dr(Mrs)N.V.I.Ratnatunge Dept. of Pathology Univ. of Peradeniya	Histopathology of chronic obliterative arterial disease of limbs in the central province".	Rs. 18000/-	3 years	On going
RG/82/28	Dr.P.C.A. Ratnatunge Fac. of Medicine Univ. of Peradeniya	A study into the feasibility of reconstructive arterial surgery in Sri Lankan patients".	Rs. 15859/-	1 year	On going

Ref. No.	Name and Institution	Title	Funds	Duration	Status during 1982
RG/82/29	Dr.A.L. Dissanayake Base Hospital Navalapitiya.	A clinico pathological study of Gastric carcinoma in the Navalapitiya region".	Rs. 5000/-	1 year	On going
RG/82/30	Mrs.C.P.Kodikara Fac. of Vet. Medicine & Animal Sc., University of Peradeniya	Bacteriological study of drinking water with special reference to indicator of faecal pollution and pathogens".	Rs. 15300/-	2 years	On going
RG/82/31	Dr.M.C.L. de Alwis Veterinary Research Inst. Gannoruwa.	Studies on the significance of the carrier animal in the epizootiology of Haemorrhagic septicaemia".	Rs. 21000/-	2 years	On going
RG/82/32	Dr.D.J. Weilgama Veterinary Research Inst. Gannoruwa.	Studies on theileriasis in cattle".	Rs. 6600/-	2 years	On going
RG/82/33	Dr.D.D.Wanasinghe Veterinary Research Inst. Gannoruwa.	Survey of incidence of mastitis among cattle in small holder units and evaluation of the efficacy of a modified mastitis control programme".	Rs. 19000/-	1 year	On going
RG/82/63	Dr.A.R. Jayasuriya Planning Unit, Ministry of Health, Colombo 1.	Study of investment in health care delivery and its impact on health status in selected districts in Sri Lanka".	Rs. 9334/-	1 year	On going

APPENDIX - V

THE STATUS OF PHYSICAL & ENGINEERING SCIENCES RESEARCH GRANTS DURING 1982

Year of Award	Proposed Duration	No. of grants in operation during 1982	Status of grants during 1982		
			Completed	Terminated	On-going
1979	1 yr.	1	-	-	1
	2 yrs.	-	-	-	-
	3 yrs.	2	2	-	-
1980	1 yr.	-	-	-	-
	2 yrs.	1	-	1	-
	3 yrs.	-	-	-	-
1981	1 yr.	-	-	-	1
	2 yrs.	2	-	-	2
	3 yrs.	-	-	-	-
1982	1 yr.	2	-	1	1
	2 yrs.	-	-	-	-
	3 yrs.	-	-	-	-

PHYSICAL AND ENGINEERING SCIENCES

Ref. No:	Name and Institution	Title	Funds	Duration	Status during 1982
RG/79/19	Prof.S.N.Araseculeratne Fac. of Medicine Univ. of Peradeniya	Development of a pilot plant for the decontamination of aflatoxin contaminated oil by sunlight".	Rs. 7250/-	1 year	On going
RG/79/20	Dr.K.G.A. Dahanayake Dept. of Geology Univ. of Peradeniya	"Sedimentological studies of gem and other valuable heavy mineral bearing sediments of Ratnapura, Elaheera and Hasalake areas".	Rs. 40200/00	3 years	Completed
RG/79/22	Prof.M.J.T.Mannangara Dept. of Physics, Univ. of Colombo	"Characteristics of lightning in Sri Lanka and their relation to local meteorological parameters".	Rs. 58205/-	3 years	Completed
RG/80/20	Dr.A.de S.Jayatilaka Dept. of Material Sci. Univ. of Moratuwa	"Practure studies and development of new materials".	Rs. 46600/-	2 years	Terminated
RGB/81/40	Dr.Dhammike de silva C.I.S.I.R. Colombo 7.	"Design and construction of improved firewood hearths".	Rs. 41780/-	2 years	On going
RGB/81/43	Mr.M.G.M.U.Ismail Officer-in-charge Mineral Technology Section C.I.S.I.R.	Rice hull ash masonry cement".	Rs. 26160/-	2 years	On going
RG/82/34	Mr.W.P.M.Dias Industrial Development Board, Moratuwa.	The effective utilization of used engineering raw material and their metallurgical control for the improvement and development of light engineering industries".	Rs. 10100/-	1 year	Terminated
RG/82/35	Dr.L.N.Pussegoda Bdpt. of Mechanical Engin. Univ. of Peradeniya	Effect of the mode of prior deformation on the subsequent Mechanical properties of two phase materials".	Rs. 27800/-	1 year	On going

APPENDIX - VI

STATUS OF RESEARCH GRANTS DURING 1982

(SOCIAL SCIENCES)

Year of Award	Proposed Duration	No. of grants in operation during 1982	Progress During 1982		
			Terminated	Completed	Ongoing
1977	3 yrs.	1	-	1	-
1978	1 yr.	4	3	1	-
	2 yrs.	2	2	-	-
1979	1 yr.	12	9	2	1
	2 yrs.	4	2	2	-
1980	1 yr.	45	6	6	3
1981	1 yr.	24	8	9	7
	2 yrs.	1	1	-	-
1982	1 yr.	24	5	4	15
	2 yrs.	2	-	-	2

SOCIAL SCIENCE RESEARCH GRANTS - DURING 1982

Ref.No.	Name & Institution	Title of Project	Year of Award	Proposed Duration	Initial Financial Allocation	Status During 1982
RG/77/44	Dr. R.A.L.H.Gunawardena Dept. of History, Univ. of Peradeniya.	"A History of Technology in precolonial Sri Lanka"	1977	3 yrs.	Rs.9250.00	Completed
RG/78/33	Prof.A.B.Dissanayake, Ruhuna Univ. College, Matara.	"Continuous Farm Record Keeping Programme in Rubber Small Holdings in a major Rubber Growing District"	1978	2 yrs.	Rs.10000.00	Terminated
RG/78/40	Mrs.J. Ismail, Muslim Ladies College, Colombo 4.	"An investigation of the relationship between education and the status of woman in the Muslim community"	1978	2 yrs.	Rs.7295.00	Terminated
RG/78/43	Dr.S.U. Kodikara, Dept.of Economics, Univ. of Peradeniya.	"Indo-Sri Lanka Relations" (To update book published in 1965)	1978	1 yr.	Rs.5000.00	Terminated
RG/78/44	Mr. S. Murugaverl, The Library, Univ. of Peradeniya.	"Siddhayurvedic System of Medicine Bibliography" (A Preliminary Survey)	1978	1 yr.	Rs.2500.00	Terminated
RG/78/49	Dr. N. Ratnapala, Dept. of Sociology, Univ. of Sri Jayewardenepura.	"A Sociological study of the Insurrection of 1971"	1978	1 yr.	Rs.10000.00	Terminated
RG/78/50	Mr. J.C. Ratwatte, Sri Lanka Law College, Colombo.	"Preparation of second edition of Introduction to the Legal System of Ceylon" by Mark Cooray	1978	1 yr.	Rs. 2000.00	Completed
RG/79/47	Mr.D.B.Abeyratnabanda, Industrial Development Board, Colombo 4.	"ආර්ථික පාලන ක්‍රමවේදය පිළිබඳ විමර්ශනය" (මුද්‍රිත ද්‍රව්‍යයක් ඇතුළත්)	1979	1 yr.	Rs. 2500.00	Terminated

Ref.No.	Name & Institution	Title of Project	Year of Award	Proposed Duration	Financial Allocation	Status during 1982
RG/79/48	Mrs. E.P.R. Alles, Teachers' College, Peradeniya.	"Youth attitudes to aspect of their society"	1979	1 yr.	Rs.2400.00	Terminated
RG/79/57	Mr. I.V.Edirisinghe, Dept. of Sociology, Univ. of Colombo	"A Research into major sociological aspects of the organization of work within the Ceylon Steel Corporation"	1979	1 yr.	Rs.4700.00	Terminated
RG/79/58	Mr. G. Edirisooriya, Dept. of Economics, Univ. of Colombo.	"The estimation of local R & D Costs"	1979	1 yr.	Rs.6700.00	Terminated
RG/79/61	Dr. R.D.Gunaratne, Dept. of Philosophy, Univ. of Peradeniya.	"Influence of Science Education on the Beliefs and Habits of Sri Lankan Society"	1979	1 yr.	Rs.3000.00	Terminated
RG/79/62	Mr. W.U.Gunasekera, Teachers College, Pattalagedara, Veyangoda.	"ශ්‍රී ලංකාවේ ගුරුවරුන්ගේ සහ කිරීම හා සැලසීම" (1966-1976 යුගය)	1979	2 yrs.	Rs.1500.00	Completed
RG/79/65	Dr. J. Hettiarachchi, Dept. of History, Univ. of Peradeniya.	"Sinhalese Tamil Relations in Govt. Employment Sector in Sri Lanka"	1979	1 yr.	Rs.3930.00	Terminated
RG/79/67	Miss P.Ameka Jayalath, "Hemantha" Rairangala, Maskaduwa, Kalutara.	"කළු ගඟාවේ ජල ගැලවී යෑ විද්‍යාත්මක සහ කෘෂි විද්‍යාත්මක ප්‍රයෝගික හැඳවීමක්"	1979	2 yrs.	Rs.2500.00	Terminated
RG/79/75	Mr. S.A.Karunatissa, Dept. of Sociology, Univ. of Peradeniya.	"ලංකාවේ මවුන් අර්ධ මුළු ප්‍රධාන තැනක් සහ ප්‍රදේශයන්හි ආර්ථික සාමූහික සංවර්ධනය සකස් කිරීමේ ආර්ථික කටයුත්තේ ඇති විදගන්කම"	1979	1 yr.	Rs.2000.00	Terminated
RG/79/76	Dr. (Mrs.) D.E.M. Kotalawala The Open University of Sri Lanka, Nawala, Nugegoda.	Effect of caretaking Modes and their components on the Development of Children in Eastern & Western Culture"	1979	1 yr.	Rs.14100.00	Ongoing

Ref.No.	Name & Institution	Title of Project	Year of Award	Proposed Duration	Initial Financial Allocation	Status during 1982
RG/79/77	Mrs. P.K.D.P.Kudaligama, Musaeus Training College, Kalutara.	"How to make use of peer groups in the educational process"	1979	1 yr.	Rs. 3000.00	Terminated
RG/79/89	Mr. W. Ranasinghe, 'Siri Niyasa', Kandagollia, Badulla.	"ශ්‍රී ලංකාවේ පලාත් අන්වීක්ෂී පහා පරිපාලනය හා මනුෂ්‍ය ශක්ති පරිපාලනය"	1979	1 yr.	Rs. 1500.00	Completed
RG/79/91	Dr.(Mrs.)P.C.Rodrigo, Dept.of Economics, Univ. of Peradeniya.	"Worker absenteeism in Sri Lanka : A Study in Labour-Time Utilization and Labour Force Commitment"	1979	2 yrs.	Rs. 3500.00	Terminated
RG/79/94	Mr. M. Vamađevan, Ministry of Finance & Planning, Secretariat Bldg., Colombo 1.	"Socio-Economic aspects of Tea Plantation Labour"	1979	2 yrs.	Rs.10000.00	Completed
RG/79/100	Mrs. W.A.R. Wijeratna, Faculty of Education, Univ. of Colombo.	"A Study of Attainment of Primary School Children when completing the 5th Grade"	1979	1 yr.	Rs. 1500.00	Terminated
RG/79/101	Mrs. S.Wimalasuriya, 'Wimalajaya', Kandahena, Debanama, Pannipitiya.	"අනු පළාත් ධීවර ජනාධිපායන්හි ගවේෂණීය පර්යේෂණ"	1979	1 yr.	Rs. 1750.00	Completed
RGB/80/29	Dr. M.D.Dayananda, Dept.of Economics, Univ. of Peradeniya.	"Inflation and the Rice Economy in Sri Lanka: Impact of Inflation on Paddy Production and Farm Incomes"	1980	1 yr.	Rs.10000.00	Terminated
RGB/80/30	Prof. K.M. de Silva, Dept.of History, Univ.of Peradeniya.	"The Sri Lankan Dictionary of National Biography"	1980	1yr.	Rs.16000.00	Ongoing
RGB/80/32	Prof.M.W.Gunawardena, Dept.of History, Univ. of Peradeniya.	"Seventeenth and Eighteenth Century History of Sri Lanka with special reference to Economic and Social History"	1980	1 yr.	Rs.7000.00	Ongoing

Ref.No.	Name & Institution	Title of Project	Year of Award	Proposed Duration	Financial Allocation	Status during 1982
RGB/80/34	Mr. I.A. Husain, Teachers College, Dharga Town.	"Home Environmental factors affecting the attainments of working class children in Sri Lanka (Kalutara District)	1980	1 yr.	Rs. 973.00	Terminated
RGB/80/35	Mr. K.K. Navaratnam & Mr. S.M.M. Zubair, Dept. of Agric. Economics, Univ. of Peradeniya.	"An Evaluation of Premature Harvesting of Certain Selected Perennial Cash Crops"	1980	1 yr.	Rs. 3000.00	Terminated
RGB/80/36	Dr. (Mrs.) Y. Rasanayagam, Dept. of Geography, Univ. of Colombo, Colombo.	"Industrial Development & Urban Growth - A Case Study of the Colombo Region"	1980	1 yr.	Rs. 5000.00	Ongoing
RGB/80/37	Dr. G.P. Samarawickrema, Dept. of Community Medicine, Univ. of Peradeniya, Peradeniya.	"Occupational Health Problems among Hospital Nurses	1980	1 yr.	Rs. 4200.00	Completed
RGB/80/41	Mr. D.S. Epitawatta, Dept. of Geography Univ. of Sri Jayewardenepura Nugegoda.	"ශ්‍රී ලංකාවේ ශ්‍රාමික සහිත පරිසරයේ සාමාජිකයන්ගේ සෞඛ්‍ය සහ සුරැකීමේ ගැටලු (හෙත් නිලධාරීන් සහිතව සමූහයක් ඇතුළත්)	1980	1 yr.	Rs. 3500.00	Terminated
RGB/80/42	Mr. D. Nimal Gunaratne, Khaliyagoda M.V., Khaliyagoda.	1987 වර්ෂයේ කොළඹ විශ්ව විද්‍යාලයට පවරා ඇති පර්යේෂණ මධ්‍යස්ථානයේ පවතින පරිසරයේ සෞඛ්‍ය සහ සුරැකීමේ ගැටලු සහිතව සමූහයක් ඇතුළත්ව සමූහයක් සාමාජිකයන්ගේ සෞඛ්‍ය සහ සුරැකීමේ ගැටලු (හෙත් නිලධාරීන් සහිතව සමූහයක් ඇතුළත්)	1980	1 yr.	Rs. 1600.00	Completed
RGB/80/43	Mr. P. Kemaratne, Sarvodaya Research Inst., A.B.C. Bldg., Galle Road, Dehiwela	"ලංකාවේ රොට් ජනතාවගේ සෞඛ්‍ය සහ සුරැකීමේ ගැටලු සහ සුරැකීමේ ගැටලු (හෙත් නිලධාරීන් සහිතව සමූහයක් ඇතුළත්)"	1980	1 yr.	Rs. 1670.00	Completed

Ref.No.	Name & Institution	Title of Project	Year of Award	Proposed Duration	Initial Financial Allocation	Status during 1982
RGB/80/46	Mr. R.M.A.B. Rajakaruna, Dept. of Sociology, Univ. of Peradeniya	මා මි සමාජ සාහිත්‍යය සහ එහි වෙනුවට කෙරුණු මලාල සමාජ ආර්ථික හා සංස්කෘතික සාධක	1980	1 yr.	Rs. 2250.00	Terminated
RGB/80/47	Miss P. Vidanapathirana, 'Siri Nivasa', Deniyaya Road, Morawake.	"දැනුම මොනවේ ඉඩම් හැකි ක්‍රම ප්‍රතිසංස්කරණය."	1980	1 yr.	Rs. 2500.00	Completed
RGB/80/48	Mr. S.V.D.G.Samaranayake, Dept. of Economics, Univ. of Peradeniya, Peradeniya.	"Role of the New Left Movement in the Parliamentary Set Up - Special Reference to the Peoples' Liberation Front"	1980	1 yr.	Rs. 2000.00	Completed
RGB/80/49	Pfrof. H.N.C.Fonseka, Dept. of Geography, Univ. of Colombo.	"Peasant Colonization in the Dry Zone of Sri Lanka - Agricultural Geography"	1980	1 yr.	Rs. 5000.00	Completed
RGB/80/51	Dr. S.W.R.de A. Samarasinghe, Dept. of Economics, Univ. of Peradeniya,	"Post-war financial policy, Financial institutions and economic growth in Sri Lanka"	1980	1 yr.	Rs. 4000.00	Terminated
RGB/81/42	Prof. K. Tillekeratne, Dept. of Mathematics, Ruhuna University College, Matara.	"Survey of the Mathematical Knowledge of the Advance Level Mathematics Students in the Hambantota District"	1981	1 yr.	Rs. 3348.00	Terminated
RGB/81/44	Mrs. H.C. Abeydeera, Univ. of Colombo, Colombo.	"An Evaluation of the Junior Secondary School Social Studies Curriculum in Sri Lanka"	1981	1 yr.	Rs. 3300.00	Terminated

Ref.No.	Name & Institution	Title of Project	Year of Award	Proposed Duration	Initial Financial Allocation	Status during 1982
RGB/81/46	Mrs. T.K.K. Amaraweera, Univ. of Colombo, Colombo.	"Language Abilities of Children of Lower Socio-economic Strata"	1981	1 yr.	Rs. 1150.00	Terminated
RGB/81/47	Miss L.K.H.S. Damayanthi, Dept. of Economics, Univ. of Colombo.	"The Role of Rural Banking in Agricultural Development in Sri Lanka and South India - A Comparative Study"	1981	1 yr.	Rs. 2150.00	Terminated
RGB/81/48	Miss M.L.C. de Mel, Dept. of Political Science, Univ. of Peradeniya.	"The Impact of the 1972 and 1975 Land Reforms on the Tea Output in the Nuwara Eliya District"	1981	1 yr.	Rs. 4500.00	Terminated
RGB/81/49	Mrs. S. de S.E. Seneviratne, Dept. of Education, Univ. of Colombo	"Aspirations of Children"	1981	1 yr.	Rs. 3720.00	Ongoing
RGB/81/50	Dr. K.N.O. Dharmadasa, Dept. of Sinhalese, Univ. of Peradeniya	"The Rise of Sinhalese Language Nationalism: A Study in the Sociology of Language - Social History and Sociology of Language"	1981	1 yr.	Rs. 1675.00	Ongoing
RGB/81/51	Mr. P.H. Kurukulasuriya, Legal Adviser, Min. of Foreign Affairs, Colombo 1.	"The Concept of Historic Waters in International Law"	1981	1 yr.	Rs. 3300.00	Completed
RGB/81/52	Dr. P. Nugawela, C.I.S.I.R., Colombo 7.	"Evaluative Study on Industrial Estates in Sri Lanka"	1981	1 yr.	Rs. 5000.00	Completed
RGB/81/53	Prof. B.L. Panditharatne, Vice Chancellor, Univ. of Peradeniya.	"Impact of Technological and Institutional Changes on the Fishing Community of Negombo"	1981	1 yr.	Rs. 1200.00	Ongoing

Ref. No.	Name & Institution	Title of Project	Year of Award	Proposed Duration	Initial Financial Allocation	Status during 1982
RGB/81/54	Rev. A.Piyananda, Dept. of History, Univ. of Kelaniya.	"Documentation of the Art Works of the Gampola Period"	1981	1 yr.	Rs. 2750.00	Completed
RGB/81/55	Mr. K. Piyasema, Officer in Charge, Special Education Unit, Min. of Education, Colombo 2.	"Some considerations in the Development of Integrated Educational Services for Children with Special Needs with Particular Reference to Sri Lanka"	1981	2 yrs.	Rs. 5050.00	Terminated
RGB/81/56	Mrs. P.D.S.Abeyratne, Dept. of Geography, Univ. of Peradeniya.	මහනුවර නගරයේ නූතන ආලෝක විද්‍යා විද්‍යා (මහනුවර යටතේ විවිධ යුගයේ සහ ලක්ෂ්‍යවල ස්වභාවය) සහ කාට්‍රාෆොලොගි වෙත යොමු වීම"	1981	1 yr.	Rs. 2000.00	Completed
RGB/81/57	Mr. P.M. Dayananda, Ruhuna University College, Matara.	" විවිධ කලාත්මය කවිකරණය"	1981	1 yr.	Rs. 2700.00	Terminated
RGB/81/58	Ven. U.Chandrasiri, Dept. of Mass Communication, Univ. of Kelaniya.	"කුඩා කණ්ඩායම් වල වෙනස්වීම් සහ ජනමාධ්‍ය බලපෑම"	1981	1 yr.	Rs. 1500.00	Ongoing
RGB/81/59	Miss G. Fernando, Dept. of Geography, Univ. of Peradeniya.	" අඩු වියදම් කිරීමේ ක්‍රමයක් හැඩට ලකුණවේ අනුගමනය කරන 'අනන්ත' කඩිනම් සාමාජික ආකාරයෙන් සාමාජිකයන්ගේ අත්‍යවශ්‍යත්වය සහ ව්‍යුහගතය"	1981	1 yr.	Rs. 1600.00	Completed
RGB/81/60	Mr. D.K. Jayatissa, St. Silvesters' College Kandy.	"සිංහලේ අධ්‍යාපනය සහ පැරණි සමාජය - කන්ද ලී රට අධ්‍යාපනය සහ පිටින ක්‍රම"	1981	1 yr.	Rs. 885.00	Ongoing
RGB/81/61	Miss W.M. Kamalawathie, 'Pubudu', Mirihenpitiya, Ethanawatte, Kurunegala.	" විවිධ කලාත්මය ගොඩනැගිලි වෙත යොමු වීම"	1981	1 yr.	Rs. 1750.00	Terminated

Ref.No.	Name & Institution	Title of Project	Year of Award	Proposed Duration	Initial Financial Allocation	Status during 1982
RGB/81/62	Miss M. Leelawathie, Deniyaya M.S.V., Deniyaya.	"විද්‍යාරමයේ කම්කරු පවුලේදී අධ්‍යාපන වත්කම් පිළිබඳ කරන අධ්‍යයනය"	1981	1 yr.	Rs.2100.00	Completed
RGB/81/63	Dr. Sunanda Mahendra, Dept.of Mass Communication, Univ. of Kelaniya.	"මුළු විදුලි සන්නිවේදන මාධ්‍යය සහ සන්නිවේදන මාධ්‍ය මගින් ආකාරය පිළිබඳව පවර්ධනය වීම සම්බන්ධය"	1981	1 yr.	Rs.3600.00	Completed
RGB/81/64	Mrs. S.M. Malagala, Fac. of Education, Univ. of Colombo.	" මුද්‍රාගත මාධ්‍යයේ පිළිබඳ විවරණයන් මත විග්‍රහයන්"	1981	1 yr.	Rs.1550.00	Terminated
RGB/81/65	Mr. Anil Premaratne, Planning Officer, Coast Conservation Division, Min. of Fisheries, Horton Place Colombo 7.	" මුද්‍රාගත මාධ්‍යයේ සම්බන්ධය පිළිබඳව විද්‍යාත්මකව සහ සම්බන්ධ කරන මාධ්‍ය මගින් විද්‍යාත්මකව"	1981	1 yr.	Rs.1800.00	Completed
RGB/81/66	Mrs.P.H.A.N.S.Jayasena, Asst.Lecturer, Univ. of Peradeniya.	"Policies and Progress of Primary Education in Sri Lanka since Independence to 1977"	1981	1 yr.	Rs.3215.00	Ongoing
RGB/81/68	Miss C. Weerasinghe, Dept.of Community Medicine, Ruhuna Medical College, Matara.	"The Socio-cultural Factors Contributing to Malnutrition"	1981	1 yr.	Rs.4285.00	Ongoing
RGB/81/69	Miss S. Ponniah, Dept. of Geography, Univ.of Peradeniya.	"An Analysis of Service Centres in the Batticaloa District"	1981	1 yr.	Rs.1975.00	Completed

Ref.No.	Name & Institution	Title of Project	Year of Award	Proposed Duration	Initial Financial Allocation	Status during 1982
RGB/82/36	Miss R. Amarasinghe, Fac. of Education, Univ. of Colombo.	"The Role of the Secondary school in preparing youth for self-employment"	1982	1 yr.	Rs.3000.00	Completed
RGB/82/37	Mr. U.A.Chandrasena, Dept. of Geography, Univ. of Kelaniya.	"Traditional Processing-Marketing System and Modern Group Processing Centers in the Rubber Small Holding Sector- An analysis of spatial pattern"	1982	1 yr.	Rs.2850.00	Ongoing
RGB/82/38	Mrs. W.M. de Silva, Fac. of Education, Univ. of Colombo.	"Per. capita expenses borne by the Government on secondary school education"	1982	1 yr.	Rs.2000.00	Ongoing
RGB/82/39	Dr. S.I.Hettige, Dept. of Sociology, Univ. of Sri Jayewardenepura, Nugegoda.	"Patterns of subsistence reproduction among settled Urban Poor-A comparative analysis"	1982	1 yr.	Rs.10000.00	Ongoing
RGB/82/40	Mr. W.M.M.J.W.Jayalath, Fac. of Education, Univ. of Colombo.	"Regional Imbalance in Educational Development" (Comparative Education)	1982	1 yr.	Rs.2170.00	Ongoing
RGB/82/41	Mr. K. Kanagarajah, Dept. of Geography, Univ. of Jaffna.	"Coastal Settlement of the Jaffna Peninsula Region"	1982	1 yr.	Rs.2250.00	Ongoing
RGB/82/42	Mr. T.B. Karunaratne, Education Department, Kandy West.	"Temples in Kandy District	1982	1 yr.	Rs.1500.00	Ongoing

Ref.No.	Name & Institution	Title of Project	Year of Award	Proposed Duration	Initial Financial Allocation	Status during 1982
RGB/82/43	Mr. N.G. Kularatne, Uyanwata Teachers' College, Polgollia.	"A study of the personality of the secondary school teacher, as perceived by students, teachers and principals"	1982	1 yr.	Rs.2500.00	Completed
RGB/82/44	Mr. U.H. Palihakkara, The Inst. of Chartered Accountants, 30A, Longdon Place, Colombo 7.	"Resource Allocation in Health Administration - Mainly Financial"	1982	1 yr.	Rs.4000.00	Ongoing
RGB/82/45	Prof. V.K. Samanayake, Dean, Fac. of Science, Univ. of Colombo.	"Investigation of Predictors of University Performance"	1982	2 yrs.	Rs.65420.00	Ongoing
RGB/82/46	Mr. N. Shanmugalingam, Dept. of Sociology, Univ. of Jaffna.	"Folk cults of Jaffna Peninsula"	1982	1 yr.	Rs. 2500.00	Terminated
RGB/82/47	Mr. S. Sosai, Dept. of Geography, Univ. of Jaffna.	"Sri Lankan coastal fishing - A case study of North West Coast"	1982	1 yr.	Rs. 2200.00	Ongoing
RGB/82/48	Mr. G.B. Wanninayake, Univ. of Colombo.	"Educational Opportunity in the Polonnaruwa District - An educationally disadvantaged area in Sri Lanka"	1982	1 yr.	Rs, 2400.00	Ongoing
RGB/82/49	Mr. S.S. Dahanayake M/Narandeniya M.V., Kamburupitiya.	"සමාජ අධ්‍යයනය මගින් අධ්‍යාපනයේ වෙනස්කම්"	1982	1 yr.	Rs. 2585.00	Ongoing
RGB/82/50	Ven. E.Henaloka, B/Kandagolla M.V., Badulla.	"මුස්ලිම් විවේචනේ දැක්ම ඉගැන්වීම ආදිය විශ්ලේෂණය කිරීමේදී පිළිබඳ විමර්ශනාත්මක අධ්‍යයනයක්"	1982	2 yrs.	Rs. 2000.00	Ongoing
RGB/82/51	Miss U.G. Irani, K/Palannaruwa M.V. Palannaruwa, Gonapola Junction.	"අධ්‍යාපන ක්ෂේත්‍රයේ ඉගැන්වීම හා ප්‍රගතිය පිළිබඳව පහත කාර්යය ඉටු කිරීමේදී විවේචනාත්මක විමර්ශනාත්මක කෙරෙහි විමර්ශනයක්"	1982	1 yr.	Rs. 1500.00	Ongoing

Ref.No.	Name & Institution	Title of Project	Year of Award	Proposed Duration	Initial Financial Allocation	Status during 1982
RGB/82/52	Mr. D.M. Jayatilake, Teachers Education Unit, Min. of Education, Colombo 2.	"ශ්‍රී ලංකාවේ ප්‍රාථමික පාසලකට සහතිකයක් ලබාදීමේදී ප්‍රවේශයේ කෙටි කලකින් පසුව පවතින අවශ්‍යතා"	1982	1 yr.	Rs. 2500.00	Terminated
RGB/82/53	Mr. P.D.R. Kumarasiri, Sarvodaya Research Centre, No.41, Lumbini Mawatha, Ratmalana.	"සමාජවාදී මධ්‍යම පාසලකට සහතිකයක් ලබාදීමේදී ප්‍රවේශයේ කෙටි කලකින් පසුව පවතින අවශ්‍යතා"	1982	1 yr.	Rs. 2000.00	Completed
RGB/82/54	Mr. P.W. Manatunga, H/Homagama Junior School, Homagama.	"සමාජවාදී මධ්‍යම පාසලකට සහතිකයක් ලබාදීමේදී ප්‍රවේශයේ කෙටි කලකින් පසුව පවතින අවශ්‍යතා"	1982	1 yr.	Rs. 2000.00	Ongoing
RGB/82/55	Mr. J.D. Pathirana, Dept. of Social Science Education, Fac. of Education, Univ. of Colombo.	"අධ්‍යාපන ක්ෂේත්‍රයේ ප්‍රවේශයේ කෙටි කලකින් පසුව පවතින අවශ්‍යතා"	1982	1 yr.	Rs. 2000.00	Terminated
RGB/82/56	Mr. K.B.H. Perera Sri Janananda M.M.V., Kadurugamawa, Diyatalawa.	"ශ්‍රී ලංකාවේ දේශීය ප්‍රවේශයේ විදි ප්‍රවේශයේ කෙටි කලකින් පසුව පවතින අවශ්‍යතා"	1982	1 yr.	Rs. 2500.00	Terminated
RGB/82/57	Miss C.M. Saputantiri, 'Sapumal, Pinhena, Beruwala.	"සමාජවාදී මධ්‍යම පාසලකට සහතිකයක් ලබාදීමේදී ප්‍රවේශයේ කෙටි කලකින් පසුව පවතින අවශ්‍යතා"	1982	1 yr.	Rs. 2000.00	Terminated
RGB/82/58	Mrs. V.S. Somasara, G/Ellapola M.V. Balangoda.	"ශ්‍රී ලංකාවේ ප්‍රාථමික පාසලකට සහතිකයක් ලබාදීමේදී ප්‍රවේශයේ කෙටි කලකින් පසුව පවතින අවශ්‍යතා"	1982	1 yr.	Rs. 1500.00	Ongoing
RGB/82/59	Miss G. Terlin, M/Godapitiya M.V., Akurassa.	"සමාජවාදී මධ්‍යම පාසලකට සහතිකයක් ලබාදීමේදී ප්‍රවේශයේ කෙටි කලකින් පසුව පවතින අවශ්‍යතා"	1982	1 yr.	Rs. 2000.00	Ongoing

Ref.No.	Name & Institution	Title of Project	Year of Award	Proposed Duration	Initial Financial Allocation	Status during 1982
RGB/82/60	Mr. S.L. Tilakasiri, Research Division, People's Bank, Colombo 2.	"මහවැලි කලාපයේ රජ බිම්බේ සහ සාමිතයන් - වාර්ෂික රජ සාමිතයට යනුපදකයන් අනුවර්තනය වීම පිළිබඳ අධ්‍යයනයක්"	1982	1 yr.	Rs.3000.00	Completed
RGB/82/61	Mr. Y. Walpita, K/Gowinna M.V., Gowinna.	"විෂයමාලාව හා මාසික ක්‍රියාකාරකම් මගින් පාසල් ශිෂ්‍යයන් තුළ යහපත් ගුණ ධර්ම සහ ආකල්ප කෙරෙහි"	1982	1 yr.	Rs.1500.00	Ongoing

NATURAL RESOURCES, ENERGY & SCIENCE AUTHORITY OF SRI LANKA
BALANCE SHEET AS AT 31ST DECEMBER 1982

	Rs	Cts	Rs	Cts
FUNDS EMPLOYED				
As at 31.12.81				
NARESA Fund	7,086,941.32			
<u>Add: Drawings from Treasury</u>	<u>2,400,000.00</u>			
	9,486,941.32			
<u>Add: Treasury Deposit</u>	<u>214,000.00</u>			
		9,700,941.32		
<u>Less: Excess of Expenditure over income</u>		<u>3,684,731.80</u>		
			6,016,209.52	
Documentation Unit Capital Fund	650,524.30			
<u>Add: Drawings from Treasury</u>	<u>300,000.00</u>			
		950,524.30		
<u>Add: Treasury Deposit</u>	<u>-</u>			
		950,524.30		
<u>Less: Expenditure for the year</u>		<u>296,353.36</u>		
			654,170.94	
Research Grants Fund	1,467,477.43			
<u>Add: Drawings from Treasury</u>	<u>590,000.00</u>			
		2,057,477.43		
<u>Add: Treasury Deposit</u>	<u>910,000.00</u>			
		2,967,477.43		
<u>Less: Expenditure for the year</u>		<u>1,499,999.83</u>		
			<u>1,467,477.60</u>	
Balance C/F				8,137,858.06

NATURAL RESOURCES, ENERGY & SCIENCE AUTHORITY OF SRI LANKA

BALANCE SHEET AS AT 31ST DECEMBER 1982

As At 31.12.81

Rs

As At 31.12.82

Rs

Rs

Represented by	Cost as at 1-1-82	Additions/Disposals during the Year	Accumulated Depreciation	Net Balance as at 31.12.82
	Rs	Rs	Rs	Rs
FIXED ASSETS:				
Buildings	1,140,443.01	-	1,043,727.00	96,716.01
Office Equipment & Furniture	508,384.55	99,355.50	523,009.00	84,731.05
Motor Vehicles	538,216.58	-	469,484.00	68,732.58
Motor Bicycles	51,425.00	-	30,855.00	20,570.00
Bicycles	4,190.65	-	4,190.65	-
Sports Equipment	1,504.00	-	1,504.00	-
Accessories & Miscellaneous	35,609.20	6,430.75	36,368.00	5,671.95
Library Books	809,443.57	138,660.90	-	948,094.47
Scientific & Laboratory Equipment on loan	6,168,953.28	296,992.75	3,489,535.00	2,976,411.03
Documentation Equipment	1,572,002.50	598,159.40	948,394.00	1,222,767.90
	10,831,162.34	1,139,599.30	6,547,066.65	5,423,694.99
Telephone Installation				13,953.64
National Emblem				451.64
Work in Progress				992,703.79
				6,330,804.06

CURRENT ASSETS:

Stocks -		60,235.89
Debtors -		243,449.45
Prepayments -		96,555.67
Treasury Deposit		8,873,422.92
Deposits - Schedule No. 7	222,110.90	20,385.05
Balance at Bank A/c No. 1256	45,142.00	
7686		
7572		
Petty Cash		267,252.90
Cash in Hand		5,000.00
		2,478.03
		9,568,779.91
		15,899,583.97

R. J. Jayawardene

Director General
Natural Resources, Energy &
Science Authority of Sri Lanka
47/5, Maitland Place, Colombo 7.

NATURAL RESOURCES ENERGY & SCIENCE AUTHORITY OF SRI LANKA
INCOME & EXPENDITURE A/C FOR THE YEAR ENDED 31ST DECEMBER 1982.

	Rs.	Cts.	Rs.	Cts.
As at 31.12.81.				
Rs.				
<u>INCOME FOR THE YEAR:</u>				
Interest Received	117,818		22,170.55	
Sundry Income	20,415		39,564.54	
Sale of Publications	28,465		57,731.08	
Photocopy Receipts	8,856		6,130.50	
Profit on sale of Motor Vehicles	<u>19,200</u>		<u> </u>	
	194,754		125,596.67	
 <u>LESS EXPENDITURE FOR THE YEAR:</u>				
<u>Council Expenditure:</u>				
Travelling (Council Members, Committees & Panels)	45,347		25,424.83	
Printing & Publications	85			
Entertainment	<u>7,290</u>		<u>7,537.70</u>	
	52,722		32,962.43	
 <u>Staff Emoluments:</u>				
Salaries & Allowances	1,049,826		1,229,752.53	
Employees Provident Fund	91,227		96,424.97	
Employees Trust Fund	18,383		23,877.17	
Overtime	<u>28,202</u>		<u>34,032.87</u>	
	1,187,638		1,384,087.54	
Balance C/F	<u>1,045,606</u>		<u>1,417,049.97</u>	
			125,596.67	

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91151

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My No.

C-19F/N.R.E.S.A./82

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Your No.



විගණකාධිපති දෙපාර්තමේන්තුව
වෙරිටන් වතුරලය, කොළඹ 7, ශ්‍රී ලංකාව
கணக்காய்வாளர் தலைமை அபிவிதித் திணைக்களம்,
வெரித்தூர் சதுக்கம், கொழும்பு 7, இலங்கை.

AUDITOR-GENERAL'S DEPARTMENT
TORRINGTON SQUARE, COLOMBO 7, SRI LANKA (CEYLON)

දිනය/මස/වසර/Date: June 20, 1984.

Auditor General's Report on the Accounts
of the Natural Resources, Energy and Science
Authority of Sri Lanka for the year ended
December 31, 1982.

The audit of the accounts of the Natural Resources, Energy and Science Authority of Sri Lanka for the year ended December 31, 1982 was carried out under my direction in pursuance of Article 154(1) of the Constitution of the Democratic Socialist Republic of Sri Lanka read with Section 13(1) of the Finance Act, No.38 of 1971. In carrying out this audit I was assisted by a firm of Chartered Accountants in public practice. A detailed report containing the results of the audit was furnished to the Chairman on August 10, 1983 in terms of Section 13(7)(a) of the Finance Act. My comments which I consider should be published with the Annual Report of the Authority in terms of Section 14(2)(c) of the Finance Act appear in the paragraphs that follow:

1:2

Scope of Audit:

Audit opinion, comments and findings in this report are based on a review of the financial statements presented to audit and substantive tests of samples of transactions. The scope and extent of such reviews and tests were such as to enable as wide an audit coverage as possible, within the limitations of staff, resources and time available to me. Sub-sections (3) and (4) of Section 13 of the Finance Act, No.38 of 1971 give discretionary powers to the Auditor General to determine the scope and extent of the audit.

2.

Accounts:

2:1

Opinion:

Subject to the comments appearing in paragraph 2:6 of this report, I am of opinion that the accounts presented have been satisfactorily prepared on the basis of generally accepted accounting principles applied on a basis consistent with that adopted in the preceding year.

2:2

Financial Results:

According to the accounts, the working of the Authority for the year ended December 31, 1982 resulted in an excess of expenditure over income of Rs.3,684,732 as compared with Rs.3,242,730 for the previous year.

The following statement gives a detailed summary of the financial results for the year under review and the previous year:

	Year ended <u>Dec. 31, 1982</u>	year ended <u>Dec. 31, 1981</u>
	Rs.	Rs.
<u>Income</u>		
Interest received	22,170	117,818
Sale of Publications	57,731	28,465
Photo copying Receipts	6,130	8,856
Profit on Sale of Motor Vehicles	-	19,200
Others	<u>39,565</u>	<u>20,415</u>
	<u>125,596</u>	<u>194,754</u>
<u>Less: Expenditure</u>		
<u>Authority Expenditure</u>		
Travelling	27,344	47,004
Printing and Publications	-	85
	27,344	47,089
<u>Other Expenditure</u>		
Staff Emoluments	1,384,087	1,187,638
Office Administration	<u>2,398,997</u>	<u>2,202,757</u>
	<u>3,810,328</u>	<u>3,437,484</u>
Net Expenditure	<u>3,684,732</u>	<u>3,242,730</u>

Contd/----- 3

2:3

Special Research Funds:

The details of expenditure incurred from the Special Research Funds are given below:

Description of Fund	Expenditure Year ended <u>31.12.82</u>	Expenditure Year ended <u>31.12.81</u>	Balance as at <u>31.12.82</u>
	Rs.	Rs.	Rs.
Documentation Unit Capital Fund	296,353	246,491	654,171
Research Grants Fund	1,500,000	1,340,000	1,467,477
Man and Biosphere Fund	161,865	430,814	259,338
Miscellaneous Fund	290,945	189,414	85,213
Scientific Manpower Project Fund	38,198	136,131	175,940
Working Committee Fund	307,508	124,613	248,728
Approved International Collaborative Programme	-	-	101,518
Research Unit Fund	-	20,000	148,600
Swedish Agency for Research Co-operation in Developing Countries Fund	<u>626,229</u>	<u>1,273,775</u>	<u>4,953,190</u>
	<u>3,221,098</u>	<u>3,761,238</u>	<u>8,094,675</u>

Contd/----- 4

2:4 Financial Structure:

The financial structure of the Authority as at December 31, 1982 as compared with that as at December 31, 1981 is given below:

	<u>As at December 31, 1982</u> Rs.	<u>As at December 31, 1981</u> Rs.
<u>Resources</u>		
Authority Fund	6,016,210	6,063,243
Special Funds	<u>8,094,675</u>	<u>6,197,269</u>
	<u><u>14,110,885</u></u>	<u><u>12,260,512</u></u>
<u>Utilisation</u>		
Fixed Assets at written-down value	6,330,804	6,464,500
Net Current Assets	<u>7,780,081</u>	<u>5,796,012</u>
	<u><u>14,110,885</u></u>	<u><u>12,260,512</u></u>

2:5

Source and Application of Funds:

The following statement shows the source and application of funds of the Authority during the year under review:

	Rs.	Rs.
<u>Source of Funds</u>		
Excess of expenditure over income	(3,684,732)	
<u>Add: Adjustments in respect of Previous year</u>	<u>(336,230)</u>	(4,020,962)
<u>Less: Items not involving movement of funds</u>		
Depreciation		<u>1,982,637</u>
		(2,038,325)
<u>Add: Adjustment in respect of Treasury Deposit Account</u>		<u>(338,817)</u>
		(2,377,142)
<u>Less: Other Sources</u>		
Contribution from Government	7,342,503	
Foreign Grants - U.N.D.P.	555,749	
Grants received from the University and S.S.R.C.	<u>36,960</u>	<u>7,935,212</u>
		5,558,070
<u>Application of Funds</u>		
Acquisition of fixed assets	1,848,941	
Expenses on Research Grants	381,522	
Expenditure out of Special Funds	<u>1,343,538</u>	<u>3,574,001</u>
Increase in working capital as analysed below:		<u><u>1,984,069</u></u>

Effect on Working Capital

	<u>Increase</u>	<u>Decrease</u>
	Rs.	Rs.
Stock	-	24,994
Debtors		24,418
Deposits	693	
Pre-payments		9,286
Treasury Deposits	2,303,686	-
Creditors	31,369	-
Accrued Charges	-	57,048
Provisions	550,029	
Cash and Bank Balances	-	785,962
	<u>2,885,777</u>	<u>901,708</u>
Increase in Working Capital		<u><u>1,984,069</u></u>

Contd/----- 6

2:6 Comments on Accounts:

2:6:1 Scientific and Laboratory Equipment on Loan - Rs.2,976,411:

The Scientific and Laboratory Equipment items had been loaned to a number of research grantees, who were required to return them once the research projects were completed. Annual physical verification had not been carried out in respect of these items since 1980. However, at the end of the year the grantees were requested to certify the existence of these items in the Annual Renewal Issue Orders forwarded to them. During the year under review out of 47 grantees only 39 had confirmed the existence of the items of equipment loaned to them by the Authority.

The following items of equipment were reported to have been gone out of order or lost as indicated.

<u>Item of Equipment</u>	<u>Present Position</u>
P.H. Meter	Out of order
Varian Gaschromatograph and Accessories Model 144-10-226V	-do-
Photochemical Reactor	-do-
P.H. Meter	Lost

2:6:2 Petty Cash Imprests with Grantees - Rs.111,785

According to Circular instructions issued by the Authority the Petty Cash Imprests should have been returned in full if no expenditure was incurred for a period of three months.

Age analysis of the unsettled Petty Cash

Imprests is given below:

	Rs.
(a) Petty Cash Imprests outstanding between 3-12 months	23,351
(b) Petty Cash Imprests outstanding between 1-3 years	28,588
(c) Petty Cash Imprests outstanding for over 3 years	20,849

These outstanding petty cash imprests had not been recovered from the defaulters up to date of this report.

2:6:3

Confirmation of balances:

The confirmations had not been obtained for the following:

	Rs.
Sundry Creditors	102,815
Petty Cash Imprests with grantees	67,405
Deposits Receivable	15,385
Deposits Refundable	8,647

3.

Financial and Operating Review:

Research Grants:

The objectives envisaged in the Natural Resources, Energy and Science Authority of Sri Lanka Act No.78 of 1981 are mainly achieved through a system of awarding grants to individuals and Institutions.

The position of the Research Grants as at December 31, 1982 is given below:

<u>Year of Account</u>	<u>1 Year Grant</u>	<u>2 Year Grant</u>	<u>3 Year Grant</u>	<u>Total</u>
1976	-	-	01	01
1977	-	01	01	02
1978	01	02	06	09
1979	02	-	11	13
1980	05	01	07	13
1981	13	17	08	38
1982	28	13	14	<u>55</u>
				<u>131</u>

The annual duration of 44 Research Grants had expired at the end of 1982.

The Chairman informed me in May 1984 that out of the 44 grants reported to have overstepped the period granted for them, 29 had been completed and 3 had been terminated in 1983 and 11 research grants had been granted official extensions. The position regarding one Research Grant that had overstepped the period granted had not been explained.

sgd / J. K. Gunawardena
Actg. Auditor General.

Comments on Accounts

2.6.1 Scientific & Laboratory Equipment out on Loan

Although the Authority had not held Annual Physical Verification of these items of equipment, sample verifications have been held at varied intervals. Two out of the eight grantees who at the time of reporting had not confirmed the existence of the equipment loaned to them as at 31.12.82 have confirmed their existence subsequently. The other six grantees had confirmed the balances as at 31.12.83.

The Variant Gas Chromatograph referred to, as out of order, has been since repaired. Action has been taken to handover one of the pH meters to the University following a decision of the Authority since the grant under which this equipment was provided has been completed.

The photo-chemical reactor has already been transferred to the University of Colombo following the decision of the Authority referred to above. The pH meter referred to as lost has since been written off.

2.6.2 Petty Cash Imprests with Grantees - Rs 111,785/=

NARESA Circular No. A/O4 requests the grantees to return the cash imprests if they remain unutilized for a period of three months. Grantees are constantly reminded of this requirement. Arrangements have now been made to scrutinize closely, the cash imprests outstanding over the stipulated period. Petty Cash imprests outstanding over four years had been mostly with grantees of terminated or cancelled grants. Out of the cash imprests of Rs 20,849/= outstanding over three years, Rs 14,515/= has been written off and Rs 4909/= had been settled in 1983. Of the cash imprests outstanding between one to three years, Rs 13,473/= had been settled and of the cash imprests that were outstanding between three to twelve months, Rs 15,072/= had been settled in 1983 and 1984.

2.6.3 Confirmation of Balances

a) Sundry Creditors - Dr(Mrs) K. Abeynayake had been shown as a creditor for Rs 79,777/84 and Dr(Mrs) C.V.S. Gunatilake for Rs 6411/14 on the premise that the given sums of money are to be paid to them, if they carry out their research projects. Since these two grantees have not been able to

utilize these funds on the grants, the amount could not be settled. An amount of Rs 6949/75 included against Sundry Creditors has been written off in 1984. The balance of the sundry creditors of Rs 9675/75 is again only a book provision to make available the funds already granted to NARESA by NTIS for an Educational Promotional Programme. These monies will also be utilized or paid out only as and when the programme is in progress. Confirmations have not been obtained due to the peculiar nature of these creditors.

- b) Deposits Refundable - Rs 8647/= This had been set-off against a payment due from them in 1983.
- c) Deposits Receivable - Rs 20,385/= The unconfirmed balance of Rs 15,385/= is receivable from four Government Institutions.

3 Financial & Operating Review - Research Grants

One research grant which had overstepped the period granted, had not been allowed an extension, since the work of the grant had been completed, and only the final report is awaited. No financial assistance had been given for this grant from 1983.