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ஆண்டறிக்கை
ANNUAL REPORT

1975

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இலங்கை தேசிய விஞ்ஞான மன்றம்
NATIONAL SCIENCE COUNCIL OF SRI LANKA

National Science Council of
Sri Lanka (Ceylon),
47/5, Maitland Place,
Colombo 7.

27th December 1976

The Minister of Industries &
Scientific Affairs,
The Ministry of Industries &
Scientific Affairs,
48, Sri Jinaratana Road,
Colombo 2.

Dear Sir,

Annual Report of the National Science Council of Sri Lanka
(Ceylon) for the period 1st January 1975 to 31st December 1975

In terms of Section 28 of the National Science Council of
Ceylon Act No. 9 of 1968, I have the honour to submit the Annual
Report of the National Science Council of Sri Lanka (Ceylon)
for the period 1st January to 31st December 1975 together with

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

Yours faithfully,

(Dr. O.W. Jayaratne)

Chairman

NATIONAL SCIENCE COUNCIL

REPORT OF THE NATIONAL SCIENCE COUNCIL OF SRI LANKA
COVERING THE PERIOD 1 ST JANUARY 1975 TO 31 ST DECEMBER 1975

I MEMBERS OF THE NATIONAL SCIENCE COUNCIL

CHAIRMAN

Dr. O.W. Jayaratne

(Appointed in terms of Section 7(1) of the
National Science Council Act No. 9 of 1968)

VICE CHAIRMAN

Mr. D.B. Pattiaratchi

(Elected in terms of Section 7(2) of the
National Science Council Act No. 9 of 1968)

MEMBERS

Prof. B.A. Abeywickrema

Mr. L.A.C. Alles (appointed, February 1975)

Mr. H.C.D. de Silva

Dr. N.N. de Silva (resigned, February 1975)

Dr. R.C. de Silva

Dr. M.A.V. Devanathan

Dr. L.H. Fernando

Dr. L.P.D. Gunawardena

Mr. S.F. Laurentius

Mr. A.S. Mendis

Mr. T.W. Mendis

Dr. W.R.M. Nathanael

Dr. C.R. Panabokke

Dr. J.W.L. Peiris

Dr. O.S. Peries

Mr. M.M. Pillai

Mr. M. Ranaweera

Prof. K.N. Seneviratne

Mr. A.E.K. Tissaverasinghe

SECRETARY GENERAL

Dr. G.C.N. Jayasuriya

STAFF

SECRETARY GENERAL

G.C.N. Jayasuriya B.Sc.(Cey.), Ph.D.(Sheffield),
C.Chem., F.R.I.C., F.I.Chem.C.

SCIENTIFIC OFFICERS

Mrs. Seetha I. Rodrigo B.Sc.(Cey.), Ph.D.(Nottingham),
F.I.Chem.C.(resigned, December 1975)

Mrs. Marina B. de Silva B.Sc.(Cey.), M.Sc.(Manchester)

Mrs. Clodagh M. Fernando B.Sc.(Cey.) (appointed, October 1975)

Mrs. Ponmani Goonewardena B.Sc.(Cey.), Ph.D.(Aberdeen)
(appointed, December 1975)

Mrs. M. Iranganie Thabrew B.Sc.(Cey.), Ph.D.(Southampton)
(resigned, August 1975)

N. Shanmugaratnam B.Sc.Agric.(Cey.), M.Sc.Agric.(Japan)
(resigned, August 1975)

Mrs. Swarna P. Prelis B.Sc. (Cey.)

Mrs. Nimala M. Amarasuriya B.Sc.(Cey.) (appointed, October 1975)

ADMINISTRATIVE SECRETARY

J.C.P. Jayasinghe B. Com. (Cey.)

STAFF ASSISTANT

G. Wijayawickrema B.A.(Cey.) (appointed, April 1975)

ACCOUNTANT

M.F. Hathy

LIBRARIAN/PUBLICATIONS OFFICER

Miss V.B. de Silva B.A.(Cey.), Dip.Lib.(Cey.),
A.L.A. (resigned, December 1975)

II THE COUNCIL

The term of office of the Council expired on the 2nd of May 1975. As the new National Science Council of Sri Lanka Bill had been presented to the National State Assembly on 23rd May 1975, the Minister re-appointed the members of the Council till the new Bill became law. In February 1975, Dr. N.N. de Silva resigned from the Council, and Mr. L.A.C. Alles was appointed in his place.

Nine meetings of the Council were held during 1975.

III ACTIVITIES OF THE COUNCIL

NEW NATIONAL SCIENCE COUNCIL OF SRI LANKA BILL

The new National Science Council of Sri Lanka law was approved by the National State Assembly in August 1975 and the speaker had given his assent to the law on 9th September 1975. The Minister has gazetted the 1st of January 1976 as the 'appointed date' on which the National Science Council of Sri Lanka Law No. 36 of 1975 will become operative.

RESEARCH GRANTS AND SCHOLARSHIPS BOARD

The Board continued to administer the scheme of research grants, Fellowships, Studentships and Junior Research Awards started in 1969/70.

Progress on continuing grants has been limited for a number of reasons a major factor being delays in obtaining equipment/chemicals on licences issued against foreign exchange allocations.

In spite of some difficulties this scheme has continued to function satisfactorily and has catalysed R & D activity within the scientific community to a considerable extent. This was evidenced by the response received on the advertisement for Research Grants for Approved Projects for 1976. (Current Research Projects funded by the Council is shown in appendix **XX**)

SCIENTIFIC MANPOWER PROGRAMME

There were considerable difficulties in implementing this programme. The programme is being implemented with some University teachers as supervisors. However, due to difficulties in obtaining equipment from abroad, the progress of this project has not been very satisfactory.

MAN AND THE BIOSPHERE PROGRAMME

Five sub-committees were appointed, under this programme.

- Namely :
1. Forestry and Forest Ecology
 2. Environmental Pollution and Pollution Control
 3. Education and Training in Environmental Studies
 4. Grassland Ecosystems
 5. Impact of Human Activities on Natural Ecosystems.

The sub-committee on Environmental Pollution and Pollution Control had one meeting and the sub-committee on Education and Training in Environmental Studies had three meetings and has requested a Grant from the National Science Council to work on a project titled "Taxonomic and Ecological Studies of IBP Reserves". The first stage of this study would be "a study of a selected area in Sinharaja Forest".

MAB Project 3 - "Studies on Pasture improvement in the Hill Country Dry-Zoen patana" (Natural Grassland of Sri Lanka) - Work on this project is being continued.

NATIONAL SCIENTIFIC AND TECHNICAL INFORMATION CENTRE

A Documentation Unit has been set up on a modest scale within the National Science Council. A request for UNDP assistance to develop this Unit into a National Scientific and Technical Information Centre has been submitted to the Ministry for consideration.

JOURNAL OF NATIONAL SCIENCE COUNCIL OF SRI LANKA

In 1975, two issues of the Journal viz. Vol.II, No. 2 and Vol.III, No. 1, were published, Vol.III, No.2 is in press and is expected to be released early in 1976. Members of the Editorial Board appointed on 15th July 1972 continued in office and the Council records its appreciation of their services.

It is gratifying to record, the uninterrupted publication of this journal which has maintained the highest standards required of international research journals.

The need to publish an organ for the dissemination of science information to the wider public, has been felt for sometime and the Council has in an effort to achieve this objective, decided to publish a Science Bulletin. A Bulletin Editorial Board has been appointed and preliminary work for the publication of the bulletin has already commenced.

LIBRARY

For building up the resource collection the ODM (Ministry of Overseas Development of Britain) gave the Council a grant of £. 250 . In utilizing this grant emphasis was given to publications on subjects which come within the objectives of the National Science Council.

The National Science Council library bulletin designed with a view to disseminate literature information covered special and general collections in Vols:I(1) and I(2) respectively. The bulletin covering periodicals and report literature was issued as Vol,I(3).

A number of projects were undertaken with a view to organising the appropriate data for a technical information centre. Many of these were not completed due to factors beyond our control.

WORKSHOP ON NATURAL PRODUCTS

The Workshop on Natural Products referred to in the Annual Report 1974 was jointly sponsored by the National Science Council of Sri Lanka and the National Academy of Sciences - U.S.A. and held at the Hotel Taprobane from June 2nd to June 6th 1975.

Nine U.S. participants led by Prof. Carl Djerassi and fifty five Sri Lanka participants led by Dr. R.O.B. Wijesekera contributed to the deliberations at the Workshop.

The purpose of the Workshop was to identify scientifically sound projects that exploit natural products that are realistic for Sri Lanka, and that can significantly contribute to the nations economic and scientific development. The final report which resulted from the deliberations of the Workshop participants presented a wealth of suggestions for improvement of ongoing programmes, for marshalling latent resources and for experimenting with new food and export crops is being published.

A companion report "SLICHEM" (Sri Lanka International Chemistry Programme) outlining a major proposal to expand and upgrade natural products research in Sri Lanka Universities and Research Institutes has been submitted to the Government for consideration.

MAINTENANCE OF SCIENTIFIC EQUIPMENT AND INSTRUMENTS -- FOREIGN EXCHANGE REQUIREMENT

A grant of US \$ 3,000 specifically for the maintenance of scientific equipment and instruments was made available to the National Science Council under terms of the UNESCO Participation Programme 1975/76. This was utilised to service part of the requirements of University research laboratories.

The response to the circular sent to all government departments, research institutions and public corporations requesting that they apply for urgently required spares was phenomenal and requests totalled over US \$ 10,000. Accordingly the Council was compelled to meet this dire need with part of its own foreign exchange allocation.

UNESCO/COSTED MEETING ON THE PRESENT ROLE OF UNIVERSITIES IN SCIENTIFIC DEVELOPMENT

The National Science Council of Sri Lanka, along with the University of Sri Lanka and the Sri Lanka National Commission for UNESCO hosted this Seminar on behalf of the Government of Sri Lanka. The meeting was held at the "Holiday Inn", Colombo and was declared open by the Vice-Chancellor of the University, Mr. L. H. Sumanadasa. Representatives from Afghanistan, Burma, India, Pakistan and Sri Lanka together with COSTED representatives from Argentina, India, Japan and USSR participated. In addition, a representative from the Division of Scientific Research and Higher Education, UNESCO - Paris, and a representative from the UNESCO Regional Office for Science and Technology for South and Central Asia, New Delhi also participated.

The primary objective of the meeting was to discuss how the Universities could be brought closer to the urgent and immediate needs of the developing countries, individually as well as from the basis of regional co-operation. The discussion centered on topics like University Structure, Curriculum Development, Research Training as well as the interface between the University on the one hand, and industry, government and society on the other hand.

The meeting was conducted in four sessions. The first was devoted to Science Teaching, the second to Scientific Research and the third to External Interface. During each session, keynote addresses were presented and individual participants were

invited to present their views in the form of papers. Working groups were appointed to review the discussions and formulate recommendations. The final session was devoted to the recommendations of the meeting.

UNISIST NATIONAL COMMITTEE

A Report was submitted to UNISIST on Sri Lanka activities for 1975 and Dr. Podoinitsin visited Sri Lanka in November in connection with the regional meeting of Experts on Information Infrastructure Development-South and Central Asia -- 19-21 February 1976.

ENTRY INTO THE UNIVERSITY - STANDARDIZATION AND DISTRICT QUOTA SYSTEM

The National Science Council appointed a sub-committee with Dr. O.W. Jayaratne as Chairman, Prof. C. Dahanayake, Prof. P.C.B. Fernando, Dr. G.C.N. Jayasuriya, Prof. M.L.T. Kannangara, Mr. D.B. Pattiaratchi, Mr.M.M. Pillai, Mr.M. Ranaweera, Prof. P.P.G.L. Siriwardena, Dr. R.O.B. Wijesekera and Dr. Seetha Rodrigo to study this problem and to submit a memorandum to the Sectoral Committee of the National Planning Council on Social Overheads, Mass Media, Housing and Transport.

This memorandum was prepared and submitted on the 26th of February 1975.

FOLLOW-UP OF THE RECOMMENDATIONS OF THE CABINET SUB-COMMITTEE ON "BRAIN DRAIN"

The Council appointed the same Committee which drew up the memorandum for submission to the Cabinet Sub-committee to study the recommendations and submit proposals to the Implementation Committee. A memorandum was prepared and submitted to the Implementation Committee.

INDO-SRI LANKA SCIENCE CO-OPERATION

The above agreement was signed on behalf of the Government of Sri Lanka by the Minister of Industries and Scientific Affairs in February 1975. Correspondence is now taking place between the Department of Science and Technology of India and the Ministry of Industries and Scientific Affairs, Sri Lanka on the implementation of this agreement.

INTERNATIONAL MEMBERSHIP

The Council continued as the adhering member for Sri Lanka on the following International Organizations :

- (a) Commonwealth Science Council (CSC)
- (b) International Council of Scientific Unions (ICSU)
- (c) Association for Science Co-operation in Asia (ASCA)
- (d) International Union of Physiological Sciences (IUPS)
- (e) International Foundation for Science (IFS)
- (f) International Union of Nutritional Sciences (IUNS)

OVERSEAS VISITS

Mr. N. Shanmugaratnam was nominated for a course on environmental aspects of development, held from 5th May - 8th June 1975 at the Asian Institute for Economic Development for Planning, Bangkok.

Miss V.B. de Silva served as an ESCAP consultant to the Asian Institute on Economic Development and Planning.

Dr. G.C.N. Jayasuriya -- Executive Committee, Commonwealth Science Council, London - July 1975.
Visited China on the invitation of the Scientific and Technical Association of People's Republic of China - October 1975.

Mrs. Marina de Silva was nominated to represent Sri Lanka at the meeting of Directors of Science Policy and Research, for Asia and Oceania held in Kuala Lumpur from 24-29 November 1975.

COUNCIL VISITORS

A Workshop on "Information retrieval systems and information retrieval was organised by the National Science Council from 13 - 14 January 1975. The guest lecturer was Prof. F.W. Lancaster of the Graduate School of Library Science, Illinois. Participants were 22 librarians from major Scientific and Technological libraries.

Dr. Eugene Garfield, President, Institute of Scientific Information, Philadelphia addressed a group of 15 librarians on the activities of the Institute.

Prof. W. Feldheim, Professor of Food Science, University of Giessen, Federal Republic of Germany visited the Council and led a group discussion on problems in Food Science. Several Scientists representing research activity in the various branches of Food Science in the country participated.

Dr. S. Bhagavantam, Dr. S. Ramakrishna, Dr. Jorge Sahade, Dr. Takeo Watanabe and Dr. E. Shershnev from COSTED had discussions with the staff and the members of the Council.

Mr. R. Dencker, German Cultural Institute visited the Council and had discussions with the staff and the members of the Council.

ANNEXE I

MEMBERSHIP OF THE STANDING COMMITTEES AND PANELS 1975

I. Research Grants & Scholarships Board

Mr. D.B. Pattiaratchi (Chairman)
Prof. B.A. Abeywickrema
Dr. M.A.V. Devanathan
Dr. G.C.N. Jayasuriya
Mr. S.F. Laurentius
Dr. J.W.L. Peiris
Mr. M.M. Pillai
Prof. K.N. Seneviratne
Dr. Seetha Rodrigo (Secretary)

II. Establishments Committee

Dr. Osmund Jayaratne (Chairman)
Mr. D.B. Pattiaratchi
Dr. G.C.N. Jayasuriya
Dr. R.C. de Silva
Mr. J.C.P. Jayasinghe (Secretary)

III. Journal of the National Science Council - Editorial Board

Dr. G.C.N. Jayasuriya (Chairman)
Prof. P.W. Epasinghe
Dr. M.L.T. Kannangara
Prof. S. Mahalingam
Dr. R.O.B. Wijesekera
Dr. C.R. Panabokke
Mr. D.B. Pattiaratchi
Dr. S.P.F. Senaratne
Prof. K.N. Seneviratne
Mr. A.E.K. Tisseverasinghe
Miss Clodagh Nethsinghe
Miss Vijita de Silva (Secretary)

IV. National Committee for Radio Science, Aeronomy and Space Science

Dr. M.L.T. Kannangara (Chairman)
Mr. E.K.P. Ekanayake
Prof. P.C.B. Fernando
Prof. C. Dahanayake
Mr. H.D.S.A. Gunawardena
Dr. G.C.N. Jayasuriya
Dr. O.W. Jayaratne
Mr. W.M.G. Fernando
Mr. G.S. Jayamaha
Dr. Iranganie Thabrew (Secretary)

V. National Committee on Man and the Biosphere

Prof. B.A. Abeywickrema (Chairman)
Prof. R.R. Appadurai
Dr. G.C.N. Jayasuriya
Mr. E.E. JeyaRaj
Mr. A.S.A. Packeer
Prof. K.N. Seneviratne
Mr. A.M. Ranaweera
Mr. L.C.A. de S. Wijesinghe
Dr. W.P.T. de Silva
Mr. N. Shanmugaratnam (Secretary)
Mrs. S.P. Prelis (Secretary from August 1975)

VI. Sri Lanka UNISIST National Committee

Dr. G.C.N. Jayasuriya (Chairman)
Dr. R.C. de Silva
Mrs. Violet de Souza
Mr. J.P. Senaratne
Miss C.L.M. Nethsingha
Dr. S. Rajanayagam
Mr. A.M. Ranaweera

Mr. M.A.P. Senadhira

Mr. K.D. Somadasa

Mr. D.K. Subasinghe

Mr. P.V. Thamber

Miss Manil Silva

Miss Vijita de Silva (Secretary)

ANNEXE II

Current Research Projects funded by National Science Council

A. Continuing Projects

1969/70		
No.	Project	Name of Investigator & Laboratory
1	"Investigation into the viral aetiology of respiratory enteric infection on agricultural animals with special reference to Goats and Cattle"	Dr.S. Mahalingam, Dept. of Veterinary Science, Peradeniya Campus, Peradeniya
2	"Chemical investigation of endemic plants of Ceylon"	Prof.M.U.S.Sultanbawa, Dept. of Chemistry, Peradeniya Campus, Peradeniya
3	"A study of lactose intolerance among Ceylonese"	Dr.T.W.Wickremanayake, Dept. of Bacteriology, Peradeniya Campus, Peradeniya
4	"Energy expenditure and heat exchange in a tropical environment"	Dr.E.S.G.Hettiarachchi, Dept. of Physiology, Peradeniya Campus, Peradeniya
5	"Induction of flowering of some species of biennial, exotic vegetables in the mid-country of Ceylon"	Prof.Y.D.A.Senanayake, Dept. of Agriculture, Peradeniya Campus, Peradeniya
6	"Chromosomal studies in abnormal children"	Prof. Priyani E. Soysa, Dept. of Paediatrics, Colombo Campus, Colombo
7	"Study on metal complexes with oxygen sulphur and selenium ligands"	Dr. R.S. Ramakrishna, Dept. of Chemistry, Colombo Campus, Colombo

No.	Project	Name of Investigator & Laboratory
8	"Assessment of Uniformity of distribution of ventilation in normal Ceylonese and in patients suffering tropical eosinophilia"	Dr. M.S.Nesarajah, Faculty of Medicine, Colombo Campus, Colombo
9	"Estimation of alcoholic contents and contaminants in local intoxicant preparations"	Dr. N. Kodagoda, Dept. of Forensic Medicine Colombo Campus, Colombo
10	"Spectroscopic investigations of charge transfer to solvent transitions"	Dr. R.H. Wijenaike, Dept. of Chemistry, Vidyodaya Campus, Nugegoda
11	"Survey of pesticide residues in some basic items of food"	Mr. T. Kandasamy, Govt. Analyst Dept., Colombo
12	"Investigation into quantitative determination of polynosic fibres in mixtures with other fibres"	Mr.E.B. Dissanayake, Govt. Analyst Dept., Colombo
13	"An investigation into the physical and chemical properties of fluid and ball point pen inks by the application of optical and chemical analytical techniques"	Mr. A.D.H. Samaranayake, Govt. Analyst Dept., Colombo
14	"Botanical identification and chemical analysis of medical herbs and indigenous medicine"	Dr.E. Karunanayake, Ayurvedic Research Institute, Nawinna, Maharagama
15	"Hydrobiology of Beire lake, Colombo"	Prof. H.H. Costa, Dept. of Zoology, Vidyalankara Campus, Kelaniya

1971		
No.	Project	Name of Investigator & Laboratory
16	"Factors affecting grain sterility of improved varieties of rice <u>Oryza sativa L</u> "	Dr.H.P.M. Gunasena, Dept. of Agriculture, Peradeniya Campus, Peradeniya
17	"Use of Soyabean(<u>Glycine max L</u>) in multiple cropping programmes"	Drs. H.P.M. Gunasena & H.M.W. Herath, Fac. of Agriculture, Peradeniya Campus, Peradeniya
18	"A study of the factors that affect growth and reproduction of <u>Salvinia (auriculata)</u> with a view to find a method of biological control"	Dr. H.M.W. Herath, Fac. of Agriculture, Peradeniya Campus, Peradeniya
19	"The aetiology of necrotizing enteritis". Title changed later to "A study of the Mycobacteriosis in Ceylon"	Prof.S.N. Arsekularatne, Dept. of Bacteriology, Medical Faculty, Peradeniya Campus, Peradeniya
20	"Study of Lipoproteins in vascular disease (coronary & cerebral) in Ceylon in relation to diet"	Dr.A. Nimalasooriya, Dept. of Medicine, Colombo Campus, Colombo
21	"To test for mutagenic effect of some pesticides commonly used in Ceylon"	Dr.W.E. Ratnayake, Dept. of Biological Sciences, Vidyodaya Campus, Nugegoda
22	"Synthetic studies on Essential oil Constituents & marine natural products"	Dr.R.O.B. Wijesekera, C.I.S.I.R., Colombo 7
23	"Preparation of a compendium of spices and essential oils of Ceylon"	Dr.R.O.B. Wijesekera & Miss C.L.M.Nethsinghe, C.I.S.I.R., Colombo 7

1972		
No.	Project	Name of Investigator & Laboratory
24	"Mercury in Fish: Fresh & canned"	Mr. C. Sathkumananthan, Govt. Analyst's Dept., Colombo 7
25	(1) "Study of the attitudes, beliefs & practices of Ayurvedic Physicians in the field of maternal & child welfare" (11) "A study of the pattern of diseases in Ayurvedic practice"	Dr. C. Sivagnanasunderam, Dept. of Public Health, Fac. of Medicine, Peradeniya Campus, Peradeniya
26	"Investigations of natural products of Ceylon of possible medicinal use"	Dr. V. Arkley & Dr. M. Mahendran, Dept. of Chemistry, Colombo Campus, Colombo
27	"Epidemiology of congenital malformation in Ceylon"	Dr. S. M. X. Corea, Dept. of Community Medicine, Fac. of Medicine, Peradeniya Campus, Peradeniya
28	"Investigation into the reduction of contaminants in the manufacture of Caustic soda & by products"	Dr. (Mrs.) W. P. D. Pereira & Dr. J. N. O. Fernando, Dept. of Chemistry, Colombo Campus, Colombo
29	"The study of the feasibility of sugar production from sugar beet as cottage industry"	Dr. M. P. Wesenthi-Pulle, Dept. of Agriculture, Peradeniya Campus, Peradeniya
30	"A spatial model for regional development planning in Ceylon"	Mr. M. W. J. G. Mendis, Town & Country Planning Dept., Katubedde Campus, Moratuwa.
31	"Histological & enzyme histochemical studies on the endometrium & cervix in Ceylonese with particular reference to changes seen following the use of various type of contraceptives"	Dr. G. Vijayaratnam, Dept. of Pathology, Colombo Campus, Colombo

No.	Project	Name of Investigator & Laboratory
32	"Constitutional Government in Ceylon 1948-1971"	Dr. L. J. M. Cooray, 59, Averiwatta Road, Wattala
33	"Construction of an English text to establish the attainment level of a pupil"	Mr. Douglas Walatara, Peradeniya Campus, Peradeniya
34	"Ecology & Microbiology of protozoa of paddy fields"	Dr. P. L. D. Waidyasekera, Dept. of Biological Sciences, Vidyodaya Campus, Nugegoda
35	"Genetical investigations of bronzing disease in paddy"	Dr. H. G. Nandadasa, Dept. of Biology, Vidyodaya Campus, Nugegoda
36	"A study of yeast infection in Sri Lanka"	Dr. Mrs. C. I. de Fonseka, Dept. of Bacteriology, Fac. of Medicine, Colombo Campus, Colombo
37	"Enzymatic breakdown of the fibrous components of coconut kernel"	Dr. S. Wijesundera, Dept. of Biochemistry, Colombo Campus, Colombo
38	"A study of erythrocytic enzyme glucose-6 phosphate dehydrogenase deficiency in Sri Lanka"	Dr. K. P. Abeyratne, Lady Ridgeway Hospital, Colombo
39	"Lichens of Ceylon-A study of the chemical constituents & their antibiotic activity"	Dr. K. T. D. de Silva, Dept. of Chemistry, Vidyodaya Campus, Nugegoda
40	"Studies on the biological aspects of the retting process for the production of coir"	Mrs. K. Vitarana, Laboratory of the Coconut Processing Board, Duke St. Colombo 2.

No.	Project	Name of Investigator & Laboratory
41	"A survey of information resources in Ceylon pertaining to the sciences" (*Pure & Applied Science & Social Sciences)	Miss V.B. de Silva, National Science Council of Sri Lanka, Colombo 7
42	"Battery powered passenger car"	Dr.P.A. de Silva, Katubedda Campus, Katubedda
43	"Investigation of freeze concentration of fruit juices"	Mr.L.A.C. Alles, Dept. for Development of Marketing, Colombo 5
44	"Investigation on fermentation products (wines, vinegar, alcohol) from waste fruit juices"	Mr.L.A.C. Alles, Dept. for Development of Marketing, Colombo 5
45	"Utilization of limes (<u>Citrus aurantifolia</u>)"	Mr.L.A.C. Alles, Dept. for Development of Marketing, Colombo 5
46	"Vegetative propagation of <u>pinus</u> grown in Ceylon"	Dr.K. Vivakanandan, Forest Department, Colombo 2
47	"A study of extra pulmonary tuberculosis in Ceylon"	Dr. C.Barr-Kumarakulasinghe & Prof.S. N.Arsecularatne, Fac. of Medicine, Peradeniya Campus, Peradeniya
48	"The changing structure of intercaste relations in the Tangalle area "	Mr. Sunimal Fernando, Dept. of Sociology, Peradeniya Campus, Peradeniya
49	"Energy & Protein supplementation in animal rations"	Mr.R.W.A.S.B.Rajaguru, Dept.of Animal Husbandry, Peradeniya Campus, Peradeniya

No.	Project	Name of Investigator & Laboratory
50	"Determination of the Development of a yeast culture to give higher production of rectified spirits"	Dr. (Mrs.) A.S. Seneviratne, Dept. of Botany, Colombo Campus, Colombo
51	"Virus disease of papaw (<u>Carica papaya</u>) in Ceylon"	Dr. (Mrs.) U. Coomaraswamy, Dept. of Botany, Colombo Campus, Colombo
1973		
52	"Lipase activity in rice bran and its de-activation"	Dr. P.A.J. Perera, Dept. of Biochemistry, Peradeniya Campus, Peradeniya
53	"Biological control of rice weevils"	Dr. V.K. Ganesalingam, Dept. of Zoology, Peradeniya Campus, Peradeniya
54	"Determination of the Optimum condition for the culture of mullet, <u>Mugi Cephalus</u> "	Dr. S.S. de Silva, Dept. of Zoology, Vidyalankara Campus, Kelaniya
55	"Investigation on virus diseases of passion fruit"	Dr. S.N. de S. Seneviratne, Division of Plant Pathology, C.A.R.I., Gannoruwa, Peradeniya
56	"A Prospective study into the pattern of coronary heart disease and risk factors in an urban population in Sri Lanka"	Dr. N.J. Walloppillai, Cardiology Unit, General Hospital, Colombo 10
57	"Abnormal haemoglobins & haemolytic anaemias"	Dr. N. Nagaratnam, Visiting Physician, General Hospital, Colombo

No.	Project	Name of Investigator & Laboratory
58	"Economic geography of the steel industry in Ceylon"	Mr. D.B. Rajapakse, Steel Corporation, Athurugiriya
59	"Social constraints to the development of the fisheries industries between Beruwala and Hambantota"	Mr. Sunimal Fernando, Dept. of Sociology, Peradeniya Campus, Peradeniya
60	"The effect of Russels viper venom on the Kidney of rats and other mammals including a study of the autopsy specimens in the human"	Dr.M. Perumainar, Medical Research Institute, Colombo 8
61	"The investigation of arthritis in the Matara District with a view to proving a possible filertal actiology"	Dr.N. Weerasooriya, Base Hospital, Matara
1974:		
62	"Residual effects of Agrochemicals in soils of Sri Lanka"	Dr.C.S. Weeraratne, Fac. of Agriculture, Peradeniya Campus, Peradeniya
63	"Economics of the tropical fish export industry"	Mr.W.L.E. Alwis, National Zoological Gardens, Dehiwela.
64	"Determination of wild animal reservoir of rabies in Ceylon"	Dr.A. Sathasivam, Medical Research Institute, Colombo 8
65	"Handling and utilization of Cashew 'Apples' (Kaju puhulang) and nuts"	Dr.N.N. de Silva, C.W.E., Research & Development Division, 21, Vauxhall Street, Colombo 2
66	"To investigate the utilization of factory waste from the passion fruit industry"	Dr.(Mrs.)N.S. Kumar, Dept. of Chemistry, Peradeniya Campus, Peradeniya

No.	Project	Name of Investigator & Laboratory
67	"Estimation of alcoholic content & contaminants in local intoxicant preparations"	Dr.M. Kodagoda, Dept. of Forensic Medicine, Colombo Campus, Colombo
68	"Sero-epidemiology of malaria in Sri Lanka"	Dr.T.Ponnudurai, Dept. of Parasitology, Colombo Campus, Colombo
69	"The prevalence of anaemia in tea estate workers and its preventions"	Dr.Brian Seneviratne, Dept. of Medicine, Peradeniya Campus, Peradeniya
70	"Urinary tract infections in surgical wards and catheterised patients"	Dr. Brian Seneviratne, Dept. of Medicine, Peradeniya Campus, Peradeniya
71	"Acute and chronic effects of insecticides on the heart, kidney and liver in humans"	Dr.S. Thambipillai, Dept. of Medicine, Peradeniya Campus, Peradeniya
72	"A study of uterine malformations with reference to 1.Type & incidence 2.Influence on fertility. 3.Early detection 4.Complications & outcome of pregnancy 5.Management"	Dr.P.H.D.H. de Silva, Base Hospital, Negambo
73	"Investigation into the pathogenesis and epidemiology of amoebiasis"	Dr.(Mrs.)S.Rajakulendran, Dept. of Parasitology, Colombo Campus, Colombo
74	"Examination of the societal correlates of housing with a view to providing architects & others responsible for housing planning with a set of guidelines which would better enable them to design buildings particularly for low income urban groups"	Mr.A. Ratnavibhushana, No.30, Wijerama Mawatha, Colombo 7

No.	Project	Name of Investigator & Laboratory
75	"Structural Forms-Foundation for light structure in reclaimed lands"	Prof.A. Thurairajah, Dept. of Civil Engineering, Peradeniya Campus, Peradeniya
76	"Development of local metallic products to standard for export and import substitution"	Dr.A.Ranjith T. de Silva, Fac. of Engineering, Katubedda Campus, Katubedda
77	"Mycological studies of the pattern of fungal infection in school children in Sri Lanka"	Dr.(Mrs.)M.C. Attapattu, Medical Research Institute, Colombo 8
78	"Kap study of family planning among village leaders"	Dr.P. Abeykoon, Dept. of Preventive & Social Medicine, Peradeniya Campus, Peradeniya
79	"A Histopathological study of the effect of molluscicides on <u>Achatina fulica</u> the Kalutara snail"	Dr.W.R. Breckenridge, Dept. of Zoology, Peradeniya Campus, Peradeniya
80	"Study of Rice field breeding mosquitoes associated with the transmission of Japanese Encephalitis"	Dr.W.A. Samarawickrema, Medical Research Institute, Colombo 8
81	"Survey of blue green algae in rice soils of Kandy District and the estimation of nitrogen fixing types"	Dr.S.A. Kulasooriya, Dept. of Botany, Peradeniya Campus, Peradeniya
82	"Plant tissue culture, Hevea and Coconut"	Dr.Rasiah Satchuthananthavale, Rubber Research Institute, Agalawatta
83	"The Chemistry of some native medicinal plants and their pharmacological actions"	Dr.K.T.D. de Silva, Dept. of Chemistry, Vidyodaya Campus, Nugogoda

No.	Project	Name of Investigator & Laboratory
84	"Stapling gun for the manufacture of tea chests"	Mr. A. E. K. Tisseverasinghe, Forest Department, Colombo
85	"A trial of the correction of Anaemia among the estate population by the regular and compulsory administration of oral iron"	Dr. A. N. A. Weerakkody, District Hospital, Avisawella
1975		
86	"Effect of pesticides on some soil biological processes"	Dr. C. S. Weeraratne, Fac. of Agriculture, Peradeniya Campus, Peradeniya
87	"Agronomic studies on Soya bean"	Dr. R. H. G. Clements, Dept. of Crop Sciences, Peradeniya Campus, Peradeniya
88	"Characterization and identification of Citronella strains"	Dr. H. M. W. Herath, Dept. of Agricultural Biology, Peradeniya Campus, Peradeniya
89	"Study of less known agricultural and natural products for animal feeding"	Mr. R. S. B. Rajaguru, Dept. of Animal Husbandry, Peradeniya Campus, Peradeniya
90	"Possibilities of utilising leaf meals in pig and poultry feeding"	Mr. M. S. Wijayasinghe, Dept. of Animal Husbandry, Peradeniya Campus, Peradeniya
91	"Toddy fermentation improvement of efficiency and flavour with reference to commercial exploitation"	Dr. E. R. Jansz & Mr. E. E. Jeyaraj, C. I. S. I. R., Colombo 7

No.	Project	Name of Investigator & Laboratory
92	"Microbiology of Stored grain"	Prof. R.N. de Fonseka, Miss Shamalee de Silva, Dept. of Botany, Colombo Campus, Colombo
93	"Control of stored grain insects"	Dr. Mano Sabaratnam, Dept. of Zoology, Colombo Campus, Colombo
94	"Investigation of the presence of stored grain insects under field conditions in and around Kandy"	Dr. V.K. Ganesalingam, Jaffna Campus, Vaddukodai
95	"Control measures of stored food pests"	Dr. Mano Sabaratnam, Dept. of Zoology, Colombo Campus, Colombo
96	"Biological and Ecological studies of the rice leaf-folder <u>Cnaphalo crosis medinalis</u> "	Dr. H.E. Fernando & Miss S.F.M. Fallil, C.A.R.I., Peradeniya
97	"Cultivation of sugar beet in Sri Lanka and its potential for Sugar production"	Dr. H.P.M. Gunasena, Dept. of Crop Sciences, Peradeniya Campus, Peradeniya
98	"Effect of Urea as a larvicide of helminth parasites of grazing animals when applied as a fertilizer on grasslands"	Mr. N. Sriskandarajah, Dept. of Animal Husbandry, Peradeniya Campus, Peradeniya
99	"Studies on the value of urea as a non protein nitrogen source for ruminants fed poor quality herbage"	Mr. M.C.N. Jayasuriya, Dept. of Animal Husbandry, Peradeniya Campus, Peradeniya
100	"A study of Paramphistomes of Cattle of Sri Lanka"	Prof. H. Crusz & Mrs. E.V. Rajaratnam, Dept. of Zoology, Peradeniya Campus, Peradeniya

No.	Project	Name of Investigator & Laboratory
101	"Investigations into the biology and genetics of the littoral snail <u>clithon oualan-</u> <u>iensis</u> "	Prof. H. Crusz and Mr. L. Nugaliyadde, Dept. of Zoology, Peradeniya Campus, Peradeniya
102	"Studies on Cinnamon to improve quality and production"	Dr.R.O.B. Wijesekera & Mr. A.L. Jayawardena C.I.S.I.R., Colombo 7
103	"Application of production management techniques to a specific problem in a Corporation"	Dr.J.S. Gunasekera, Dept. of Production Engineering, Peradeniya Campus, Peradeniya
104	"Design for Low-Cost living"	Dr.Charles Doidge, Dept. of Architecture, Katubedda Campus, Katubedda
105	"Preparation of anti-venom against poisonous snakes of Sri Lanka"	Dr.D.J.B. Perera, Pathologist, Medical Research Institute, Colombo 8
106	"Endocrine and Metabolic affects of certain family planning procedures"	Dr.R.D. Piyasena, Nuclear Medicine, Peradeniya Campus, Peradeniya
107	"The pattern of diseases and the efficiency of health care delivery at a general hospital in Sri Lanka"	Dr.K.A.Gunawardena, Dept. of Medicine; Peradeniya Campus, Peradeniya
108	"Geographical pathology of tumours of Sri Lanka"	Dr. R.G. Panabokke, Fac. of Medicine, Peradeniya Campus, Peradeniya
109	"Etiology of Cirrhosis in Sri Lanka with reference to mycotoxins in food stuffs"	Mr.U. Samarajeewa, Dept. of Microbiology, Peradeniya Campus, Peradeniya

No.	Project	Name of Investigator & Laboratory
110	"The determination of the aetiology of the polyuria in patients with hyper parathyroidism"	Dr.K. Jayasena, Dr.T. Sooriyamoorthy, Peradeniya Campus, Peradeniya
111	"The relationship of plasma renin levels to the extent of vascular damage in hypertensive patients"	Dr.T. Varagunam, Dr.T. Sooriyamoorthy, Dr.K. Jayasena, The Medical School, Peradeniya
112	"The immunological responses of <u>Ascaris lumbricoide</u> in man and experimental animal"	Dr.(Mrs.)M.de S. Wijesundera; Dept. of Parasitology, Peradeniya Campus, Peradeniya
113	"A study of the amoebic conditions of the thorax"	Dr.N.Ganeshanathan, General Hospital, Ratnapura
114	"A study of the features & management of corrosive strictures of the Oesophagus, with special reference to those caused by Acetic Acid"	Dr.N. Ganeshanathan, General Hospital, Ratnapura
115	"The aetiology of necrotising enteritis"	Prof.S.N.Arseculeratne, Dept. of Bacteriology, Peradeniya Campus, Peradeniya
116	"The mechanism of resistance to aflatoxin"	Prof.S.N.Arseculeratne, Dept. of Bacteriology, Peradeniya Campus, Peradeniya
117	"Prophylactic value of monthly Benzathine Penicilli in Rheumatic fever in Sri Lanka"	Dr.H.N. Rajaratnam, General Hospital, Ratnapura
118	"Effect of maternal nutrition on foetal & infant growth"	Miss Chitra Wellappili, Dept. of Biochemistry, Peradeniya Campus, Peradeniya

No.	Project	Name of Investigator & Laboratory
119	"An evaluation of medical internship"	Dr. Palitha Abeykoon, Dept. of Preventive & Social Medicine, Peradeniya Campus, Peradeniya
120	"Prospective medical survey at the national textile mill Thulhiriya"	Dr. M.R.I. Salgado, General Hospital, Anuradhapura
121	"Study of compounds suitable for use as substitutes in the perfumery industry"	Dr. V. Kumar & Dr. S. Mageswaran, Dept. of Chemistry, Peradeniya Campus, Peradeniya
122	"Variation of run off characteristics and other Hydrological functions of a basin with forest and range cover"	Mr. G.E.M. Gomez, D.I.E. Hydrology Division, Irrigation Dept., Colombo 7
123	"Marketing of minor export crops in patha Dumbara area through co-operations case study"	Mr. N.T.M. Kularatne, School of Co-operation, Polgolla
124	"An empirical study of decision making resource use efficiency and response of farmers to technological innovations in peasant agriculture"	Dr. Nihal Amerasinghe, Fac. of Agriculture, Peradeniya Campus, Peradeniya
125	"Inflation in Sri Lanka - 1956-1973"	Dr. H.M. Gunasekera, Mr. M. Sinnathamby, Dept. of Economics, Peradeniya Campus, Peradeniya
126	"Non intellectual factors in Academic achievement in Sri Lanka"	Mrs. F.S. Niles, Dept. of Education, Peradeniya Campus, Peradeniya

No.	Project	Name of Investigator & Laboratory
127	"A survey of Environmental Radioactivity"	Prof. P.P.G.L. Siriwardena, Dr. K. Dharmawardena, Radioisotope Centre, Colombo Campus, Colombo
128	"A historical and Sociological study of Bogala mines"	Dr. Michael Roberts, Dept. of History, Peradeniya Campus, Peradeniya
129	"The continuity and change in Agricultural Technology in Sri Lanka"	Dr. W.I. Siriweera, Dept. of History, Peradeniya Campus, Peradeniya
130	"Industrial Effluents"	Dr. P.V.C. Pinnagoda, Division of Occupational Hygiene, Dept. of Labour, Colombo 5
131	"Pesticides"	Dr. P.V.C. Pinnagoda, Division of Occupational Hygiene, Dept. of Labour, Colombo 5
132	"Occupational Injuries"	Dr. P.V.C. Pinnagoda, Division of Occupational Hygiene, Dept. of Labour, Colombo 5
133	"Pollutants"	Dr. P.V.C. Pinnagoda, Division of Occupational Hygiene, Dept. of Labour, Colombo 5
B. <u>New Projects Commencing 1976</u>		
1	"Introduction and evaluation of <u>Psophecarpus tetragonolobus</u> varieties"	Dr. H.M.W. Herath, Dept. of Agric. Biology, Peradeniya Campus, Peradeniya
2	"Erosion Control methods"	Dr. A. Kandiah, Dept. of Agricultural Eng. Fac. of Agriculture, Peradeniya Campus, Peradeniya

No.	Project	Name of Investigator & Laboratory
3	"Genetics of resistance to bronzing of paddy"	Dr.H.G. Mandadasa, Dept. of Biological Sciences, Vidyodaya Campus, Nugegoda
4	"Studies on <i>Psophocarpus tetragonolobus</i> L"	Prof.Y.D.A. Senanayake; Dept. of Crop Sciences, Peradeniya Campus, Peradeniya
5	"Oxytocin/Prolactin ration in blood and its effects on lactation"	Mr.N. Sivachelvan, School of Veterinary Sciences, Peradeniya Campus, Peradeniya
6	"Effect of insecticides on soil biological processes"	Dr.C.S. Weeraratne, Fac. of Agriculture, Peradeniya Campus, Peradeniya
7	"A study on the large scale culture of grey mullet"	Dr.S.S. de Silva, Dept. of Zoology, Vidyalankara Campus, Kelaniya
8	"Genetical studies of <i>Culex pipiens fatigans</i> , mosquito vector of filariasis, for eventual use in its control"	Dr.W.E. Ratnayake, Dept. of Biological Sciences, Vidyodaya Campus, Nugegoda
9	"Interactions and relations of protozoa of paddy fields"	Dr.P.L.D.Waidyasekera, Dept. of Biological Sciences, Vidyodaya Campus, Nugegoda
10	"Radio Isotopic studies of Cyanogenic Glucosides"	Dr.K.G.Dharmawardena (Radio Isotope Centre, Colombo Campus) Dr.E.R. Jansz, C.I.S.I.R., Colombo 7
11	"Extraction purification and biochemical investigation of antibiotic compounds in <i>Halimolobos</i> bark"	Dr.H.Goonewardena, Dept. of Botany, Vidyalankara Campus, Kelaniya

No.	Project	Name of Investigator & Laboratory
12	"A study of the Anti-bacterial properties of some Marine Algae and Sponges"	Dr.M. Mahendran, Dept. of Chemistry, Colombo Campus, Colombo
13	"Study of locally available raw material for their suitability in the perfumery industry"	Dr.L.M.V. Tillekeratne, Dept. of Chemistry, Colombo Campus, Colombo
14	"Chemical screening of Alkaloid bearing plants of <i>Strychnos</i> and <i>Cinchona</i> species"	Dr.R.O.B. Wijesekera & Miss L.S. Rajapakse, C.I.S.I.R., Colombo 7
15	"Survey of prescribing practices"	Dr.S.W. Bibile, Fac. of Medicine, Peradeniya Campus, Peradeniya
16	"A prospective study of febrile convulsions & its sequelae in Sri Lanka Children"	Dr.S.S. Drahaman, General Hospital, Kandy
17	"Burns Problem in Sri Lanka"	Dr.J.T. Fernando, General Hospital, Colombo
18	"A study of habits, nutrition and iron deficiency in estate workers with special reference to incidence of Carcinoma of the Oesophagus"	Dr.N.Ganeshanathan, General Hospital, Ratnapura
19	"Prospective epidemiological survey of the health of workers occupationally exposed to DDT in the Anti-Malaria Campaign"	Dr.J. Jayaratnam, Dept. of Public Health & Preventive Medicine, Colombo Campus, Colombo

No.	Project	Name of Investigator & Laboratory
20	"Studies on aetiology and treatment of mal-absorptive states in malnourished children"	Dr. S.P. Lamabadusuriya, Dept. of Paediatrics, Fac. of Medicine, Colombo Campus, Colombo
21	"Food consumption patterns and nutritional status of the low socio-economic groups in the urban areas"	Dr. C.C. Mahendra & Dr. W.D.A. Perera, Medical Research Institute, Colombo 8
22	"Operational Research into the cost efficiency of the drug distribution system"	Dr. A. Nimalasuriya, Fac. of Medicine, Colombo Campus, Colombo
23	"(1) Study of the Mosquito <u>Culex Pipieno Fatigans</u> in different areas of Sri Lanka in relation to the transmission of filariasis. (2) A study of the distribution & prevalence of Aedes mosquitoes in 18 towns in relation to the Epidemiology of Dengue Fever"	Dr. W.A. Samarawickrema, Medical Research Institute, Colombo 8.
24	"Carcinogenesis—A Biological point of view"	Dr. S. Sriharan, Dept. of Anatomy, Fac. of Medicine, Peradeniya Campus, Peradeniya
25	"The immunology of acute and chronic malaria, including the tropical splenomegaly syndrome"	Miss E.C. Virasinghe, Dept. of Medicine, Fac. of Medicine, Colombo Campus, Colombo
26	"Attempt to find the aetiology of infantile tremor syndrome"	Dr. C. de S. Wijesundera, General Hospital, Kandy

No.	Project	Name of Investigator & Laboratory
27	"Geomagnetic Micropulsations"	Prof.M.L.T.Kannangara, Dept. of Physics, Colombo Campus, Colombo
28	"Extraction of economically useful natural products"	Dr.S. Sootheeswaran & Dr.A. Leslie Gunatilake, Dept. of Chemistry, Peradeniya Campus, Peradeniya
29	"Community development and the problem of popular participation"	Mr.P.A. Sisira Kumar, Dept. of Sociology, Peradeniya Campus, Peradeniya
30	"Pathogenicity, treatment and immunology of cattle and goats to trichostrongyloid infections" 1.Mecistocircus digitatus 2.Trichostrongylus colubriformis	Dr.S.T. Fernando, School of Veterinary Science, Peradeniya Campus, Peradeniya
Scientific Manpower Development Programme (Plant Sciences)		
1	"Ecology of Grassland Vegetation of Hantane Hills"	Dr.M.A.Pemadasa, Peradeniya Campus, Peradeniya
2	"Comparative Biology of Crotalaria Spp"	Dr.M.A. Pemadasa, Peradeniya Campus, Peradeniya
3	"An investigation into the occurrence of parthenocarpy in coconut, <u>Cocos nucifera</u> L particularly in the variety <u>Nana</u> (dwarfs)"	Dr.M.A.F.Kerthiraratne, Coconut Research Institute, Lunuwila
4	"Evaluation of herbicides for lowland and upland rice (<u>Oryza sativa</u> L.)"	Dr.H.P.M. Gunasena, Fac. of Agriculture, Peradeniya Campus, Peradeniya

MAB Programme - Research Projects

No.	Project	Name of Investigator & Laboratory
1	"Preparation of Check Lists of Fauna & Flora of Sri Lanka"	Prof. B.A. Abeywickrema, Dept. of Botany, Colombo Campus, Colombo
2	"Demarcating and Fencing Under IBP Arboreta"	Dr. W.R.H. Perera, Conservator of Forests, Forest Dept., Kew Road, Colombo 2
3	"Studies on pasture improvement in the Hill Country Dry Zone (natural grasslands) of Sri Lanka"	Prof. R.R. Appadurai, Dean, Fac. of Agriculture, Peradeniya Campus, Peradeniya

NATIONAL SCIENCE COUNCIL OF SRI LANKA
BALANCE SHEET AS AT 31ST DECEMBER 1975

As at 31.12.74

Rs.	Rs.	cts.	Rs.	cts.
602,492			654,275.14	
550,000			500,000.00	
15,000				
1,167,492			<u>1,154,275.14</u>	
436,283			<u>582,970.45</u>	
731,209				

571,304.69

FUNDS EMPLOYED

National Science Council Fund

Balance on 1st January 1975 -- Schedule No. 1

Add: Drawings from Treasury

Add: Treasury Deposit

Less: Excess of expenditure over income

Research Grants - Funds

Approved Projects Account

Drawings from Treasury

Less: Transfer to MAB Project 3

Less: Expenditure for the year ended 31.12.1975

700,000.00
29,568.71
<u>670,431.29</u>
<u>670,431.29</u>

Man & the Biosphere Account

Balance on 1st January 1975

Less: Expenditure for the year ended 31.12.1975

35,541.93
<u>13,483.55</u>

22,058.38

MAB Project 3 funds provided in 31.12.1974

MAB Project 3 funds transferred from Research Grants

Less: Expenditure for the year ended 31.12.1975

30,231.29
29,568.71
59,800.00
<u>59,800.00</u>

Man Power and Expenditure Account

Balance on 1st January 1975

Less: Expenditure for the year ended 31.12.1975

1,641.00
<u>- -</u>

1,641.00

Survey of Raw Materials Account

Balance on 1st January 1975

Less: Expenditure for the year ended 31.12.1975

440.00
<u>- -</u>

440.00

768,832

C/F

24,139.38 571,304.69

Rs.

768,832

575,000

201,708

373,292

1,142,124

13,960

--

10,019

58,881

82,8601,224,984

Rs. cts.

24,139.38

Rs. cts.

571,304.69

373,291.84

200,000.00

573,291.84

9,750.00563,541.84587,681.221,158,985.91

39,349.23

1,550.14

21,474.93

369,077.60431,451.901,590,437.81B/F
Scientific Man Power Project Account

Balance on 1st January 1975

Drawings from Treasury

Less: Expenditure for the year ended 31.12.1975

CURRENT LIABILITIES

Creditors - Schedule No.1

UNILIST Conference - Schedule No.3

Funds to the credit of Continuing Research Projects -Schedule No.4

Provisions for Research Grants out of 1975 Allocation-Schedule No.5

Dr. O. W. Jayaratne
Chairman,Dr. G. C. N. Jayasuriya
Secretary-General,

National Science Council of Sri Lanka. National Science Council of Sri Lanka.

**NATIONAL SCIENCE COUNCIL OF SRI LANKA
BALANCE SHEET AS AT 31st DECEMBER 1975**

REPRESENTED BY

As at 31.12.1974

	Cost as at 01.01.1975		Additions during the year		Accumulated Depreciation		Net Balance as at 31.12.75	
	Rs.	cts.	Rs.	cts.	Rs.	cts.	Rs.	cts.
Fixed Assets								
Buildings	83,188.95		10,029.20		23,908.11		69,310.04	
Office Equipment & Furniture	194,694.45		37,566.40		151,979.14		80,201.71	
Motor Car	70,437.32		39,811.90		50,224.76		60,024.46	
Bicycl	793.25		--		763.29		29.96	
Sports Equipment	1,504.00		--		902.40		601.60	
Accessories & Miscellaneous	11,089.45		1,703.50		6,763.38		6,029.57	
Library	37,258.67		13,832.82		--		51,091.49	
	<u>398,886.09</u>		<u>102,943.82</u>		<u>234,541.08</u>		<u>267,288.83</u>	
Telephone Installation of D.P.							13,533.64	
National Emblem							451.64	
Goodwill on Sale & Exchange of Council Publications-Schedule No.6							9,459.07	
Current Assets								
Stocks - Schedule No.7							98,506.90	
Debtors - Schedule No.8							75,540.84	
Repayments - Schedule No.9							3,099.22	
Deposits - Schedule No.10							2,030.00	
Cash & Bank Balances -								
Petty Cash							350.00	
Monies to be banked							200.00	
Cash in hand							--	
Bank Account No. 7572							153,452.49	
No. 7686							<u>966,105.18</u>	
							<u>1,120,107.67</u>	
	<u>873,960</u>						<u>1,299,284.63</u>	
	<u>1,224,984</u>						<u>1,590,437.81</u>	

28,586
 2,736
 500
 1,965
 6,596
 1,161
 662
 4,947
 4,258
 510
 1,500
 1,111
 53,540
 32,949

	Rs . Cts	Rs . Cts	Rs . Cts
B/F			
Postage	4,029.67		
Audit Fees	4,465.00		
Bank Charges	1,115.71		
Sundry Expenses - Schedule No. 12	5,650.67		
Entertainment	4,476.28		
Medical Expenses	315.00		
Advertising	11,551.31		
Maintenance of Motor Car	9,177.66		
Maintenance of Office Equipment & Furniture	2,458.64		
Welfare & Recreation	5,000.00		
Consumables	<u>1,992.40</u>		
Depreciation - Schedule No. 13		75,876.30	
Documentation Centre		80,905.50	
Salaries	<u>17,905.00</u>		
E.P.F. (Council Contribution)	<u>1,309.95</u>		
Excess of Expenditure over Income			19,214.95
RESEARCH			
<u>Approved Projects</u>			
Expenditure on Grants awarded in 1975-Schedule 14	204,264.50		
Provision for balance funds on Grants awarded in 1975 - Schedule No.5(a)	<u>260,535.00</u>		
Grants awarded prior to 1975 Disbursements in 1975 - Schedule No.5(b)	108,490.00		
Provision for balance funds on grants awarded prior to 1975 - Schedule No.5(b)	<u>61,189.86</u>		
Provision for Additional Funds on Research Grants - Schedule No.5(c)		169,679.94	
			<u>35,951.85</u>
			<u>670,431.29</u>
			410,516.07
			3,542.37
			<u>586,512.82</u>
			<u>582,970.45</u>
			464,799.50

439,418
 436,283
 470,000

MAN & THE BIOSPHERE PROJECT

Rs . Cts

Rs . Cts

30,000

MAB Project 3

Expenditure for 1975 - Schedule No.5(a) 48,399.11

Provision for Balance Funds - Schedule No.5(a) 11,400.89

59,800.00

26,083

13,483.55

Expenditure on other MAB Projects-Schedule No. 19

Scientific Manpower Project

Expenditure on Man Power Projects - Schedule No.15 9,750.00

Advertisements on Man Power Projects -

200,479

1,229

201,708

9,750.00

NATIONAL SCIENCE COUNCIL OF SRI LANKA
JOURNAL TRADING & PROFIT & LOSS A/C FOR THE YEAR ENDED 31ST DECEMBER 1975

For the year ended
31.12.1974

	Rs.	cts.	Rs.	cts.	Rs.	cts.
Sales, Exchanges & Complimentaries						
Less: Stock as at 1st January 1975						
Art Paper (1st Consignment)	1,885.68					
(2nd Consignment)	<u>15,980.00</u>					

White Printing			17,865.68			
Manilla Board			4,440.45			
			<u>2,799.30</u>			

25,105.43
20,336.80
460.00

45,902.23

Journals - Schedule No. 16
 Reprints

Add: Expenditure on Production

Purchase of Art Paper						
Purchase of White Printing						
Purchase of Manilla Board						
Cost of Printing Journal & Reprints						
Vol.1 No.2						
Vol.2 No.1						
Vol.2 No.2	7,263.00					
Vol.3 No.1	<u>7,510.00</u>					
Cost of Printing Instructions to Authors						
Sundry Costs - Translations	671.00					
Designing						
Transport	<u>180.00</u>					
Cost of Exchanges & Complimentaries	1,634.98					
Postage	<u>716.30</u>					

15,624.00

2,351.28
63,877.51 3,535.72

Rs.
52,070

1,886
15,200
17,866

4,440
2,792
20,337
460
45,902
6,168
1,911

45,902
6,168
1,911

B/F
Less: Stock as at 31st December 1975

Art Paper (1st Consignment)
(Stock with Printer)
(2nd Consignment)

White Printing
Manilla Board (Stores)
(With Printer)

Journals -- Schedule No. 16
Reprints -- Schedule No. 17

Goodwill on Sales & Exchanges

Rs. ots. Rs. ots. Rs. ots. Rs. ots.
957.20 63,877.51 17,267.43 3,535.72
330.23
15,980.00

17,267.43

2,711.50

2,799.30
35,082.25
772.40

58,632.88

5,244.63
1,708.91

NATIONAL SCIENCE COUNCIL OF SRI LANKA

OTHER COUNCIL PUBLICATIONS TRADING & PROFIT & LOSS ACCOUNT FOR THE YEAR ENDED 31ST DECEMBER 1975

DIRECTORY OF SCIENTIFIC & TECHNICAL PERSONNEL IN SRI LANKA

Sales, Exchanges & Complimentaries

Less: Cost of Production

	Rs.	cts.	Rs.	cts.	Rs.	cts.
Paper	360.00		400.00		760.00	
Printing Charges (covers) & binding	412.40		198.60		611.00	
Stencils	294.30		140.40		484.70	
Ink (Duplicating)	208.00		104.00		312.00	
Designing (Cover)	16.88		8.12		25.00	
	1,291.58		851.12		2,142.70	
	917.76		497.42		1,415.18	
	2,209.34		1,348.54		1,557.88	
	286.80		157.08		443.88	

Add: Cost of Exchanges & Complimentaries

Less: Stock as at 31.12.1975-Schedule 18

Goodwill on Sales & Exchanges

	1,922.54		1,191.54		3,114.00
	944.78		514.04		1,458.82

DIRECTORY OF SCIENTIFIC RESEARCH PROJECTS IN SRI LANKA 1970-1973

Sales, Exchange & Complimentaries

Less: Cost of Production

	Rs.	cts.	Rs.	cts.	Rs.	cts.
Paper	1,368.00		3,040.00		4,408.00	
Stencils	575.35		575.35		1,150.70	
Ink (Duplicating)	390.00		390.00		780.00	
Printing Charges (covers) & binding	487.50		487.50		975.00	
Designing (Cover)	25.00		25.00		50.00	
	2,845.85		4,517.85		7,363.70	
	504.06		2,993.96		3,498.02	
	3,349.91		7,511.81		10,861.72	
	2,341.44		1,471.17		3,812.61	

Add: Cost of Exchanges & Complimentaries

Less: Stock as at 31.12.1975-Schedule 18

Goodwill on Sales & Exchanges

	534.06		2,993.96		3,528.02
	944.78		514.04		1,458.82

	1,008.47		6,040.64		7,049.11
	474.41		3,046.68		3,521.09

SCHEDULE NO. 1NATIONAL SCIENCE COUNCIL FUND

	Rs. cts.	Rs. cts.
Balance on 1st January 1975		731,208.77
<u>Less</u> - Vehicle Loan Deduction (1974)	315.00	
Depreciation Adjustment--		
Schedule No.20	88,597.83	
Treasury Deposit	<u>15,000.00</u>	
		<u>103,912.83</u>
		627,295.94
<u>Add</u> - Interest on Vehicle Loan (1974)	65.00	
Recalled Funds on Research Pro-		
jects (2/RG/72/34--Prof. P. Senevi-		
ratne - 10,325.50)		
(2/RG/72/29--Dr. D. D. Wanasinghe &		
Dr. M. R. M. Pinto 5,294.12)		
	15,619.62	
Repayment of Bond Dr. Rodrigo	<u>11,294.58</u>	
		<u>26,979.20</u>
		<u>654,275.14</u>

SCHEDULE NO. 2CREDITORS

	Rs. cts.
Auditor General ..	3,515.00
Don Carolis & Co. Ltd. ..	2,162.50
Lanka Furnishing House ..	11,822.50
Felix Pereira & Son ..	596.71
N. Karunaratne ..	4,257.40
Ceylon Electricity Board ..	900.28
Post Master General (Telephone) ..	825.35
University Printer, Katubedda Press ..	14,773.00
Prepayments - Journal of the NSC ..	<u>496.49</u>
	<u>39,349.23</u>

SCHEDULE NO. 3UNISIST CONFERENCE - DECEMBER 1974

	Rs. cts.
Contribution by U.N.D.P.	10,125.00
<u>Less:</u>	
Supplies from National Science Council	<u>8,574.86</u>
Excess of income over expenditure carried	
forward as a provision against bad debts	
on advertising Account	<u>1,550.14</u>

SCHEDULE NO. 4FUNDS TO THE CREDIT OF CONTINUING RESEARCH PROJECTS

	Rs. cts.	Rs. cts.	Rs. cts.
<u>Provided in 1973</u>			
<u>GRANT NO.</u>			
2/RG/72/12	1,829.49		
2/RG/72/24	1,243.04		
2/RG/72/38	<u>1,000.00</u>		
		4,072.53	
2/RG/73/18	202.40		
2/RG/73/19	<u>1,000.00</u>		
		<u>1,202.40</u>	
			5,274.93
<u>Provided in 1974</u>			
2/RG/72/30		1,150.00	
2/RG/74/3	1,800.00		
2/RG/74/18	12,250.00		
2/RG/74/31	<u>1,000.00</u>		
		<u>15,050.00</u>	
			<u>16,200.00</u>
			<u>21,474.93</u>

SCHEDULE NO. 5PROVISION FOR RESEARCH GRANTS OUT OF 1975 ALLOCATION

	Rs. cts.
Projects awarded in 1975 - Schedule No.5(a)	260,535.00
Projects awarded prior to 1975 -Schedule No.5(b)	72,590.75
Funds provided in 1975 against 1976 Allocation- Schedule No 5(o)	<u>35,951.85</u>
	<u>369,077.60</u>

SCHEDULE NO. 5(a)

PROVISIONS FOR PROJECTS AWARDED IN 1975

GRANT NO.	RES. ASST/ PERSONNEL		EQUIPMENT		CONSUMABLES		TRAVEL	OTHER	FEES	TOTAL
	Rs.	cts.	Rs.	cts.	Rs.	cts.				
RG/75/1	1,500.00						2,000.00	100.00	780.00	10,122.50
2	4,200.00						1,492.40	491.80		8,269.20
3	2,203.35						778.51			4,130.04
4	2,513.80		1,000.00				1,323.55			6,210.96
5	2,472.50		2,453.07		2,000.00	(2,079.46)	200.00			4,695.05
6	1,200.00					9,000.00	3,200.00			13,400.00
7	1,200.00					1,279.17	1,466.25			3,945.42
8	11,188.30					1,626.72				16,815.02
9	9,771.73		4,000.00			393.84	2,064.85			15,230.42
10			3,000.00		3,000.00	1,000.00	4,350.00			13,350.00
11						1,000.00	1,000.00			2,000.00
12	4,600.00					1,552.81	524.00			6,676.81
13	4,148.30		1,178.24			259.85	490.25	164.95		6,242.19
14	38.00		201.75			110.75	154.95	96.16		601.61
15							2,000.00	500.00		2,500.00
16			960.00				706.75			1,666.75
17	5,130.65						1,500.00			6,630.65
18							1,317.60			3,787.60
19	12,400.00						3,000.00	1,993.00		18,026.25
20					470.00	750.00	600.00	700.00	300.00	2,820.00
21	1,200.00		2,000.00			1,869.00	(72.60)			4,996.40
22	1,860.00					226.95		600.00		2,626.95
23			500.00			3,500.00	3,600.00	2,200.00		9,800.00
24, 30, 31					2,500.00	3,500.00	200.00	269.23		3,590.88
25			1,000.00			763.00	200.00		2,700.00	5,862.97
G/F	55,566.63		21,293.66		7,970.00	37,328.57	32,369.11	8,585.14	3,780.00	174,017.67

SCHEDULE NO. 5(a) (Contd.)

GRANT NO.	RES. ASST./ PERSONNEL	EQUIPMENT		CONSUMABLES		TRAVEL	OTHER	FEES	TOTAL
		FOREIGN	LOCAL	FOREIGN	LOCAL				
B/F RG/75/26	Rs. cts. 65,566.63	Rs. cts. 2,354.97	Rs. cts. 21,293.66	Rs. cts. 7,970.00	Rs. cts. 37,328.57	Rs. cts. 32,369.11	Rs. cts. 8,585.14	Rs. cts. 3,780.00	Rs. cts. 174,017.67
27	-	(363.67)	-	540.00	-	200.00	1,000.00	1,800.00	8,000.00
28	720.00	-	150.00	80.00	350.00	250.00	493.50	3,387.25	1,057.08
29	600.00	-	150.00	80.00	250.00	150.00	400.00	-	1,950.00
32	900.00	-	-	-	200.00	200.00	450.00	-	1,680.00
33	250.00	13,469.00	-	-	31.00	500.00	200.00	100.00	1,600.00
34	5,100.00	-	-	-	1,150.00	1,050.00	500.00	-	14,750.00
35	-	-	-	476.47	-	-	100.00	-	7,400.00
36	2,600.00	-	2,346.80	-	19.00	96.60	2,150.55	1,775.00	4,402.02
37	1,070.00	-	-	-	2,058.85	397.00	59.95	-	5,112.35
38	-	-	-	-	67.08	(3.20)	-	-	3,525.85
39	1,785.00	-	-	-	1,077.10	1,177.80	640.00	-	663.88
40	1,200.00	-	-	-	467.20	780.00	300.00	-	4,339.90
41	-	-	-	-	1,573.80	1,515.00	500.00	-	2,947.20
42	4,438.00	-	-	-	-	-	896.00	-	3,984.80
43	-	-	-	-	-	-	-	-	4,438.00
44	-	-	-	-	-	2,480.10	486.15	-	486.15
45	3,600.00	-	-	-	-	-	-	-	2,480.00
46	3,600.00	-	-	-	-	-	-	-	3,600.00
47	7,500.00	-	-	-	-	-	-	-	3,600.00
48	3,000.00	-	-	-	-	-	-	-	7,500.00
	94,429.63	15,823.97	23,940.46	12,146.47	46,562.60	41,165.61	16,761.29	7,842.25	260,535.00

PROVISIONS FOR PROJECTS AWARDED PRIOR TO 1975

AWARDED GRANT NO. TOTAL COMMITMENT FOR 1975

DISBURSEMENTS

BALANCE AS AT 31.12.1975

	Rs.	cts.	Rs.	cts.	Rs.	cts.	Rs.	cts.
Prior to 1972	NSCA/1/17/52	7,800.00		7,800.00				
	-do-	4,000.00		2,660.62				
	-do-	1,625.00		1,515.00				
	NSCA/1/17/51	300.00		300.00				
In 1972	2/RG/72/3	8,550.00	13,725.00		12,275.62			1,449.38
	4	11,000.00		650.00				7,900.00
	6	3,425.00		1,000.00				
	16	1,800.00		1,800.00				2,425.00
	33	3,815.00		3,815.00				
	33	8,411.16		8,411.16				
In 1973	2/RG/73/9	1,000.00	37,001.16		26,676.16			10,325.00
	10	16,320.00		1,000.00				
	14	15,000.00						16,320.00
	16	1,610.00		15,000.00				
	17	4,187.10						1,610.00
		<u>38,117.10</u>		<u>4,187.10</u>				<u>20,187.10</u>
		88,843.26						59,138.88
								<u>17,930.00</u>
								29,704.38

C/F

AWARD	GRANT NO.	TOTAL COMMITMENT FOR 1975	DISBURSEMENTS		BALANCE AS AT 31.12.1975	
B/F		Rs. cts.	Rs. cts.	Rs. cts.	Rs. cts.	Rs. cts.
In 1974	2/RG/74/1	5,100.00	88,843.26	3,651.20	59,138.88	29,704.38
	4	5,930.00			1,448.80	
	5	1,250.00		1,250.00	5,930.00	
	7	10,000.00		10,000.00		
	9	14,200.00		14,200.00		
	15	566.10			566.10	
	19	12,300.00			12,300.00	
	20	2,100.00			2,100.00	
	25	750.00		750.00		
	26	12,000.00		12,000.00		
	28	9,140.58			9,140.58	
	29	7,500.00		7,500.00		
			80,836.68		49,351.20	31,485.48
			169,579.94		108,490.08	61,189.48
			29,568.71			11,400.89
			30,231.29			72,590.75
			59,800.00		48,399.11	

MAB/P/3-1975
(Allocation
(Balance)
1974 Provision

FUNDS PROVIDED IN 1975 AGAINST 1976 ALLOCATIONS

		Rs. .	cts.
NSCA/1/17/51	...	12,000.	00
MAB/P.3	...	8,000.	00
MAB/P.3 (Part Allocation for 1976)		15,951.	85
		<hr/>	
		35,951.	85
		<hr/> <hr/>	

SCHEDULE NO. 6GOODWILL ON SALES & EXCHANGE OF COUNCIL PUBLICATIONS

	Rs.	cts.	Rs.	cts.
Journal of the National Science				
Council --Balance B/F from 1974	2,770.	25		
<u>Add current year's balance</u>	<u>1,708.</u>	<u>91</u>		
			4,479.	16
Directory of Scientific & Technical				
Personnel of Sri Lanka			1,458.	82
Directory of Scientific Research				
Projects in Sri Lanka			<u>3,521.</u>	<u>09</u>
			<u>9,459.</u>	<u>07</u>

SCHEDULE NO. 7STOCKS

	Rs.	cts.	Rs.	cts.
Consumables			2,167.	52
Stationery	32,511.	86		
Manifold Papers with the Printer	<u>364.</u>	<u>65</u>	32,876.	51
White Printing (For Annual Report)			573.	50
Art Papers 1st Consignment (For Journal)	957.	20		
Stock with Printer (--do--)	.330.	23		
2nd Consignment (--do--)	<u>15,980.</u>	<u>00</u>	17,267.	43
White Printing (--do--)			2,711.	50
Manilla Board (--do--)	2,408.	00		
With the Printer (--do--)	<u>391.</u>	<u>30</u>	2,799.	30
Journal of the NSC--Schedule No.16			35,082.	25
Reprints of the Journal of the NSC --				
Schedule No.17			772.	40
Other Council Publications--				
Schedule No.18			<u>4,256.</u>	<u>49</u>
			<u>98,506.</u>	<u>90</u>

SCHEDULE NO. 8DEBTORS

	Rs.	cts.	Rs.	cts.
Distress Loans			24,197.62	
Vehicle Loans			11,750.00	
Bicycle Loans			5,587.12	
Festival Advance			950.00	
NSC Welfare Society			4,269.00	
Cargo Boat Despatch Company			<u>400.00</u>	
			47,153.74	
Advertising re UNISIST Conference	150.00			
CSC Meeting	<u>10,000.00</u>			
			<u>10,150.00</u>	
			57,303.74	
Cash Imprests with 1975 Research Grantees			<u>18,237.10</u>	
			<u>75,540.84</u>	

SCHEDULE NO. 9PREPAYMENTS

	Rs.	cts.
Registrar of Motor Vehicles	157.50	
Insurance Corporation of Sri Lanka	718.98	
Postmaster General (Telephone)	1,561.25	
Postmaster General (Franking Machine)	544.49	
Brown & Co. Ltd. (Franking Machine Service Contract)	<u>117.00</u>	
	<u>3,099.00</u>	

SCHEDULE NO. 10DEPOSITS

	Rs.	cts.
Govt. Publications Bureau	1,500.00	
Felix Pereira & Son	100.00	
Postmaster General (Telephone)	<u>430.00</u>	
	<u>2,030.00</u>	

SCHEDULE NO. 11SEMINARS & SYMPOSIA

	Rs.	cts.
UNESCO/COSTED Conference January 1975	1,520.	43
WORKSHOP ON NATURAL PRODUCTS June 1975	<u>18,946.</u>	<u>94</u>
	<u>20,467.</u>	<u>37</u>

SCHEDULE NO. 12SUNDRY EXPENSES

	Rs.	cts.
(1) Delivery Allowance ..	460.	00
(2) Firstaid Supplies ..	47.	46
(3) Misc. Repairs (Office Equipment) ..	197.	75
(4) Maintenance of Building ..	226.	80
(5) Bicycle Repairs & Maintenance ..	138.	20
(6) Tips to Porters at Airports etc. ..	35.	00
(7) Miscellaneous ..	833.	12
(8) Purchase of uniform material for Drivers & Watchers ..	1,227.	50
(9) Consumables ..	261.	79
(10) Membership fees for Seminars ..	160.	00
(11) Landscaping the Garden ..	1,688.	75
(12) Subsistence ..	56.	00
(13) Sundry Repairs to Car ..	144.	00
(14) Wages for AAC Drivers ..	39.	50
(15) Transport Charges ..	70.	00
(16) Telephone Repairs ..	28.	80
(17) Telephone Calls Overseas ..	<u>36.</u>	<u>00</u>
	<u>5,650.</u>	<u>67</u>

SCHEDULE NO. 13DEPRECIATION

<u>DESCRIPTION OF ASSETS</u>	<u>RATE</u>	<u>AMOUNT</u>
		Rs. cts.
Buildings	10%	9,321.81
Office Equipment & Furniture	20%	46,436.16
Motor Car	20%	22,049.84
Bicycle	25%	198.31
Sports Equipment	20%	300.80
Accessories & Miscellaneous	20%	2,598.58
		<u>80,905.50</u>

SCHEDULE NO. 14

EXPENDITURE ON GRANTS AWARDED IN 1975

GRANT NO.	RES. A.S.T./ PERSONNEL		EQUIPMENT		CONSUMABLES		TRAVEL	OTHER	FEES	TOTAL
	Rs.	cts.	Rs.	cts.	LOCAL	FOREIGN				
RG/75/1	6,000.00	-	-	-	Rs. 412.50	-	Rs. -	Rs. -	Rs. -	Rs. 6,412.50
2	1,400.00	-	-	-	1,315.00	-	7.60	8.20	-	2,730.80
3	8,087.93	-	-	-	1,931.82	-	721.49	88.72	-	10,829.96
4	16,226.20	-	-	-	11,157.46	-	176.45	-	-	35,107.04
5	2,627.50	-	-	-	3,277.45	-	-	-	-	5,904.95
6	6,300.00	-	-	-	-	-	-	-	-	6,300.00
7	9,480.00	-	-	-	900.83	-	533.75	-	-	10,914.58
8	4,951.70	-	-	-	493.28	-	-	-	-	5,444.98
9	608.27	-	-	-	606.16	-	935.15	-	-	2,149.58
10	-	-	-	-	-	-	-	-	-	-
11	-	-	-	-	-	-	-	-	-	-
12	800.00	-	-	-	4,447.19	-	1,976.00	-	-	7,223.19
13	2,451.70	-	1,471.16	-	1,290.15	-	9.75	85.05	-	5,307.81
14	5,662.00	-	2,798.25	-	2,639.25	-	45.05	103.84	-	11,248.39
15	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	1,293.25	-	-	1,293.25
17	9,869.35	-	-	-	-	-	-	-	-	9,869.35
18	600.00	-	-	-	-	-	1,182.40	30.00	-	1,212.40
19	-	-	-	-	366.75	-	-	7.00	-	973.75
20	-	-	-	-	1,050.00	-	-	-	-	1,050.00
21	-	-	-	-	831.00	-	572.60	-	-	1,403.60
22	1,800.00	-	-	-	173.05	-	-	-	-	1,973.05
c/F	76,864.65	-	11,816.34	-	30,891.89	-	7,453.49	322.81	-	127,349.18

SCHEDULE NO. 14 (Contd.)

GRANT NO:	RES. ASST. / PERSONNEL		EQUIPMENT		CONSUMABLES		TRAVEL	OTHER	FEES	TOTAL
	Rs. Cts	Rs. Cts	LOCAL	FOREIGN	IOACL	Rs. Cts				
B/F RG/75/23	76,864.65	-	11,816.34	-	30,891.89	7,453.49	322.81	-	127,349.18	
24,30,31	-	14,078.35	-	-	-	-	30.77	-	14,109.12	
25	-	3,300.03	-	-	287.00	-	-	-	3,587.03	
26	-	-	-	-	-	-	-	-	-	
27	-	1,263.67	-	-	-	-	6.50	672.75	1,942.92	
28	-	-	-	-	-	-	-	-	-	
29	-	-	-	-	-	-	-	-	-	
30	-	-	-	-	-	-	-	-	-	
31	-	-	-	-	-	-	-	-	-	
32	-	-	-	-	-	-	-	-	-	
33	-	-	-	-	-	-	-	-	-	
34	-	-	-	-	-	-	-	-	-	
35	-	-	-	2,253.53	-	-	-	-	-	
36	4,900.00	-	1,153.20	-	591.00	53.40	94.45	-	2,347.98	
37	6,730.00	-	-	-	6,831.95	912.20	690.05	-	7,387.65	
38	750.00	-	-	-	232.92	343.20	-	-	14,474.15	
39	8,315.00	-	-	-	922.90	2,422.20	-	-	1,326.12	
40	300.00	-	-	-	32.80	220.00	-	-	11,660.10	
41	-	-	-	-	780.70	235.00	104.00	-	552.80	
42	3,062.00	-	-	-	-	-	-	-	1,119.70	
43	-	-	-	-	-	-	2,513.85	-	3,062.00	
44	-	-	-	-	-	519.90	-	-	2,513.85	
45	3,900.00	-	-	-	-	-	-	-	519.90	
46	3,300.00	-	-	-	-	-	-	-	3,900.00	
47	4,512.00	-	-	-	-	-	-	-	3,900.00	
48	-	-	-	-	-	-	-	-	4,512.00	
	113,233.65	18,642.05	12,969.54	2,253.53	40,571.16	12,159.39	3,762.43	672.75	204,264.50	

EXPENDITURE ON SCIENTIFIC MANPOWER PROJECT

<u>GRANT NO:</u>		<u>AMOUNT</u>
6/PSG/74/5	..	Rs. 2,750.00
6/PSG/74/6	..	1,950.00
6/PSG/74/8	..	5,050.00
		Rs. <u>9,750.00</u>

SCHEDULE NO. 16STOCKS OF THE JOURNAL OF THE NATIONAL SCIENCE COUNCIL OF SRI LANKA

<u>DESCRIPTION</u>	<u>1ST JANUARY 1975</u>	<u>31ST DECEMBER 1975</u>
	Rs .Cts.	Rs .Cts.
Vol. 1 No. 1	3,448.65	3,386.40
Vol. 2 No. 2	9,382.60	9,218.95
Vol. 2 No. 1		
Art Paper	1,391.48	1,262.04
White Printing	<u>6,114.07</u>	<u>6,021.56</u>
	7,505.55	7,283.60
Vol. 2 No. 2		
Art Paper	-	1,467.44
White Printing	-	<u>5,790.65</u>
		7,258.09
Vol. 3 No. 1		
Art Paper	-	1,518.66
White Printing	-	<u>6,416.55</u>
	<u>20,336.80</u>	<u>35,082.25</u>

STOCK OF REPRINTS OF THE JOURNAL OF THE NATIONAL SCIENCE COUNCIL OF SRI LANKA

<u>DESCRIPTION</u>	<u>31ST DECEMBER 1975</u>
Vol. 2 No. 1	Rs. 482.40
Vol. 2 No. 2	205.00
Vol. 3 No. 1	85.00
	<u>772.40</u>

SCHEDULE NO. 18STOCKS OF OTHER COUNCIL PUBLICATIONSDirectory of Scientific & Technical Personnel in Sri Lanka-1974

<u>IMPORTED PAPER</u>	<u>LOCAL PAPER</u>	<u>TOTAL</u>
Rs. Cts	Rs. Cts	Rs. Cts
157.08	286.80	443.88

Directory of Scientific Research Projects in Sri Lanka-1970-73

Rs. Cts	Rs. Cts	Rs. Cts
1,471.17	2,341.44	3,812.61
		<u>4,256.49</u>

SCHEDULE NO. 19EXPENDITURE ON OTHER MAB PROJECTS

	Rs. Cts
MB/71/1	6,300.00
MB/71/3	7,183.55
	<u>13,483.55</u>

SCHEDULE NO. 20CHANGE IN THE METHOD AND RATES OF DEPRECIATIONDescription of Assets

Reducing instal- Straight line method
ment method

	Rate	Acc. Amount to 31.12.74	Rate	Acc. Amount to 31.12.74	Increase
		Rs .Cts		Rs .Cts	Rs .Cts
Buildings	10%	10,199.11	10%	14,586.30	34,387.19
Office Equipment & Furniture	10%	43,744.86	20%	105,542.98	61,798.12
Motor Car	10%	9,156.85	20%	28,174.92	19,018.07
Bicycle	10%	209.18	25%	564.98	355.80
Sports Equipment	10%	218.08	20%	601.60	383.52
Accessories & Miscellaneous	10%	1,509.67	20%	4,164.80	2,655.13
		<u>65,037.75</u>		<u>153,635.58</u>	<u>88,597.83</u>

Depreciation has been on reducing instalment method up to 31.12.1974. Depreciation has now been calculated on the straight line method to 31.12.1974.

CERTIFICATE OF THE AUDITOR GENERAL

The accounts of the National Science Council for the year ended 31st December 1975 were audited under my direction in pursuance of Section 90(1) of the Constitution of Sri Lanka read in conjunction with Section 13(1) of the Finance Act, No. 38 of 1971.

My observations of these accounts which should be published in terms of Section 14(2) (c) of the Finance Act, No. 38 of 1971 are contained in my report of even date addressed to the Chairman of the Corporation/Board.

Auditor General

Audit Office

Colombo 7

22.12.1976

My No:C-18/N.S.C./75

Auditor General's Department,
Torrington Square,
Colombo 7
22nd December 1976

The Chairman,
National Science Council of Sri Lanka

The Audit of the accounts of the National Science Council of Sri Lanka for the year ended December 31, 1975 was carried out under my direction in pursuance of Section 90 of the constitution of Sri Lanka and Section 13(1) of the Finance Act No. 38 of 1971.

My report in terms of Section 14(2) (c) of the Act appears in the paragraphs that follows :-

2. Accounts

2.1 Opinion

I am of the opinion that the accounts presented have been satisfactorily prepared on the basis of the generally accepted accounting principles applied on a basis consistent with that adopted in the previous year subject to my comments in paragraph 2.4 of this report.

2.2 Financial Results

According to the accounts the excess of expenditure over income for the year ended December 31, 1975 amounted to Rs. 582,970 as against Rs. 436,284 for the previous year.

The total special research expenditure channelled through the Council during the year amounted to Rs. 753,465 as against Rs. 727,791 for the previous year.

A comparison of the income and expenditure of the Council and the special research expenditure channelled through the Council during the year 1975 and 1974 is shown below:

	<u>1975</u>	<u>1974</u>
	Rs.	Rs.
<u>Expenditure</u>		
Research Studentships		
& fellowships	47,300	63,993
Seminars & Symposia	20,467	-
Other Council expenditure	27,902	27,715
Staff emoluments	314,846	261,222
Office administration	75,876	53,540
Depreciation	80,906	32,949
Documentation Centre		
Salaries & E.P.F.	<u>19,215</u>	-
	586,512	439,419
<u>Less Income</u>		
Interest on loans & advances	3,279	1,953
Profit on sale of fixtures	-	925
Other incomes	<u>263</u>	<u>257</u>
	<u>3,542</u>	<u>3,135</u>
Excess of expenditure over income	<u>582,970</u>	<u>436,284</u>
<u>Special Research</u>	<u>1975</u>	<u>1974</u>
<u>Expenditure</u>	Rs.	Rs.
Approved projects	670,431	470,000
Man & Biosphere Project	73,284	56,083
Scientific Manpower Project	<u>9,750</u>	<u>201,708</u>
	<u>753,465</u>	<u>727,791</u>

2.3 Financial Structure

The financial structure of the Council as at December 31, 1975 and December 31, 1974 is shown below :

Sources

Council Fund--balance as at		
January 1st	731,209	602,493
<u>Less</u> Adjustment in respect		
of previous year	250	-
<u>Less</u> Adjustment result-		
ing from change		
of method of		
depreciation	88,598	
<u>Less</u> Amount erroneo-		
usly shown as		
Treasury depo-		
sit in 1974		
accounts	<u>15,000</u>	<u>-</u>
	<u>103,848</u>	<u>602,493</u>
	627,361	
<u>Add</u> Government Grant	500,000	550,000
<u>Add</u> Treasury deposit	-	15,000
<u>Add</u> Recalled funds on		
research projects	15,620	-
<u>Add</u> Repayment of bond	11,294	<u>526,914</u>
	1,154,275	<u>1,167,493</u>
<u>Less</u> Excess of expen-		
diture over in-		
come for the year	<u>582,970</u>	<u>436,284</u>
	571,305	731,209
<u>Add</u> Special Research		
Funds	<u>587,681</u>	<u>410,915</u>
	<u>1,158,986</u>	<u>1,142,124</u>
	=====	=====
<u>Utilizations</u>		
Fixed assets		
(net book balue)	291,153	351,024
<u>Add</u> Current Assets-		
	1,299,285	873,960
<u>Less</u> Current lia-		
bilities	<u>431,452</u>	<u>82,860</u>
	<u>867,833</u>	<u>791,100</u>
	<u>1,158,986</u>	<u>1,142,124</u>
	=====	=====

2.4 Comments on Accounts

2.4.1 Depreciation of Fixed Assets

During the year under review the Council had changed its method of depreciation from the Diminishing Balance method to the Fixed Instalment method. The extra provision resulting from this change amounting Rs. 88,598 had been shown as a deduction from the Council Fund as at January 1st 1975.

2.5 Management and Operating Review

2.5.1 Disbursement of Research Grants

During the year the Council had awarded grants for 48 research projects with a total commitment of Rs. 464,799. From January 1, 1975 the Council had changed its earlier method of disbursing research funds through the institutions in which the grantees were employed to releasing them direct to the grantees by the Council with the idea of exercising better control over the movement of these funds.

2.5.2 The National Science Council Journal

The Council had continued to print 1000 copies of each issue of the Journal inspite of its very slow rate of disposal. Out of volume 3 No.1 issue of October 1975 only 140 copies had been disposed of up to November 25, 1976. The total value of undisposed stocks of the Journal relating to the years 1973 to 1975 had amounted to Rs. 35,854 as at December 31, 1975. Therefore in view of the unduly large stocks of the Journal held by the Council it is considered necessary that the Board should review its decision of November 1, 1974 to print 1000 copies of each issue.

2.5.3 Buildings - Rs. 93,218

This represented the capital expenditure on alterations and improvements of the office building at maidland Place which has not been vested in the Council by the Ministry of Industries and Scientific Affairs.

2.5.4 Welfare and Recreation - Rs. 5000/=

During the year the Council had given a grant of Rs. 5000/= to the Welfare and Recreation Club of the employees consisting of 53 members. Recoverable loans are also granted to the club to provide welfare facilities to members. The club in addition to providing recreation facilities provides tea to the club members, board members and official visitors at prices ranging from 30 cents to Rs. 1.50 per cup.

2.5.5 Overtime Payments - Rs. 11,426

This represented a 100% increase on the expenditure of the previous year. It was observed in audit that proper controls had not been exercised in paying over-time to employees.

In this connection the Chairman had stated that the increase in over-time payment had been due to the lack of staff to handle the responsibility of administering the research grants from the year 1975 which had been done earlier by those institutions where the research was carried out.

The Council has six Watchers in its permanent cadre to do watch duty on a single office building. It would appear that the cadre is excessive.

3. General

3.1 Research Grants

According to the information submitted by the Council, for the period 1969 to 1975 it had granted 190 research grants out of which 36 projects had been completed 37 had been terminated while 114 were in progress by October 1976.

Sgd.

Auditor General

- Copies: (1) Secretary, Ministry of Industries & Scientific Affairs.
(2) Secretary, Ministry of Finance.

CW/WF