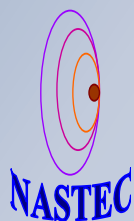


2012

NATIONAL SCIENCE AND TECHNOLOGY COMMISSION

Annual Report

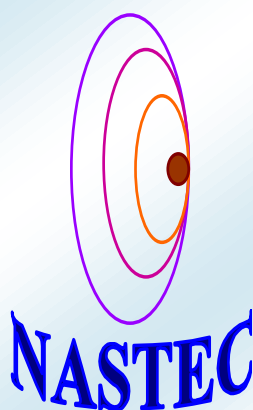


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NATIONAL SCIENCE AND TECHNOLOGY COMMISSION

Annual Report 2012



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The National Science and Technology Commission (NASTEC) was established by the Science and Technology Development Act No. 11 of 1994 and came into operation in August 1998. It was formally inaugurated on 06 December 1998 and became a functional Commission in January 1999. NASTEC has been designated as the apex policy formulating and advisory body on Science and Technology matters to the Government of Sri Lanka. The Commission comprised of seven members and they are appointed by H.E. the President of the Democratic Socialist Republic of Sri Lanka.

Content

Our Vision and Mission.....	06
Director's Statement.....	07
Commission Members.....	08
Profile of the Organization.....	10
Organization Structure.....	11
Science and Technology Review.....	12
Annual Review of the Status of S&T in the Country.....	12
Review of S&T Institutions.....	12
International Relations.....	14
Training Opportunities Provided through NAM S&T Center.....	14
Other NASTEC Activities.....	15
Young Scientists Forum.....	15
Our Staff.....	21
Staff News.....	22
Events attended by the staff	23
Acknowledgement.....	24
Financial Statement.....	25
Auditor General's Report	27

Annual Report 2012

**A publication of the Secretariat
of the National Science and Technology
Commission (NASTEC)**

Edited by : Dr. Muditha Liyanagedara

Compiled by : Miss. Sayumi Wijesinghe

Our Vision

“... To be an excellent advisory body to the Government on the potential and use of Science and Technology to enhance the well-being and prosperity of the people of Sri Lanka...”

Our Mission

“... To furnish the Government with policies, strategies and plans to build high national capabilities in Science and Technology, for application for sustainable development...”

Director's Statement



Year 2012 has been a challenging year for the National Science and Technology Commission. The tenure of the Commission members including the Chairperson has expired in January 2012. The position of the Director/CEO has remained vacant throughout the year. One of the two experienced Programme Assistants left the office in August 2012. Therefore, the Commission had to struggle to fulfill its mandates with measure human resources.

As a result NASTEC confined its activities to reviewing of Science and Technology (institutions and country status) leaving aside the mandate of formulation of S&T policies and plans. The Department of Meteorology and the Arthur C. Clarke Institute for Modern Technologies were the two institutions reviewed during the year. Due to the delay in submission of Self-Assessment Reports from the other two S&T institutions scheduled to be reviewed this year their reviews have been postponed to 2013.

Despite the staff constrains the activities of young Scientists Forum were completed as scheduled. They include, two skills development workshops for Young Scientists, workshop to train Advanced Level biology teachers in North Central Province and a Research Symposium of Young Scientists.

NASTEC as usual provided opportunities for scientists and other officials to participate at international training programmes, seminars and workshops through NAM S&T Center free of charge. At the same time NASTEC provided training for its own staff as well.

As I highlighted in my messages in the previous years the lack of staff deviates the Acting Director and the senior staff from their core functions to manipulations at the ground level and the cost of it has not been realized yet by the authority though known well.

Finally, I must say that I am very much indebted to the dedicated members in the staff without whose whole hearted support I would not have been able to push NASTEC toward its preferred goals.

Thank You

Dr. Muditha Liyanagedara
Acting Director, NASTEC

Commission Members (up to 9th January 2012)

Prof. Nalini B. Ratnasiri

Chairperson



Entomologist: Emeritus Professor of Zoology, Open University of Sri Lanka, Research Officer in Entomology, Department of Agriculture (1966 - 1974); Research Officer in Entomology, Forest Conservation Department (1974 - 1983); Professor of Zoology (1983 - 1986), Founder Dean, Faculty of Natural Sciences (1986 - 1992), and Senior Professor of Zoology (1986 - 2005, Open University of Sri Lanka); Member and Vice Chairperson, University Grants Commission (1993 - 1994); Chairperson, National Steering Committee on GEF/UNDP Small Grants Programme; Member, National Steering Committee on EU/UNDP Programme for Promoting Tropical Forests; Member, Standing Committee on University Education, National Education Commission, Member, National Science and Technology Commission (2003 - to date); Chairperson, National Science and Technology Commission (2005 - to date)

Vidya Jothi Prof. K.K.Y.W. Perera



Eng, Professor of Electronic Engineering; Chairman, Arthur C. Clarke Centre for Modern Technologies; Founder Chairman, NERD Centre (1974 - 1977); Chairman, CEB (1977 - 1989); Secretary, Ministry of Power and Energy (1981 - 1990) and (2001 - 2003); President, Institution of Engineers, Sri Lanka (1985 - 1986); Emeritus Professor, University of Moratuwa; Director, ADB S&T Personnel Development Project (1997 - 2001).

Prof. H.P.M. Gunasena



Agronomist: Emeritus Professor of Crop Science, University of Peradeniya (1982) Former Executive Director, Council for Agricultural Research Policy (1982); Dean, Faculty of Agriculture, University of Peradeniya (1982 - 1994); Rector, Wayamba Campus (1996 - 1998); Director, Post Graduate Institute of Agriculture (1997 - 2002); Member, University Grants Commission (1999 - 2005); Fellow of the National Academy of Sciences; Advisor to the Minister of Agriculture (2007 - to date).

Dr. C.T.S.B. Perera



Industrialist: Managing Director, Samson Rajarata Tiles (Pvt) Ltd, Director, Piramal Glass (Ceylon) PLC., Director, Kelani Cables PLC; Director, Dankotuwa Porcelain PLC; Vice-Chairman, Public Utilities Commission; Member of the Board, CRIB; Director, Lanka Puthra Development Bank

Dr. Palitha Abeykoon



Medical Practitioner, Senior Advisor to the World Health Organization and the Minister of Health, Former Director of Health Systems Development and Health Technology (WHO) - South East Asia Region, Senior Takemi Fellow of Harvard University, Member, Board of Directors of the International Clinical Epidemiology Network, the South East Asian Association of Medical Education and the South East Asian Public Health Education Network of the WHO, President of the Aids Foundation of Lanka.

Prof. W.D. Lakshman

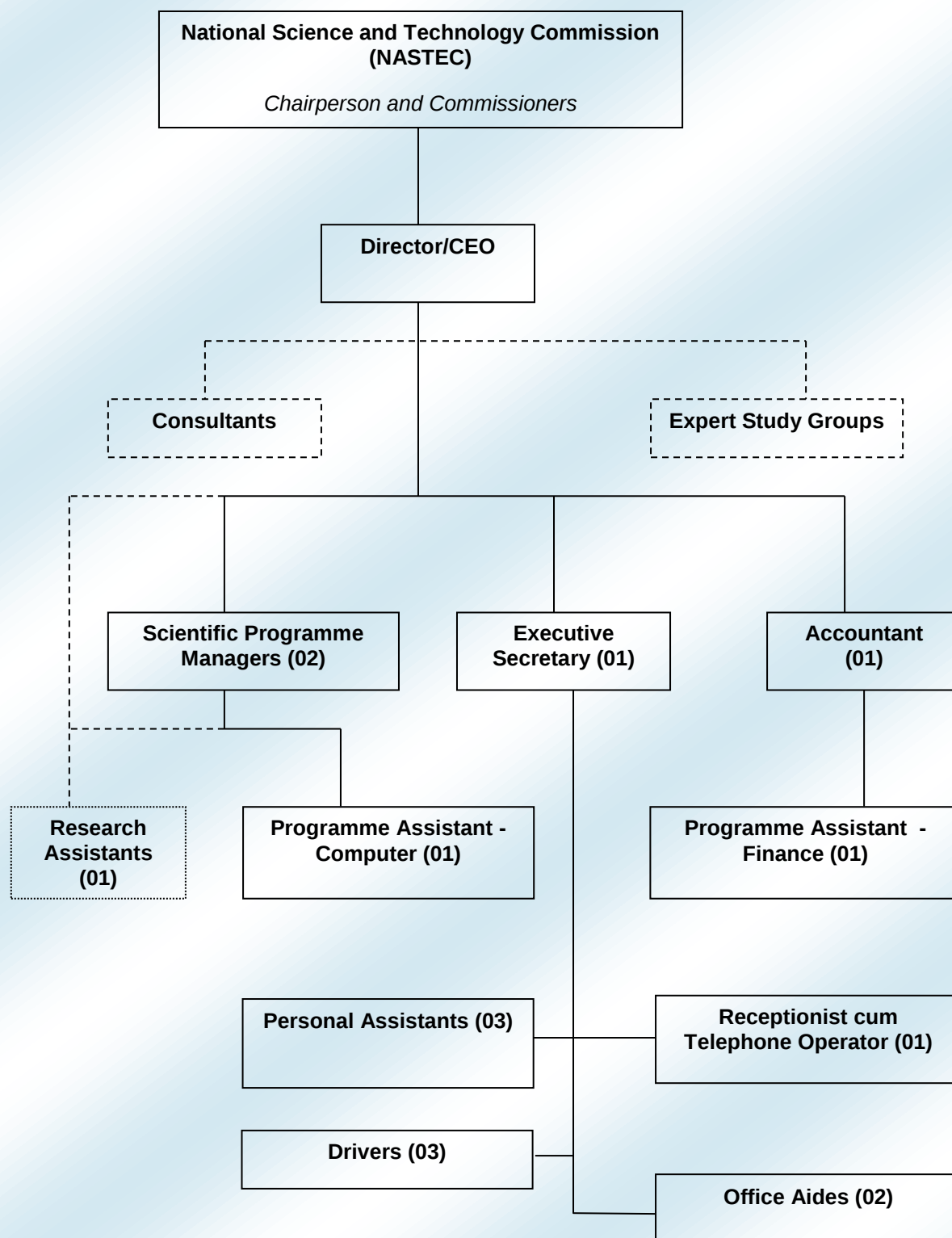


Economist: University of Colombo, Chairman, Social Scientists Association (1986 – 1988, 1994), President, Sri Lanka Association of Economists (1990 – 1993), Dean, Faculty of Graduate Studies (1992 – 1994), Board Member, Sri Lanka Foundation Institute (1995 – 1997), Vice Chancellor, University of Colombo (1994 – 1999), Chairman, National Institute of Business Management, Vice-Chairperson, National Development Council, Board Member, NARESA (1997 – 1998), Visiting Professor, Ryukoku University, Japan (1999 – 2001), Senior Professor of Economics, University of Colombo, Professor of Economics, Saga University, Japan (2004 – 2005),

Profile of the Organization

- The Chairman heads the Commission.
- The Director is the Chief Executive Officer
- The Scientific Programme Managers facilitate and manage Expert Study Groups and Consultative fora, which produce policies, plans, reports, and other NASTEC documents.
- The Executive Secretary is the secretary to the Commission and also functions as the Office Manager.
- The Accountant manages all financial matters.
- Consultants and Research Assistants hired on need-basis carry out specialized tasks and assignments as required by the Commission.

Organization Structure



Solid lines (—) denote permanent positions.
Broken lines (- - -) denote temporary positions

Science and Technology Review

Annual Review of the Status of S&T in the Country

Out of all S&T institutions from which we requested data/information for this national review only 25 institutions responded. Those institutions nominated their liaison officers to deal with NASTEC regarding the data collection and a meeting of them was held on 23rd January 2012 to explain the contents of the data collecting format and the depth of the review. Based on the discussion we had at that meeting, the questionnaire was revised and sent again to the institutions. Although the deadline given for the submission of data/information was 15th March 2012, due to various reasons they had been receiving until June 2012. After verifying and filling the gaps in data/information a draft interim report was compiled. The final report was been edited by the end of 2012.

Review of S&T Institutions

NASTEC is mandated by the Science and Technology Development Act No 11 of 1994 to review and report to the Government, the progress of Science and Technology institutions.

The institutions scheduled to be reviewed during the year 2012 were Industrial Technology Institute (ITI), Arthur C. Clarke Institute for Modern Technologies (ACCIMT), National Engineering Research and Development Centre (NERDC) and Institute of Fundamental Studies (IFS). Out of these four intuitions reviewing of ITI, IFS, & NERDC has been postponed due to delays in submitting their Self-Assessment Reports.

➤ Review of Department of Meteorology (DoM)

Department of Meteorology (DoM) was reviewed based on a special request made by the Secretary to the Ministry of Disaster Management. NASTEC received the completed Self-assessment Report in March 2012. Then NASTEC appointed the review team with the consent of the DoM. Review team consisted of the following members.

Prof. Upul Sonnadara (Chairman) - Senior Professor, Department of Physics, Faculty of Science, University of Colombo

Prof. T.R. Ariyaratna - Senior Professor, Department of Physics, Faculty of Science, University of Colombo

Mr. A.N.R. Amaratunga - Secretary to the Minister, Ministry of Health

Dr. B.V.R. Punyawardena - Natural Resource Management Center, Department of Agriculture

The first meeting of the review panel was held on 16th March 2012. The review team visited DoM on 10th and 11th May 2012 and conducted the review. To obtain the views and opinions of stakeholders of DoM on services provided by DoM, NASTEC organized a meeting of them on 25th May 2012.

After several meetings of the review panel the 1st draft of the review report was submitted to DoM on 11th September 2012.

The DoM submitted their comments on the draft report on 8th October 2012 and the report was slightly modified according to the comments. The final Review Report was submitted to DoM on 19th December 2012.

➤ **Review of Arthur C. Clarke Institute for Modern Technologies, (ACCIMT)**

After receiving the Self-Assessment Report of ACCIMT, the NASTEC appointed the following review team with the consent of ACCIMT and with the approval of the Ministry of Technology and Research.

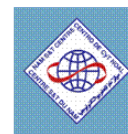
Dr. S.A.K. Abayawardane (Chairman) - former Director, National Science Foundation,
Prof. H.S.C. Perera - Senior Lecturer, Sri Lanka Institute of Information Technology
Dr. Gamini Wijayarathna - Senior Lecturer, Department of Industrial Management, Faculty of
Science, University of Kelaniya
Mr. G.B. Wimalaratne - Former Acting General Manager, National Engineering Research and
Development Centre
Mr. G. Prasad Jeerasinghe - Visiting Lecturer in HR Management, Institute of Personnel
Management

The first meeting of the review panel was held on 17th August 2012 and review team visited ACCIMT to review the institution on 10th and 11th September 2012.

The meeting with the stakeholders of ACCIMT was held on 19th September 2012 at NASTEC to obtain their opinions. After several meetings of the review panel the first draft of the review report was prepared and it was submitted to the ACCIMT on 23rd October 2012 for their comments and factual verification.

➤ **Review of IFS, ITI and NERD Center**

The NASTEC received the Self-Assessment Reports of the IFS, ITI and NERD Center during the last quarter of 2012. Therefore, the review of these institutions has been postponed to 2013.



Training Opportunities Provided through NAM S&T Center

The Centre for Science & Technology of the Non-aligned and other Developing Countries (NAM S&T Centre), India is an inter-governmental organization. Organizing of training programmes on scientific and socio-economic issues relevant to developing countries is one of its functions.

In 2012 NASTEC offered training opportunities for six Sri Lankan officials through NAM S&T Center. They are;

1. Mr. J. B. L. Jayasinghe, Agriculture Monitoring Officer of the Department of Agriculture, Colombo was selected for the Joint NAM S&T Centre /CFTRI fellowship (for 6 months from October 2012 to March 2013) on Food Science and Technology.
2. Ms. Asha Pitadeniya, Scientific Programme Manager, NASTEC represented Sri Lanka at the International Workshop on Science and Technology Diplomacy for Developing Countries held in Iran from 13-16 May 2012.
3. Ms. Banukie Jayasuriya, Lecturer, University of Sri Jayawardenepura awarded Joint NAM S&T Centre-ICCBS Fellowship on Natural Products Chemistry / Drugs and Pharmaceuticals (for six months).
4. The international Advanced Training course on Contemporary Management Strategies in Intellectual Property Rights was held in India from 16-20 July 2012 and Ms. Renuka Jayathilake, Institute Secretary, Industrial Technology institute participated at the training course.
5. Mr. Anton Jayakody, Geologist, Geological Survey and Mines Bureau participated at the International workshop on Minerals Processing and Beneficiation, which was held in South Africa, 25-27 Sept. 2012.
6. Dr.Sadun Dalpadadhu, Research Scientist, Industrial Technology Institute participated at the International Workshop on Industrial Biotechnology, which was held in Cairo, Egypt, 2-6 December 2012.

Young Scientists Forum (YSF)



➤ YSF Symposium and the Annual General Meeting 2011

The Young Scientists Forum, for the first time, organized a symposium for its members to present their research work to the scientific community. The Symposium was conducted along with the YSF Annual General Meeting on 27th January 2012 at the Hector Kobbekaduwa Agrarian Research and Training Institute (HARTI), Colombo.

In response to our call for abstracts we received 76 abstracts from YSF members. Each abstract was evaluated by two senior scientists on uniform criteria. The symposium was held in two parallel sessions, where 28 oral presentations were made. A poster presentation was also held and there were 20 posters. All selected presentations were published in the Proceedings of the YSF Symposium.

Invited senior scientists served as judges of each session and the best three presenters from each oral session and the best five poster presentations were awarded with Merit Certificates.

At the AGM a new Steering Committee for 2012 was elected. The members of the committee were:

Mr. Chinthan Manoratne(Chairman) - Research Officer - Industrial Technology Institute; Ms. Uvasara Dissanayake – Lecturer – University of Peradeniya; Mr. Keminda Herath - Lecturer, Wayamba University of Sri Lanka; Mr. M.C.M. Zakeel - Lecturer –Rajarata University of Sri Lanka; Mr. Sudarshan Somasiri - Senior Research Scientist- Industrial Technology Institute; Ms. Christine Dasanayake - Scientific Officer- National Science Foundation; Dr. Buddhika Aruggoda - Senior Lecturer-Open University of Sri Lanka; Ms. Menuka Udugama – Lecturer- Wayamba University of Sri Lanka; Dr. Nilukshi Liyanagunawardena - Veterinary research Officer-Veterinary Research Institute; Mr. Sidath Bandara - Research Officer - Hector Kobbekaduwa Agrarian Research Institute; Ms. Geethani Samarasinghe - Research Officer- Hector Kobbekaduwa Agrarian Research Institute; Ms. C.N. Nupearachchi - Visiting Lecturer- Open University of Sri Lanka.



Participants at the AGM



Inaugurating the Symposium



Some Participants at one parallel session of the YSF Symposium

Winners of the Oral Sessions

- **Mr. A.M.H.H. Abeykoon, University of Moratuwa**
Co- Authors: A.U. Dissanayake, C.R. de Silva, L.G.T. Kaushalya, S.S.Weerawardana, M.A.F. Najla
- **Dr. H.D.D. Bandupriya, Coconut Research Institute**
Co- Authors: J.M. Dunwell
- **Dr. Sajani Dias, University of Colombo**
Co- Authors: P.H. Premaratne, P.V. Udagama
- **Mr. A.I. Gunarathna, University of Moratuwa**
Co- Authors: A.G.P. Ambegoda, N.I. Katugampala, H.A.D.W. Bandara, S.J. Sooriyaarachchi
- **Mr. S.M.M. Ikram, Wayamba University of Sri Lanka**
Co- Authors: U.K. Jayasinghe-Mudalige, J.C. Edirisinghe
- **Ms. N.T. Jayawickrama, University of Kelaniya**
Co- Authors: V.P.A. Weerasinghe
- **Dr. N. Liyanagunawardena, Veterinary Research Institute**
Co- Authors: G.R. Rajapaksha, L.M.P. Wijemanna, W.M.P. Bandara, G. Wijewardena, P.S. Fernando, M.A.R. Priyantha, G.A. Gunawardena
- **Mr. M.K. Meegahakumbura, Coconut Research Institute**
Co- Authors: L. Perera, H.R.T. Wijesekara, W.B.S. Fernando, N.G.A. Kalani, M.J. Dickinson
- **Ms. C.N. Nupearachchi, Open University of Sri Lanka**
Co- Authors: C.A. Thotawatthage, G.K.R. Senadeera, V.P.S. Perera
- **Dr. A.S. Perera, University of Moratuwa**
Co- Authors: K.M.C. Jayaratne, D.C. Fernando, I.L. Haththotuwa, D.A.C. Madhurangi
- **Mr. K. Prasannath, Eastern University of Sri Lanka**
Co- Authors: S. Karunakaran, S. Mahendran
- **Ms. J.M.M. Udugama, Wayamba University of Sri Lanka**
Co- Authors: U.K. Jayasinghe-Mudalige

Winners of the Poster Session

- **Mr. T. Kishanthan, University of Moratuwa**
Co- Authors: S. Perera, K.D.A.K.S. Perera, H.A.S. Perera, D.T.H.V. Madola, M. Walpola
- **Ms. K.V.V.S. Kudaligama, Rubber Research Institute**
Co- Authors: V.H.L. Rodrigo, K.M.E.P. Fernando, P.A.J. Yapa
- **Dr. A.S. Perera, University of Moratuwa**
Co- Authors: A.H.K. Lakpriya, M.P.A.P. Silva, A.P.A.E. Sudharka, A.S.T. Somasiri
- **Mr. A.K. Wickramasooriya, South Eastern University of Sri Lanka**
- **Dr. C. Wijayasiriwardena, Industrial Technology Institute**
Co- Authors: W.P.K.M. Abeysekera, G.A.S. Premakumara



Presenting merit certificates to best presenters

➤ YSF Awards 2011

The National Science and Technology Commission initiated the YSF awards in year 2006 in order to encourage young scientists and to recognize their achievements. These awards are presented annually at the YSF Annual General Meeting.

The awards are presented under two categories; Scientific research and Popularization and promotion of science. The awards are open to YSF members who excelled in the above areas. Each award consists of a cash prize and a certificate.

NASTEC appointed an evaluation panel to select the award winners and the panel consisted of the following members.

Prof. Sagarika Ekanayaka - Head, Department of Bio Chemistry, Faculty of Medical Science, University of Sri Jayawardhanapura

Dr. Everad Jayamamme - Deputy Director (Research) Coconut Research Institute, Lunuwilla.

Prof. Ruchira Cumaranatunga - Senior Professor, Faculty of Fisheries & Marine Science & Technology, University of Ruhuna

It was found that there was no suitable candidate for the award for Excellence in Popularization and Promotion of Science. However, two awards were presented under the Excellence in Scientific Research category as two candidates had performed equally well. The awards were presented to the following scientists.

Award for Excellence in Scientific Research



Prof. Udith Jayasinghe
Department of Agri Business Management
Faculty of Agriculture and Plantation Management
Wayamba University of Sri Lanka



Dr. Rupika Rajakaruna
Department of Zoology
Faculty of Science
University of Peradeniya

➤ **Teacher Training Program on “Fundamentals of Biotechnology and Molecular Biology”**

A Teacher Training Program on “Fundamentals of Biotechnology and Molecular Biology” was organized by the National Science and Technology Commission in collaboration with the YSF and the Office of the Provincial Director of Education, Anuradhapura. This was held on 22nd and 23rd March 2012 at Anuradhapura.

This training programme was conducted with the objective of updating the knowledge of A/L Science teachers in the field of Biotechnology and Molecular Biology. The programme covered subject areas such as Characteristics of DNA, Plant tissue culture, Enzymes, gene cloning, Genetically Modified Organisms (GMO) and their uses in agriculture, medicine and industry as well as social problems concerning the GOMs.

Approximately 70 A/L Science teachers from North Central Province participated in this programme. At the end of the programme an evaluation sheet was distributed among the participants and they have rated the usefulness of the programme as very high.

The following resource persons conducted the training programme.

- **Plant Tissue Culture**
Prof. P.A. Weerasinghe
Dean
Faculty of Agriculture
Rajarata University of Sri Lanka
- **Enzymes Working with DNA, Agarose Gel Electrophoresis, DNA Finger Printing, Recombinant DNA Technology and Gene Cloning, Genetically Modified Organisms**
Mr. M.C.M. Zakeel
Senior Lecturer
Faculty of Agriculture
Rajarata University of Sri Lanka
- **Characteristics of DNA, DNA Extraction, DNA Probe and Hybridization, Bacteria Plasmids and Viral Genome and Vectors Used in rDNA Technology**
Dr. T.C. Bamunuarachchige
Head, Department of Biology
Faculty of Applied Sciences
Rajarata University of Sri Lanka



Participants of Teacher Training Programme held in Anuradhapura

➤ **Workshop on “Inventions and Innovations”**

Workshop on “Inventions and Innovations” organized by NASTEC in collaboration with YSF was held on 26th June 2012 at the Mahinda Silva Auditorium, Hector Kobbekaduwa Agrarian Research and Training Institute (HARTI) Mr. Deepal Sooriyaarachchi, Chairman, National Inventors Commission conducted the workshop.

Purpose of the workshop was to provide an insight in to the process of inventions and to motivate young scientists to be innovative in their fields of expertise.

Mr. Sooriyaarachchi, the resource person explained how to identify problems in the society and invent creative solutions to address these problems by highlighting examples of simple inventions.

The workshop was attended by more than 80 participants. The participants were University Academics, Research Officers and Administrators attached to S&T and R&D Institutions.

➤ **Workshop on “Ethics in Research”**

On 20th April 2012, the NASTEC, in collaboration with Section A (Medical, Dental and Veterinary Sciences) of Sri Lanka Association for the Advancement of Science (SLAAS), organized an awareness workshop for scientists at the SLAAS Auditorium, Wijerama Mawatha, Colombo 7, on the topic, “Ethics in Research”.

The purpose of this workshop was to distribute knowledge on the importance of ethics in scientific research.

The workshop covered areas such as ethics to be considered in animal and human research, ethics review process and the scientific validity in considering ethics in research.

The following resource persons conducted the workshop.

- **Introduction to “Ethics in Research” and “Ethics Review Process”**

Dr. Chandanie Wanigatunge (Chairperson, Ethics Review Committee/University of Sri Jayawardanapura)
Senior Lecturer
Department of Pharmacology
Faculty of Medical Sciences,
University of Sri Jayawardanapura,

- **“Ethical Issues in Animal Research”**

Dr. Mayuri Thammitiyagoda
Veterinary Surgeon
Medical Research Institute

- **“Scientific Validity and Research Ethics”**

Dr. Wathsala Jayasuriya (Secretary, Ethics Review Committee of University of Sri Jayawardanapura)
Senior Lecturer
Department of Community Medicine
Faculty of Medical Sciences
University of Sri Jayawardanapura

- **“Research in Vulnerable Populations and Informed Consent”**

Dr. Rasika Perera (Member, Ethics Review Committee of University of Sri Jayawardanapura)
Senior Lecturer
Department of Biochemistry
Faculty of Medical Sciences
University of Sri Jayawardanapura

➤ **Workshop on “Stress Management for Better Performance at Your Workplace”**

This workshop was held on 19th October 2012 at Sri Lanka Association for the Advancement of Science (SLAAS) auditorium. It was jointly organized by the Young Scientists Forum (YSF) of the National Science and Technology Commission (NASTEC) and Section A of the Sri Lanka Association for the Advancement of Science (SLAAS).

Purpose of this workshop was to provide knowledge of causes of stress and to introduce simple techniques to cope up the stress.

Approximately 60 participants from universities and Research and Development institutions such as Sugarcane Research Institute, Industrial Technology Institute, National Science Foundation, Hector Kobbekaduwa Agrarian Research and Training Institute, Rubber Research Institute attended the workshop.

The following presentations were made at this workshop

- **Being Well: An Outcome or a Resource?**
Dr. Mahesh Rajasuriya
Senior Lecturer
Faculty of Medicine
University of Colombo and
Consultant Psychiatrist,
Sri Lanka National Hospital
- **Mindfulness Based Stress Reduction**
Dr. Piyanjali de Zoysa
Senior Lecturer
Faculty of Medicine
University of Colombo
- **Relieving Stress Through Horticulture**
Dr. Kapila Yakandawala
Senior Lecturer
Faculty of Agriculture and Plantation Management
Department of Horticulture and Landscape Gardening
Wayamba University of Sri Lanka

Our Staff

◆ Executive Staff

Acting Director

Dr. Muditha Liyanagedara
B.Sc., M.Phil (Peradeniya)
Ph.D. (Seoul)

Scientific Programme Managers

Dr. Muditha Liyanagedara
B.Sc., M.Phil (Peradeniya)
Ph.D. (Seoul)

Miss Asha Pitadeniya
B.Sc., M.Sc. (Peradeniya)

Accountant

Mrs. G.C.K. Peiris
B.Com (Sri Jayawardanapura)

Executive Secretary

Mr. Rukman Cooray Bulathsinghala

◆ Support Staff

Programme Assistants

Computer Applications
Mrs. L.A.L.N. Liyanaarachchi (up to July)
B.Sc. (Sabaragamuwa)

Finance
Mr. R. M. Thusitha Rathnayake
M.A.A.T.

Research Assistants

Miss. Dananjali Perera (up to March)
B.Sc. (Peradeniya)

Miss. Amali Jayathilake
B.Sc. (Sabaragamuwa)

Personal Assistants

Mrs. Nilmini Perera
Miss. Sayumi Wijesinghe
Miss. Nishanthi Maharage

Receptionist cum Telephone Operator

Mrs. Dakshini Karunathilake

Drivers

Mr. H. A. Anil Kumara Hettiarachchi
Mr. I. G. Jayashantha Prabath
Mr. Eranda Pradeep

Office Aides

Mr. A. D. Dhanapala
Mr. Nishantha Piyadasa

In January, NASTEC welcomed the new Management Assistant, Miss Nishanthi Maharage.

In March, Miss. Dhananjalee Perera, Research Assistant, completed her contract period at NASTEC and left for her postgraduate education. We would like to thank her for the hard work, dedication and commitment during her short tenure at NASTEC.

In August, NASTEC bid farewell to Mrs. Niluka Liyanaarachchi, Programme Assistant, Computer Applications. We really appreciate her dedicated and committed service during her tenure at NASTEC. We wish her good luck in her future endeavors.

NASTEC is thankful to Mr. Sameera priyankara, Undergraduate student from Rajarata University of Sri Lanka who has been with us for one month on "short term assignment". He redesigned the NASTEC website. We wish him all the best for the successful completion of his degree.

Events attended by the staff

- ⇒ Dr. Muditha Liyanagedara, Acting Director participated at a seminar organized by Japan International Cooperation Agency (JICA) held at Galadhari on 24th February 2012
- ⇒ Dr. Muditha Liyanagedara, Acting Director participated at the workshop on Managing for Development Results, organized by the Ministry of Technology and Research on 20th March 2012
- ⇒ Dr. Muditha Liyanagedara, Acting Director and Ms. Asha Pitadeniya, Scientific Programme Manager participated at the workshop on research commercialization, organized by SLASS on 30th March 2012
- ⇒ Ms. Asha Pitadeniya, Scientific Programme Manager participated an International workshop on Science and Technology Diplomacy for Developing Countries organized by Center for Innovation and Technology Cooperation of Iran Presidency (CITC) Teheran, Iran and Center for Science and Technology of the Non-Aligned and Other Developing Countries New Delhi, India, held from 13th and 15th May 2012
- ⇒ Dr. Muditha Liyanagedara, Acting Director and Ms. Kumari Peiris, Accountant participated at the workshop on Handling Absenteeism at the Work Place organized by Institute of Personnel Management on 31st May 2012
- ⇒ Dr. Muditha Liyanagedara, Acting Director participated at the 12th Science Council of Asia Conference and International Symposium on “Mobilizing Science Towards Green Economy” held from 10th - 12th July 2012 in Indonesia
- ⇒ Ms. Kumari Peiris, Accountant participated at the seminar on Effective Internal Auditing organized by Skills Development Fund Limited on 19th July 2012
- ⇒ Ms. Asha Pitadeniya, Scientific Programme Manager and Mrs. Niluka Liyanaarachchi, Programme Assistant, Computer Applications participated at the workshop on Event Management, organized by National Institute of Labour Studies held on 07th August 2012
- ⇒ Dr. Muditha Liyanagedara participated at an international training course on Science, Technology and Innovation Policies-2012 organized by the International Research and Training Center for Science and Technology Strategy, from 10th September to 27th September 2012, in China
- ⇒ Mr. Cooray Bulathsinhala, Executive Secretary participated a workshop on Prevention of Dengue organized by National Dengue Prevention Unit on 22nd October 2012
- ⇒ Dr. Muditha Liyanagedara, Acting Director participated at a workshop on Disaster Management, organized by the Ministry of Disaster Management on 23rd October 2012
- ⇒ Dr. Muditha Liyanagedara, Acting Director participated at the seminar on Decision Making Techniques, organized by the Ministry of Technology and Research on 24th October 2012
- ⇒ Ms. Nishanthi Maharage and Ms. Sayumi Wijesinghe, Management Assistants attended a workshop on Developing Management Assistants organized by Skills Development Fund Limited on 31st October 2012
- ⇒ Ms. Kumari Peiris, Accountant and Mr. Thusitha Ratnayake, Programme Assistant finance participated at the workshop on Financial Reporting in Compliance with Accounting Standards, organized by Skills Development Fund Limited on 04th and 05th December 2012

Acknowledgement

Consultative Fora



Steering Committee of the Young Scientists Forum

- | | |
|---|---|
| i) Mr. Chinthan Manoratne
Research Officer
(Chairman)
Industrial Technology Institute | vii) Ms. Geethani Samarasinghe
Research Officer
Hector Kobbekaduwa Agrarian Research and
Training Institute |
| ii) Mr. Keminda Herath
Lecturer
Wayamba University of Sri Lanka | viii) Ms. Menuka Udugama
Lecturer
Wayamba University of Sri Lanka |
| iii) Mr. M.C.M. Zakeel
Lecturer
Rajarata University of Sri Lanka | ix) Dr. Nilukshi Liyanagunawardena
Veterinary Research Officer
Veterinary Research Institute |
| iv) Mr. Sudarshan Somasiri
Senior Research Scientist
Industrial Technology Institute | x) Mr. Sidath Bandara
Research Officer
Hector Kobbekaduwa Agrarian Research and
Training Institute |
| v) Ms. Christine Dasanayake
Scientific Officer
National Science Foundation | xi) Ms. C.N. Nupearachchi
Visiting Lecturer
The Open University of Sri Lanka |
| vi) Dr. Buddhika Aruggoda
Senior Lecturer
Open University of Sri Lanka | xii) Ms. Uvasara Dissanayake
Lecturer
University of Peradeniya |



Review Panel Members – Department of Meteorology

- | | |
|--|--|
| i) Prof. Upul Sonnadara
Senior Professor
Department of Physics
Faculty of Science
University of Colombo | iii) Dr. B.V.R. Punyawardena
Research Officer
Natural Resource Management Center
Department of Agriculture
Peradeniya |
| ii) Prof. T.R. Ariyaratna
Senior Professor
Department of Physics
Faculty of Science
University of Colombo | iv) Mr. A.N.R. Amaratunga
Secretary to the Minister
Ministry of Health |



Review Panel Members – Arthur C. Clarke Institute for Modern Technologies

- | | |
|---|--|
| i) Prof. H.S.C. Perera
Senior Lecturer
Sri Lanka Institute of Information
Technology | iv) Dr. Gamini Wijayarathna
Senior Lecturer
Department of Industrial Management
Faculty of Science
University of Kelaniya |
| ii) Mr. G.B. Wimalaratne
Former Acting General Manager
National Engineering Research and
Development Center | v) Mr. G. Prasad Jeerasinghe
Visiting Lecturer in HR Management
Institute of Personnel Management |
| iii) Dr. S.A.K. Abayawardane (Chairman)
Former Director
National Science Foundation | |

Financial Statement

NATIONAL SCIENCE AND TECHNOLOGY COMMISSION

STATEMENT OF COMPREHENSIVE INCOME

(all amounts in Sri Lanka Rupees)

	31-Dec-2012	31-Dec-2011
Operating Revenue		
Recurrent Grant	15,448,150	12,662,000
Capital Grant - S & T Services	709,000	876,600
Amortization of Government Grants – Depreciation	5,361,418	1,380,957
Income	109,936	161,623
	21,628,504	15,081,180
Operating Expenses		
Personal Emoluments	6,796,285	6,887,957
Traveling	435,151	218,576
Supplies and consumables used	274,623	251,271
Maintenance	833,478	574,130
Contractual services	4,486,096	4,125,321
Transfers	2,614,688	1,380,927
S & T Services	810,013	1,080,676
Depreciation and amortization expenses	5,361,418	1,380,957
Total operating expenses	21,611,752	15,899,815
(Loss)/profit for the period	16,752	(818,635)
Financial Cost		
Gain on sales of property plant and equipment	(55,450)	10,570
Total non-operating revenue (expenses)	-	-
Total comprehensive (expense)/income for the period	(38,698)	(808,065)

NATIONAL SCIENCE AND TECHNOLOGY COMMISSION**STATEMENT OF FINANCIAL POSITION**

(all amounts in Sri Lankan Rupees)

	31-Dec- 2012	31-Dec- 2011	1-Jan- 2011
ASSETS			
Non - current Assets			
Property, plant and equipment	13,528,330	12,050,084	4,267,020
Current Assets			
Inventories / Stocks	180,769	149,907	149,484
Trade and other receivables	14,000	12,000	12,000
Prepayments	1,306,993	421,355	418,459
Cash and cash equivalents	291,582	242,574	897,548
Staff Loans	570,700	619,829	471,423
	2,364,044	1,445,665	1,948,914
Total Assets	15,892,374	13,495,749	6,215,934
EQUITY AND LIABILITIES			
Equity attributable to equity holders			
Accumulated fund	3,793,706	5,064,982	6,314,193
Revaluation reserve	1,629,300	1,629,300	1,629,300
Retained earnings	(4,308,804)	(4,270,106)	(3,462,042)
Total equity	1,114,201	2,424,176	4,481,451
LIABILITIES			
Non - current liabilities			
Deferred Income	12,323,562	9,503,753	439,500
Provision for Gratuity	1,567,679	1,399,562	1,131,155
	13,891,241	10,903,315	1,570,655
Current liabilities			
Trade and other payable	886,932	168,258	163,828
Total liabilities	14,778,173	11,071,573	1,734,483
Total equity and liabilities	15,892,374	13,495,749	6,215,934



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கணக்காய்வாளர் தலைமை அபிபதி திணைக்களம்

AUDITOR GENERAL'S DEPARTMENT



මගේ අංකය } S/E/NASTEC/FA/
எனது இல. } 2012
My No }

ඔබේ අංකය }
உமது இல }
Your No. }

දිනය }
திகதி } 30 August 2013
Date }

The Chairman
National Science and Technology Commission

Report of the Auditor General on the Financial Statements of the National Science and Technology Commission for the year ended 31 December 2012 in terms of Section 14(2)(c) of the Finance Act, No. 38 of 1971.

The audit of financial statements of the National Science and Technology Commission for the year ended 31 December 2012 comprising the statement of financial position as at 31 December 2012 and the comprehensive statement of income, statement of changes in equity and cash flow statement for the year then ended and a summary of significant accounting policies and other explanatory information was carried out under my direction in pursuance of provisions in Article 154(1) of the Constitution of the Democratic Socialist Republic of Sri Lanka read in conjunction with Section 13(1) of the Finance Act, No. 38 of 1971 and Section 40(3) of Part VII of the National Science and Technology Development Act, No. 11 of 1994. My comments and observations which I consider should be published with the Annual Report of the Commission in terms of Section 14(2)(c) of the Finance Act appear in this report. A detailed Report in terms of Section 13(7)(a) of the Finance Act was furnished to the Chairman of the Commission on 01 April 2013.

1:2 Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with Sri Lanka Accounting Standards and for such internal control as the management determines is necessary to enable the preparation of financial statements that are free from material misstatements, whether due to fraud or error.

අංක 306/72 පොල්දූව පාර,
බත්තරමුල්ල, ශ්‍රී ලංකාව

இல. 306/72, பொல்துவ வீதி,
பத்தரமுல்லை இலங்கை

No.306/72, Polduwa Road,
Battaramulla, Sri Lanka

1:3 Auditor's Responsibility

My responsibility is to express an opinion on these financial statements based on my audit. I conducted my audit in accordance with Sri Lanka Auditing Standards. Those Standards require that I comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgements, including the assessment of the risks of material misstatements of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the Commission's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Commission's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of financial statements. 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.

I believe that the audit evidence I have obtained is sufficient and appropriate to provide a basis for my qualified audit opinion.

1:4 Basis for Qualified Audit Opinion

My opinion is qualified based on the matters described in paragraph 2.2 of this report.

2. Financial Statements

2:1 Qualified Opinion

In my opinion, except for the effects of the matters described in paragraph 2:2 of this report, the financial statements give a true and fair view of the financial position of the National Science and Technology Commission as at 31 December 2012 and its financial performance and cash flows for the year then ended in accordance with Sri Lanka Accounting Standards.

2:2 Comments on Financial Statements

2:2:1 Non-compliance with Sri Lanka Accounting Standards

Even though it was stated that the financial statements for the year under review had been prepared in accordance with the new Accounting Standards (SLFRS and LKAS), it had not been so done in connection with the gratuity and the employees' loans.

2:2:2 Accounting Deficiencies

The following observations are made.

- (a) Journal vouchers had not been prepared for Journal entries.
- (b) The building rent payable for the year under review amounting to Rs.180,000 had not been brought to account.
- (c) The research allowance amounting to Rs.11,250 payable in respect of the year under review and the Employees' Provident Fund contribution payable thereon amounting to Rs.900 had been omitted in the financial statements.

2:2:3 Non-compliance with Laws, Rules, Regulations and Management Decisions

The following non-compliances were observed.

Reference to Laws, Rules, Regulations, etc.	Non-compliance
(a) Finance Act, No. 38 of 1971	
Section 14(1) of the Finance Act and Paragraph 6.5.1 of the Public Enterprises Circular No. PED/12 of 02 June 2003.	The Draft Annual Report had not been furnished to the Auditor General within 60 days after the close of the year of accounts.
(b) Paragraph 6.5.3 of the Public Enterprises Circular No. PED/12 of 02 June 2003.	Even though the Annual Report of the Commission should be tabled in Parliament within 150 days from the close of the financial year, the Annual Report for the year 2010 had been tabled finally.
(c) Paragraph ii of the Public Administration Circular No. 13/2008(iv) of 09 February 2011.	Even though the approved limit of fuel to the Head of the Commission is 140 litres of fuel, a fuel allowance of Rs.48,810 which exceeded that limit by 405 litres had been paid.
(d) Financial Regulations	
Financial Regulation 225	Sums totaling Rs.6,053,290 had been paid in 24 instances without preparing vouchers.
Financial Regulation 756	The Report on the Boards of Survey for the year 2012 had not been presented to audit even by 01 April 2013.

2:2:4 Transactions of Contentious Nature

Instead of the payment of fees to the respective Government and the private institutions for the collection of information from those institutions for the preparation of the "Report on the Review of Scientific and Technology Activities conducted in Sri Lanka in the preceding year" presented annually to the Government by the Commission, a sum of Rs.88,000 had been paid to the respective officers.

3. Financial Review

3:1 Financial Results

According to the financial statements presented, the working of the Commission for the year ended 31 December 2012 after taking into account the Government grant of Rs.15,448,150 for recurrent expenditure, had resulted in a deficit of 38,698 as compared with the deficit of Rs.808,065 in the financial results for the preceding year after taking into account the Government grant of Rs.12,662,000 received for the recurrent expenditure for that year. As such, the increase of the Government grant for the year under review by Rs.2,786,150 as compared with the preceding year had been the reason for the improvement of the financial results by a sum of Rs.769,367.

4. Operating Review

4:1 Performance

A Financial Progress Report only had been prepared for the year under review and the physical performance report had not been prepared even by 30 March 2013.

4:2 Management Inefficiencies

When an acting post remains without being filled over a long period, the Secretary to the relevant Ministry should inquire about the need for further maintaining of such post. It had not been so done and an acting post of Director of the Commission had been maintained continuously over a period of 02 years and 04 months from 01 August 2010.

4:3 Uneconomic Transactions

Even though the Commission should have reviewed 05 Science and Technology Institutions during the year under review, only 02 institutions had been reviewed by spending a sum of Rs.382,795. As those review reports are not followed up, the expenditure incurred on the reviews had become fruitless.

4:4 Identified Losses

The institution had spent a sum of Rs.53,800 for the conduct of 02 workshops for the Senior Scientists' Society and the Junior Scientists' Society. The memberships collected for the purpose by the Societies amounted to Rs.38,592 and as such Commission had incurred a loss of 15,208.

4:5 Staff Administration

The approved staff and the actual staff of the Commission had been 18 and 14 respectively. Four officers of the actual staff are holding posts personal to themselves and as such there were 05 vacant posts.

05. Accountability and Good Governance

5:1 Internal Audit

A separate Internal Audit Unit had not been established for the Commission. The Internal Audit Unit of the Ministry had carried out an audit in the year under review and issued one audit query.

5:2 Budgetary Control

An excess budget estimate of 5,052,000 had been prepared at the beginning of the year for the Scientific and Technology Activities which is the primary objective of the Commission. That budget had been later revised to 1,752,000 reducing the budget by 65 per cent. But the actual expenditure amounted to Rs.810,013. Thus the financial performance had been 46 per cent. As such it was observed that the budget estimate had not been made use of as an instrument of financial control.

6. Systems and Controls

Deficiencies observed during the course of audit were brought to the notice of the Chairman from time to time. Special attention is needed in respect of the following areas of control.

- (a) Compliance with new Accounting Standards
- (b) Budgetary Control

H.A.S. Samaraweera
Auditor General.

-/dk

Response to the Auditor General's report on the financial statement of the National Science & Technology Commission for the year ended 31st December 2012 in terms of Section 14(2) (c) of the Financial Act No:38 of 1971

Given below are the explanations to the above report

2. Financial Statements

2.2 Comments on Financial Statements

2.2.1 Sri Lanka Accounting Standards.

- a) i) All accounts for the year 2012 have been prepared in compliance with the new Accounting Standards, SLFRS and LKAS except employee loans and gratuity allowances
- ii) Accounting employee loans and gratuity allowances could not be done as per these standards due to the limitation of time. Only a note to the effect that these two items would be accounted as per these standards at the time of preparing next year's accounts had been missed out.

N.B. This audit query has been amended based on the explanations given by the Commission to the draft audit report, 14(2) (c).

Present Situation

The Commission expects to consider this matter at the time of preparing 2013 financial Statement

2.2.2. Accounting Deficiencies.

- a) It is expected to prepare journal vouchers for journal entries next year
- b) This has been left out when preparing final accounts.
- c) The allowance payable to the Research Assistant for the year under review (13th December 2012 to 31st December 2012) was not Rs.17,250 but Rs. 11,250, and the corresponding EPF contribution was not Rs.1500 but Rs. 900 and they had been omitted when preparing the final accounts

N.B. This audit query has been amended based on the explanations given by the Commission to the draft audit report, 14(2) (c).

2.2.3. Non Compliance with Laws, Rules and Regulations

- a) Financial Act No 38 of 1971
Section 14 (1) of the finance Act and Paragraph 6.5.1 of the Public Enterprises Circular No. PED/12 of 02 June 2003
The continuous shortage of staff since some time back had been the cause of this delay as has been explained earlier also. Despite the fact that this shortage has not yet been resolved the Commission was able to submit the draft annual report of the year 2012 to the Auditor General's Department on 10/05/2013.
- b) Paragraph 6.5.3. of the Public Enterprises Circular No. PED/12 of June 2003
Present Situation
The Annual Report of the year 2010 had been tabled in the parliament on 30th January 2013 and the Annual Report of the year 2011 had been submitted to the parliament on 22nd October 2013.

- c) Paragraph (ii) of the Public Administration Circular No. 13/2008 (iv) of 09 February 2011

Since a Director of an Institution belongs to the similar or an equivalent Category as that of an Additional Secretary, but not to the similar or an equivalent category as that of a Department Head, the relevant fuel allowance has been paid, accordingly. The Commission has adhered to the same procedure also in granting fuel allowance in terms of public Administration circular 13/2008.

d) Financial Regulations

Financial Regulations 225

Vouchers have been prepared for all payments of the Commission from January 2013 onwards.

Financial Regulations 756

Presently the preparation of the annual board of survey report for the year 2012 has been finalized.

2.2.4. Matters of Contentious Nature

These payments were made to the officers as an incentive to provide required data and information for the compilation of the relevant review report and the Commission approval had been obtained for this payment. The obtaining of required data and information was made easy and efficient due to this payment.

4. Operating Review

4.1. Performance

The physical performance report of the Commission has been prepared up to the 3rd quarter. However, due to the workload and further depletion of the existing staff during the final quarter the preparation of the report for the whole year has been delayed.

4.2 Management Inefficiencies

Since this is the post of Director/Chief Executive Officer of the Commission, it is essential to keep the post. Since a new Commission has been appointed by now, necessary steps are being taken to advertise and to recruit a Director.

4.3 Uneconomic Transactions

According to the section 5b of Science and Technology Development Act No.11 of 1994 NASTEC has authority only to review the performance of the Science and Technology Institutions. The facts found at these reviews are submitted to the relevant institutions by a report and a copy of the same report is submitted to the Ministry of Technology, Research and Atomic Energy. The implementation of the recommendations given in these reports is a responsibility of relevant institutions. We do not have authority to look in to whether these recommendations are implemented.

4.4 Identified losses

The Commission is not a profit making institution. Therefore, there was no loss to the Institution. The nominal sum is charged from the forum members as a strategy to select only those who participate with the intention of getting the benefits of the workshops and thereby to reduce the cost incurred to conduct workshops.

4.5 Staff Administration

The actual cadre is not comprised of officers restricted only to the post and there has been only 05 vacant positions. By now actions are being taken to advertise the vacancy of the post of Director. Steps have been taken to recruit to the posts of ICT/Database Associate and Management Assistant. The scheme of recruitment of the two posts of senior scientist have been revised and forwarded to the Department of Management Services for approval. The Department to Management Services has sent it to the Salaries and Cadre Commission for their comments. The delay in granting permission to fill the vacancies of 03 main and essential posts of the Commission thus far, has made a severe impact on the performance of the Commission

N.B. This audit query has been amended based on the explanations given by the Commission to the draft audit report, 14(2) (c).

Present Situation

An officer has already been recruited to the post of ICT/Database Associate. Interviews were held to fill the vacancy of the post of Management Assistant.

5. Accountability and Good Governance

5.1. Internal Audit

The Internal Auditor of the Ministry has been made aware in this regard.

5.2. Budgetary Control

Due to the shortage of scientific staff and not appointing a new Commission, certain activities (e.g. BICOST) of the 2012 action plan could not be carried out as planned and therefore, the 2012 action plan was revised with a view to making use of the allocations made for the institution efficiently. As a result, approximately 65% of allocations made for certain activities of the action plan was transferred to other activities which can be carried out under the above conditions.

Issues arisen in the implementation of activities of the 2012 action plan, are given below under each activity. Due to these issues, the financial performance of the Commission has been limited to 46%.

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|---|--|
| 1) Biennial Conference on Science & Technology | This conference could not be held due to the non-existence of a Commission to provide the necessary guidance and instructions. |
| 2) Review of Science & Technology Institutions | The 04 institutions scheduled to be reviewed in 2012, could not be reviewed in time, due to their delay in submitting the self-assessment reports that should be submitted to the Commission. Therefore, the Commission was able to review only one institution out of these four institutions. Nevertheless, responding to a special request made by the Department of Meteorology, it was reviewed on 10 th & 11 th of May 2012. Final payments in respect of one review had not been made even by the final day of the audit, as the Commission had not received the final review report. |
| 3) National Science Technology Review | A questionnaire was sent to science & technology Institutions on 3 rd of February 2012 to collect data and information required for the review. Even though the deadline for the submission of answers had been 15 th of March 2012, the delay in submitting answers by certain institutes and since the accuracy of certain information / data provided had to be checked again, the collection of information / data came to an end in August 2012, Therefore, the preparation of the report was delayed. By September 2012, an interim review report was prepared. Its final report is being edited at present. |

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|---|--|
| 4) Study Groups on S&T Policy Issues | This activity has to be postponed due to lack of a sufficient scientific staff at the Commission to carry out this particular task. (Even though applications were called on 08/07/2012 to recruit required scientific staff, these vacancies could not be filled since there were no applicant fulfilled the required qualifications. Further, action has been taken with the National Salaries and Cadre Commission and the Department of Management Services to revise the qualifications required for the post.) |
| 5) International S&T Activities | Even though allocations were made for the activities of Technology Transfer Facility established to transfer technologies among BIMSTEC countries, it remained unspent as the Ministry of Foreign Affairs which assumes the leadership role in this regard, did not request any contributions from the Commission in 2012. |
| 6) Activities of the Integrated Institutional Action Plan | The lack of the scientific staff at the Commission had been the reason which caused the activities pertaining to this task postponed. |

N.B. The answer for the statement - the budget estimate has not been made use of as an instrument of financial control - which was added to the 14(2)(c) draft is as follows

The budget estimate could not be used as an instrument of financial control due to the above issues that were beyond our control

Present Situation

His Excellency the President appointed a new Chairman and Commission Members on 22nd April 2013. By now decisions with regard to Science and Technology activities including BICOST have been taken and are being implemented.

6. Systems and control

The commission will give special attention for these areas of control.