

ANNUAL REPORT
2014-15

PHARMACOPOEIA COMMISSION
FOR
INDIAN MEDICINE & HOMOEOPATHY

PLIM Campus, Kamla Nehru Nagar
Ghaziabad

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1. BACKGROUND

Pharmacopoeia Commission for Indian Medicine & Homoeopathy (PCIM&H) is an autonomous organization under Ministry of AYUSH, Govt. of India with a primary mandate to develop pharmacopoeial standards for drugs/formulations used under Ayurveda, Siddha, Unani (ASU) and Homoeopathy. It serves as an umbrella organization for Ayurvedic Pharmacopoeia Committee (APC), Siddha Pharmacopoeia Committee (SPC), Unani Pharmacopoeia Committee (UPC) and Homoeopathy Pharmacopoeia Committee (HPC) with Pharmacopoeial Laboratory for Indian Medicine (PLIM) and Homoeopathic Pharmacopoeia Laboratory (HPL) as its supporting structures.

The Government of India set up APC, SPC and UPC in the years 1962, 1975 & 1964 respectively. These three Committees were supported technically by the PLIM, Ghaziabad which is the apex laboratory dedicated to develop Pharmacopoeial standards for ASU Medicines. These three Pharmacopoeia Committees have been publishing standards on Ayurveda, Siddha and Unani single drugs and Compound Formulations alongwith respective formularies. Ayurvedic Formulary of India (Part I-III) consists of 1288 formulations, Siddha Formulary of India (Part I-II) consists of 399 Formulations and National Formulary of Unani Medicine (Vol. I-VI) consists of 1229 formulations. So far monographs on 600 single drugs and 152 compound formulations of Ayurveda, 139 single drugs of Siddha and 298 single drugs and 100 formulations of Unani have been published. Detailed information on volumewise distribution of pharmacopoeial monographs alongwith other supporting publications is given vide Annexure: I.

The ASU Pharmacopoeias are official documents and are widely used all over the India. However, to give credence to these pharmacopoeias, it was felt that an independent/autonomous Pharmacopoeia Commission for Indian Medicines on the lines of the Indian Pharmacopoeia Commission (IPC) for Allopathic medicines (established in the year 2004) may be set up. It was expected that a non-Governmental autonomous Commission undertaking the standardization of the ASU drugs would have much better credibility rather than the Standing Committees. Presently, Pharmacopoeia Commissions exist in countries like USA, UK, China and Japan. This measure would enable networking with similar Commissions elsewhere on an equal footing which will lead to mutual agreement on standards & facilitate better coordination and exchange of information. Pharmacopoeia Commission would further boost the development of

AYUSH sector in the country. The Steering Committees constituted by the Planning Commission for the AYUSH Sector for 11th Plan also recommended the constitution of a Pharmacopoeia Commission for Indian Medicine (PCIM).

The Commission was initially established as Pharmacopoeia Commission for Indian Medicine (PCIM) in the year 2010. However in pursuance to the decision of Central Government, Homoeopathy was augmented and the Commission was renamed as Pharmacopoeia Commission for Indian Medicine & Homoeopathy (PCIM&H).

1.1. Main Aims and Objects of PCIM&H

1. Publication and revision of the Ayurvedic, Siddha, Unani and Homoeopathy Pharmacopoeia of India at suitable intervals and of such addenda or supplementary compendia during the intervening periods as may be deemed necessary; releasing the publications for public use from a date when they are to become official.
2. Publication and revision of the Ayurvedic, Siddha and Unani Formularies of India, Homoeopathic pharmacopoeia as well as Homoeopathic Pharmaceutical Codex at regular intervals with a view to make it an authentic source of information on rational combination and use of medicines including their methods of preparation, therapeutic indications, adverse reactions, contra-indications, drug-drug interactions and similar issues concerning Indian medicines for safe use in humans and animals. Identification of ASU formulations and Homoeopathic pharmacopoeia as well as Homoeopathic Pharmaceutical Codex with a view to develop their quality standards and to ensure quality and safety of ASU & H medicine.
3. To nurture and promote awareness of quality in ASU drugs formulations, Homoeopathic pharmacopoeia as well as Homoeopathic Pharmaceutical Codex and drug research on ASU products and publish regularly or at suitable intervals other related scientific information as authorised under the rules and procedures of the Commission.
4. Exchange information and interact with expert committees of the World Health Organization and other international bodies with a view to harmonise and develop the ASU & H Pharmacopoeial standards to make those internationally acceptable.

5. Arranging studies either under its own auspices or through collaboration with other institutions to develop standards and quality specifications for identity, purity and strength of raw materials and compound formulations and to develop SOPs for the process of manufacture included or to be included in the Ayurvedic, Siddha, Unani and Homeopathic Pharmacopoeia/formulary and its addenda or supplementary compendia or other authorized publications.
6. Maintain National repository of authentic reference raw materials used in the manufacture of Ayurveda, Siddha, Unani and Homeopathy medicines for the purpose of reference and supply of reference standards to the stake holders at a price.
7. To assign responsibilities described for PLIM and HPL under the Drugs & Cosmetics Act- as soon as the both the institutes become part of the Commission.
8. Generate and maintain repository of chemical reference marker compounds of the plants or other ingredients used in standardizing Ayurveda, Siddha, Unani and Homeopathy medicines and supply them as reference standards to the stake holders on price.
9. Furtherance of the provision of Chapter IVA of Drugs and Cosmetic Act, 1940 in case ASU drugs & 4A of Schedule II of Drugs & Cosmetics Act in case of Homoeopathy medicine and rules there under related to ASU drugs and Homoeopathy medicine respectively.
10. Acting as a coordinating centre for analytical laboratories, industry and academia by encouraging exchange of scientific and technical information and staff and by undertaking sponsored funded research as well as consultancy projects.
11. Organising national/international symposia, seminars, meetings and conferences in selected areas from time to time and to provide updated regular training to the regulatory authorities and stake holders.

1.2. Annual Targets and Achievements at a Glance

Achievements in respect of Result Framework Document 2014-2015

Objective	Actions	Success Indicators	Targets	Progress upto 31.03.2015
Effective AYUSH drug Administration	Pharmacopoeial Standardization & Harmonization of drugs under Indian System of Medicines	Single drugs of Ayurvedic System	36	22
		Compound formulations of Ayurvedic System	18	20
		Single drugs of Siddha System	24	24
		Compound formulations of Siddha System	9	16
		Compound drugs of Unani System	40	40
		Development of Monographs of Homoeopathy Drugs	45	46

2. MANAGEMENT

The Commission was initially established as Pharmacopoeia Commission for Indian Medicine (PCIM) in the year 2010. However in pursuance to the decision of the Central Government dated 20th March 2014, Homoeopathy was augmented and the Commission was renamed as Pharmacopoeia Commission for Indian Medicine & Homoeopathy (PCIM&H). Amendments in three-tier governing structure of the Commission have also come in effect with this restructuring of PCIM as PCIM&H. The Commission is re-registered under Societies Registration Act, 1860 on 25th June 2014 with its new name and Memorandum of Association. It has been principally accepted that Sowa Rigpa also has to be a part of Commission; however its actual incorporation will take place at a later stage when its Pharmacopoeial institutions are set up.

The structural pattern as in enforcement is described below.

The Commission consists of:

- (a) General Body
- (b) Standing Finance Committee
- (c) Scientific Body

2.1 General Body

The General Body is the Apex body and is responsible for overall governance of the Commission.

Composition: The composition of the General Body during the reported period was as follows:-

- | | | |
|------|----------------------------------|-------------------|
| i) | Secretary, Deptt. Of AYUSH | - Chairman |
| ii) | Joint Secretary, AYUSH | - Vice-Chairman-1 |
| iii) | Chairman, Scientific Body | - Vice-Chairman-2 |
| iv) | Secretary and DG ICMR | - Member |
| v) | Chairman, CII or his nominee | - Member |
| vi) | Chairman, FICCI or his nominee | - Member |
| vii) | Drugs Controller General (India) | - Member |

viii)	Central Drug Controller (AYUSH)*	- Member
ix)	Adviser (Ay.), Deptt.of AYUSH	- Member
x)	Adviser (Unani), Deptt.of AYUSH	- Member
xi)	Adviser (Homoeopathy), Deptt.of AYUSH	- Member
xii)	Eminent ASU&H experts (one from each system)	- Members
xiii)	One representative each of ASU&H Drug Manufacturers	- Members
xiv)	Director PCIM/PCIM&H	- Member Secretary

2.2 Standing Finance Committee (SFC)

All matters with respect to financial approvals are dealt by SFC. SFC is responsible for screening/appraising/evaluating the projects/works etc. of the Commission and recommend for the approval of these projects /works by the General Body.

Composition: The composition of the Standing Finance Committee during the reported period was as follows:-

i)	Joint Secretary (AYUSH)	- Chairperson
ii)	Chairperson, Scientific Body	- Vice-Chairperson
iii)	Financial Advisor, M/o Health & FW	- Member
iv)	Central Drug Controller (AYUSH)*	- Member
v)	Director PCIM/PCIM&H	- Member

2.3 Scientific Body

The Scientific Body is responsible for designing /preparing and according technical approval for all the scientific & technical works/projects and execution of these works/projects through different Pharmacopoeia Committees/other agencies, publication of validated Pharmacopoeia after obtaining the approval of the General Body. The Scientific Body is headed by an eminent Scientist, nominated by the Central Government.

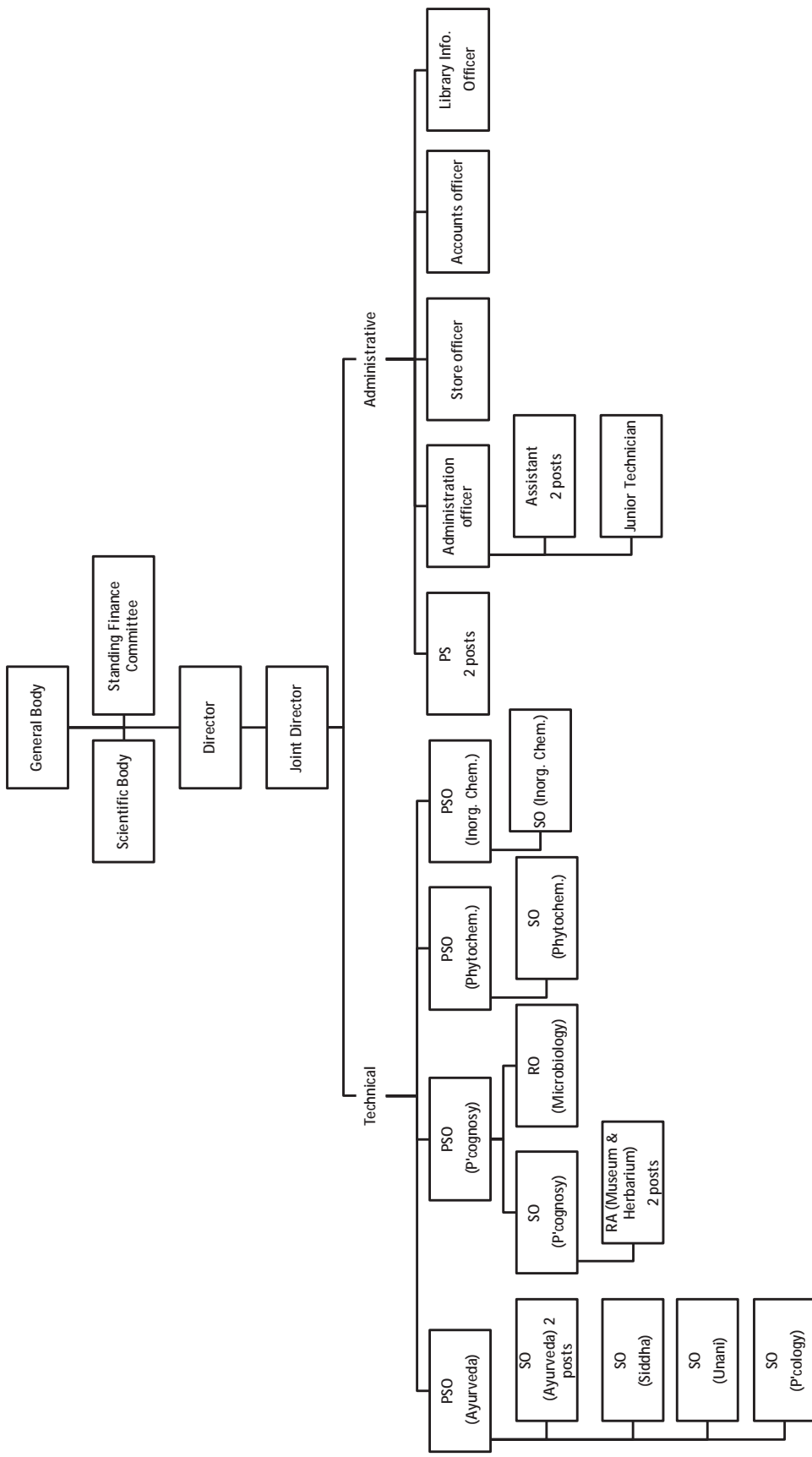
* Will be included after the approval of proposal under consideration in Deptt. of Expenditure

Composition: The Scientific Body, during the reported period, consisted of following members:-

1. Eminent Scientist or an ASU&H Expert with Significant experience in Pharmacopoeial work	-	Chairman
2. Chairman Indian Pharmacopoeia Commission or his nominee	-	Member
3. Chairman, APC	-	Member
4. Chairman, UPC	-	Member
5. Chairman, SPC	-	Member
6. Chairman, HPC	-	Member
7. Director General, ICMR or his nominee (ASU Drugs Expert)	-	Member
8. Director General, CSIR or his nominee (ASU Drugs Expert)	-	Member
9. Member Secretary, APC / DG, CCRAS	-	Member
10. Member Secretary, UPC / DG, CCRUM.	-	Member
11. Member Secretary, SPC / DG, CCRS	-	Member
12. Member Secretary, HPC / DG, CCRH	-	Member
13. Central Drug Controller (AYUSH)	-	Member
14. Adviser (Ay) Deptt. of AYUSH	-	Member
15. Adviser (Unani), Deptt. of AYUSH	-	Member
16. Adviser (Homoeopathy), Deptt. of AYUSH	-	Member
17. Dy. Adviser (Siddha), Department of AYUSH	-	Member
18. Professional expert drawn one each from ASU&H industry	-	Member
19. One expert each from ASU&H Academia and Regulatory Bodies	-	Member
20. Director, Pharmacopoeia Commission for Indian Medicine	-	Member Secretary

2.4 Organizational Setup

The governing structure of Commission along with sanctioned staff strength during the reporting period is schematically represented below.



2.5. Execution of Pharmacopoeial Work

The Scientific and technical work of the Commission is being executed through various committees of respective system of medicine under the supervision of the Scientific Body. The four Pharmacopoeia committees are as below:

- i. Ayurvedic Pharmacopoeia Committee (APC)
- ii. Siddha Pharmacopoeia Committee (SPC)
- iii. Unani Pharmacopoeia Committee (UPC)
- iv. Homoeopathic Pharmacopoeia Committee (HPC)

Each Pharmacopoeia Committee comprises of 15 to 20 experts from related disciplines of science and technology connected with Pharmacopoeial standards.

Pharmacopoeial Laboratory for Indian Medicine (PLIM) and Homoeopathic Pharmacopoeial Laboratory (HPL), permanent supporting structures to the PCIM&H also contribute to pharmacopoeial work..

2.5.1 Structure of Ayurvedic Pharmacopoeia Committee (APC)

- | | |
|--|----------|
| 1. Eminent Scientist and Expert with Significant experience in Pharmacopoeial work | Chairman |
|--|----------|

Official Members:

- | | |
|--|---------------------|
| 2. Advisor (Ayurveda),
Deptt. of AYUSH, Govt. of India | Member |
| 3. Director
Pharmacopoeial Laboratory for Indian Medicine
Ghaziabad | Member |
| 4. Director General
Central Council for Research in Ayurvedic Sciences
(CCRAS)
New Delhi | Member
Secretary |

Non-official Members:

- | | |
|---|---------|
| Two experts in the field of analytical chemistry/ pharmaceutical chemistry or pharmaceutics | Members |
| An expert in the field of pharmacy/pharmaceutical science | Member |
| Two expert in the field of Pharmacognosy | Members |

Two experts in the field of Dravyaguna.	Members
Two experts from the field of Rasashastra and BhaishajayaKalpana.	Members
Two experts from the Ayurvedic industry experienced in the manufacture.	Members
One expert from the field of Biotechnology/ Pharmacology	Member
Two experts of Bhasma/ Metals & Minerals	Members

List of present members of APC enclosed at Annexure: II

2.5.2 Structure of Siddha Pharmacopoeia Committee (SPC)

- | | |
|--|----------|
| 1. Eminent Scientist and Expert with Significant experience in Pharmacopoeial work | Chairman |
|--|----------|

Official Members:

- | | |
|--|---------------------|
| 2. Deputy Advisor (Siddha)
Deptt. of AYUSH, Govt. of India | Member |
| 3. Director
Pharmacopoeial Laboratory for Indian Medicine
Ghaziabad | Member |
| 4. Director General
Central Council for Research in Siddha (CCRS)
Chennai | Member
Secretary |

Non-official Members:

- | | |
|--|---------|
| Two experts in the field of Organic Chemistry/ Plant chemistry | Members |
| An expert in the field of Pharmaceutical Chemistry | Member |
| Two expert in the field of Pharmacognosy | Members |
| Two experts in the field of Gunapadam | Members |
| Two experts from the field of Rasashastra, Siddha Pharmacy | Members |
| An expert in the field of Siddha industry | Member |
| An expert from the field of Pharmacology | Member |
| Two experts from the field of Bhasma/Metals/Minerals | Members |

List of present members of SPC enclosed at Annexure: III

2.5.3 Structure of Unani Pharmacopoeia Committee (UPC)

- | | |
|--|----------|
| 1. Eminent Scientist and Expert with Significant experience in Pharmacopoeial work | Chairman |
|--|----------|

Official Members:

- | | |
|--|---------------------|
| 2. Advisor (Unani) , Deptt. of AYUSH, Govt. of India | Member |
| 3. Director , Pharmacopoeial Laboratory for Indian Medicine, Ghaziabad | Member |
| 4. Director General , Central Council for Research in Unani Medicine (CCRUM), New Delhi | Member
Secretary |

Non-official Members:

- | | |
|--|---------|
| Two experts in the field of analytical chemistry | Members |
| An expert in the field of Pharmacy/Pharmaceutical Chemistry | Member |
| Two expert in the field of Pharmacognosy | Members |
| Two experts in the field of Ilmuladvia | Members |
| Two experts in the field of Dawasaji, Unani as applicable to pharmaceutical and health | Members |
| An expert from the Unani industry | Member |
| An expert from the field of Biotechnology/ Pharmacology | Member |
| Two experts of Kushtajat /Mineral & Metals | Members |

List of present members of UPC enclosed at Annexure: IV

2.5.4 Structure of Homoeopathic Pharmacopoeia Committee (HPC)

- | | |
|--|----------|
| 1. Eminent Scientist and Expert with Significant experience in Pharmacopoeial work | Chairman |
|--|----------|
- #### Official Members:
- | | |
|--|--------|
| 2. Advisor (Homoeopathy)
Deptt. of AYUSH, Govt. of India | Member |
| 3. Director
Pharmacopoeial Laboratory for Indian Medicine
Ghaziabad | Member |

4. Director General Central Council for Research in Homoeopathy (CCRH), New Delhi	Member Secretary
Non-official Members:	
One expert each in the field of analytical chemistry, pharmaceutical chemistry	Members
An expert in the field of Homoeopathic pharmacy/pharmaceutical science	Member
An expert in the field of Pharmacognosy	Member
Two experts from the Homoeopathy industry	Members
One expert from the field of Homoeopathy	Member

List of present members of HPC enclosed at Annexure: V

Functions of the Pharmacopoeia Committees:

- To prepare official Formularies and Pharmacopoeias, Pharmaceutical Codex of single drugs and compound formulations and other technical documents related to standards for drugs
- To provide standards for drugs and medicines of therapeutic usefulness or pharmaceutical necessity sufficiently used in the ASU & Homoeopathy practice
- To lay down testing protocols & methodologies for identity, quality and purity of drugs
- To ensure as far as possible uniformity, physical properties and active constituents of drugs
- To provide all other scientific information regarding the distinguishing characteristics, methods of preparation, dosage forms, mode of administration etc. of drugs

2.5.5 Pharmacopoeial Laboratory for Indian Medicine (PLIM)

Pharmacopoeial Laboratory for Indian Medicine (PLIM) was established in 1970 under the then Ministry of Health & Family Welfare, Govt. of India. The laboratory has the mandate to develop Pharmacopoeial standards and draft monographs and amendments along with standardization methods, for the ASU drugs and to act as Central Appellate Drug Laboratory for testing of ASU drugs under Rule 163A of Drugs & Cosmetics Rules, 1945.

The laboratory primarily helps PCIM&H to lay down standards for single drugs as well as compound formulations of ASU systems to be incorporated in respective pharmacopoeias. Apart from it, the laboratory also houses Herbarium and Museum for preserving standard and authentic specimen of crude drugs and also a repository of authentic Phytochemical standards. Towards dissemination of knowledge and ensuring enforcement of D&C, Training Programmes for Scientists working in the Pharmaceutical Industry of ISM and Orientation Lecture Programmes for Drugs Inspectors/Drug Analysts are also organized. Survey tours are also conducted to collect the genuine samples of crude drugs from different agro-climatic zones of the country for developing Pharmacopoeial Standards.

2.5.6 Homoeopathic Pharmacopoeial Laboratory (HPL)

Homoeopathic Pharmacopoeial Laboratory (HPL), established in 1975 under the then Ministry of Health & Family Welfare, Govt. of India, is a permanent supporting structure to the PCIM&H. It is the Central Standards Setting cum Drugs Testing Laboratory for Homoeopathic medicines established under Section 6 of the Act and Rule 3A and Sub-Rule 7 of Drugs & Cosmetics Act, 1940.

The laboratory lays down standards for Homoeopathic drugs to be incorporated in its Homoeopathic Pharmacopoeia of India. The laboratory houses a well-maintained Herbarium and Museum for preserving standard and authentic specimen of crude drugs. The laboratory undertakes survey tours to collect genuine samples of crude drugs from different parts of the country for developing Pharmacopoeial Standards. Herbal garden is also maintained to grow exotic Homoeopathic medicinal plants. Orientation lecture programmes for Drugs Inspectors/Drug Analysts are organized by the laboratory towards dissemination of knowledge and ensuring enforcement of Drugs and Cosmetics Act and Rules.

3. TECHNICAL ACCOMPLISHMENTS

3.1. Development of Phytochemical Reference Standards (PRS) repository

Generating and maintaining repository of chemical reference marker compounds of the plants or other ingredients used in standardizing Ayurveda, Siddha, Unani and Homeopathy medicines is one of the key objectives of the Commission. Keeping in line with this and in order to secure the isolated phyto-compounds and associated scientific data in such a manner that facilitates their appropriate usage towards development of pharmacopoeial standards and other research of national importance, Commission has almost worked out a Memorandum of Understanding (MoU) with Indian Council for Medical Research (ICMR). Implementation of the agreement will contribute number of PRSs with associated scientific data to Commission's repository in coordination with PLIM.

3.2. Gearing up Development of Pharmacopoeial standards and allied works through a new Scheme to be operational in project mode

It is desired that work on development of monographs of single drugs / compound formulations / Extracts / Atlas may be allotted to the Research Councils' Institutes / AYUSH institutions preferably. In case, they are not in a position to take up the work, it may be outsourced in a Task Force mode to selected academic/research institutes of repute with necessary infrastructure and expertise/approved analytical laboratories / institutions or industries having required infrastructure and instrumentation/equipment with firm commitments of timely deliverables. Duly constituted Task Force will make selection of the Institute/laboratory/industry (preferably having earlier experience in the field) with well reputed, experienced & committed Principal Investigator for Pharmacopoeia work. The Task Force will also be responsible for evaluating & monitoring the assigned work. The Task Force will consist of the following.

Composition of the Task Force:

1.	Chairman, Pharmacopoeia Committee(APC/UPC/SPC/HPC)	Chairman
2.	Subject Expert Member (s) from among the members of Pharmacopoeia Committee (Not more than four)	Members
3.	Advisor/Joint Advisor AYUSH	Member

4.	Director/Joint Director, PCIM&H	Member
5.	Director General (CCRAS/CCRUM/CCRS/CCRH) Member Secretary, Pharmacopoeia Committee	Member Secretary

The Scheme sketched out by Commission during reporting period has been duly approved by the Scientific Body and has been recommended for further necessary sanctions by Standing Finance Committee and General Body.

3.3 Achievements of Pharmacopoeia Committees

Progress of work done by various Pharmacopoeia committees during the reporting period is described below.

3.3.1 Ayurvedic Pharmacopoeia Committee (APC)

- Contributing to development of pharmacopoeial standards for single drugs, monographs for 22 drugs of plant origin were finalized.
- Under the programme to develop and standardize method of preparation, pharmacopoeial standards and shelf life studies for compound formulations, data on 20 Ayurvedic formulations were thoroughly reviewed during this period and monographs for the same are about to be finalized.

1. Lakshmivilasa Rasa (Naradiya)
2. Arogyavardhini Gutika
3. Shvasakuthara Rasa
4. Laghu Sootashekhara Rasa
5. Jaharamohara Pishti
6. Shankha Bhasma
7. Shankha Shodhana
8. Sphatika Shodhana
9. Smritisagara Rasa
10. Saptamrita Lauha
11. Shilajatvadi Lauha
12. Nagarjunabhra Rasa
13. Karpoora Rasa
14. Vidangadi Lauha
15. Gandhaka Rasayana
16. Gairika Shodhana

17. Tankana Shodhana
18. Kamadugha Rasa (MauktikaYukta)
19. Shirahshooladi Vajra Rasa
20. Chandraprabha Vati

- As a part of 'Harmonization of single drug monographs occurring in various pharmacopoeias of ASU Systems', exercise has been carried out to compile the data for 22 Single drugs of plant origin.

Sr. No.	Botanical Name	Part used
1.	<i>Acorus calamus</i>	Rhizome
2.	<i>Adathoda zeylanica</i>	Root
3.	<i>Allium sativum</i>	Bulb
4.	<i>Alpinia galanga</i>	Rhizome
5.	<i>Althea officinalis</i>	Root
6.	<i>Althea officinalis</i>	Seed
7.	<i>Anethum sowa</i>	Fruit
8.	<i>Areca catechu</i>	Seed
9.	<i>Asparagus racemosus</i>	Root Tubers
10.	<i>Bombax ceiba</i>	Stem Bark
11.	<i>Buchanania lanzan</i>	Seed
12.	<i>Butea monosperma</i>	Stem Bark
13.	<i>Butea monosperma</i>	Flower
14.	<i>Butea monosperma</i>	Gum
15.	<i>Butea monosperma</i>	Seed
16.	<i>Butea monosperma</i>	Flower
17.	<i>Butea monosperma</i>	Seed
18.	<i>Caesalpinia bonducella</i>	Seed
19.	<i>Cannabis sativa</i>	Leaves
20.	<i>Capparis spinosa</i>	Root
21.	<i>Carthamus tinctorius</i>	Flower
22.	<i>Carum carvi</i>	Fruit

- The Committee has decided to take up the formulations mentioned in Essential Drugs List (EDL-2008) notified by AYUSH on priority basis. 30 formulations

have been identified at first instance for developing Method of Preparation and the work has been initiated. List of the identified formulations is as follows:

1. Agnitundi Vati
2. Amrita (Giloy) Churna
3. Ark Ajwain
4. Satapushpark /Misreyarka
5. Ashwagandha Churna
6. Ashwagandharishta
7. AYUSH-64
8. Brahmi Vati
9. Chandanasava
10. Dadimashtak Churna
11. Dasanasamskara Churna
12. Eranda Paka
13. Eranda Taila / Gandharvahasta taila
14. Gojihwadi Kwath Churna
15. Jatyadi Taila/Ghrita
16. Khadiradi Vati
17. Kumaryasava
18. Kutajaghan Vati
19. Lodhrasava
20. Maharasnadi Kwath Churna
21. Mulethi Churna
22. Panchanimba Churna
23. Phalatrikadi Kwath Churna
24. Punarnava Churna
25. Saraswatarishta
26. Sarpagandha Mishran
27. Shatavari Churna
28. Soubhagya Shunthi
29. Triphala Churna
30. Vasarishta

- In continuation to ongoing work on Development of Community Herbal Monographs for Herbal Medicinal Products Committee (HMPC) some additional information was sought by the concerned authorities. Revisions have been made accordingly to the following monographs:
 1. *Adhatoda vasica*
 2. *Andrographis paniculata*
 3. *Withania somnifera*
 4. *Picrorhiza kurroa*
 5. *Curcuma xanthorrhiza*
- Preparation of a document on Ayurvedic Veterinary Formulations is continued from previous years and more formulations were identified for incorporation.
- The Committee has agreed upon the need of a separate document on Glossary of technical terms of Ayurveda pertaining to action and therapeutic uses. The exercise has been taken up during the reporting period.
- Preparation of a Ready Reckoner / Index of Monographs published in Ayurvedic Pharmacopoeia of India has been taken up and the work is under pipeline.
- Decision has been taken to carry out APC - Industry interactive workshops at regional levels in various parts of India to gather the data on problems being faced by Ayurveda Industry regarding compliance of regulatory standards made mandatory by pharmacopoeia. Necessary procedures and background exercise has been taken up.
- The Committee has taken note of *Sugandha Dravyas* being marketed where their volatile fractions are taken away without inducing any physical damage to the materials. In this background, committee has felt need of authentic data on volatile oil content in *Sugandha Dravyas* (aromatic drugs) used in classical Ayurvedic formulations. Estimation of volatile oil content in genuine samples of such identified drugs has been taken up and the task is being carried out by PLIM.

- Preparation of Informative book for Students/Teachers regarding APC and other related topics to disseminate the knowledge has been taken up and is under progress.

3.3.2 Siddha Pharmacopoeia Committee (SPC)

- Contributing to development of pharmacopoeial standards for single drugs, monographs for 21 drugs of plant origin were finalized.

1.	Cuntai vatrai	<i>Solanum torvum</i> Sw.	Dried fruit
2.	Agathi ilai	<i>Sesbania grandiflora</i> (L.) Pers.	Leaf
3.	Kiranthinayagam camulam	<i>Diteracanthus patulus</i> Nees	Whole plant
4.	Kiranthinayagam ver	<i>Diteracanthus patulus</i> Nees	Root
5.	Mukkarattai ilai	<i>Boerhaavia diffusa</i> L.	Leaf
6.	Venkodiveli ilai	<i>Plumbago zeylanica</i> L.	Leaf
7.	Ilanthai ilai	<i>Ziziphus jujuba</i> Mill	Leaf
8.	Imbural camulam	<i>Oldenlandia umbellata</i> L	Whole plant
9.	Musumusukkai ilai	<i>Mukia maderaspatana</i> (L.) M. Roem	Leaf
10.	Marukkarai	<i>Catunaregam spinosa</i> (Thunb.) Torv.	Fruit
11.	Ponthagari ilai	<i>Cassis occidentalis</i> L.	Leaf
12.	Nilavembu camulam	<i>Andrographis paniculata</i> (Burm.f.) Nees	Whole plant
13.	Anait tippili	<i>Piper retrofractum</i> L.	Fruit
14.	Nuna ilai	<i>Morinda coreia</i> Buch.-Ham.	Leaf
15.	Kalarchi ilai	<i>Ceasalpinia bonduc</i> (L.) Roxb.	Leaf
16.	Yanai nerunjil camulam	<i>Pedaliium murex</i> L.	Whole Plant
17.	Kozhi avarai ilai	<i>Canavalia virosa</i> (Roxb.) W.& A.	Leaf
18.	Nilakkimil ver	<i>Gmelina asiatica</i> L.	Root
19.	Othlyam pattai	<i>Lannea coramandelica</i> (Houtt.) Merr.	Stem bark
20.	Cankan kuppi ilai	<i>Clerodendrum inerme</i> L.	Leaf
21.	Cittramutti ver	<i>Sida cordifolia</i> L.	Root

- Under the programme to develop and standardize method of preparation and pharmacopoeial standards for compound formulations, draft monographs have been finalized for 10 Siddha formulations.

1. Nandhi mezhugu
 2. Ganthaga rasayanam
 3. Balasanjeevi Mathirai
 4. Vasantha Kusumakaram
 5. Idivallathy Mezhugu
 6. Silasathu parpam
 7. Sangu Parpam
 8. Seenthil Chooranam
 9. Brahmananda Bairavam
 10. Poorna chandrodaya chenduram
- Updating the Siddha Formulary of India Part - I for revised edition (Tamil) comprising 248 classical Siddha formulations encompassing 22 pharmaceutical forms has been complete with due approval of by SPC and is made almost ready to be sent for printing.
 - Revision of Siddha Formulary of India Part-II (English) has also been taken up and is under progress.
 - Draft of Siddha Pharmacopoeia of India Part-I, Vol. III is under reorganization/modification to comply with the new format.
 - Preparation of the Siddha Pharmacopoeia of India Part – I, Vol. IV (Metals & Minerals) is under progress.
 - Preparation of the Siddha Formulary of India Part III (Tamil) has been initiated.

3.3.3 Unani Pharmacopoeia Committee (UPC)

- Development of pharmacopoeial standards for 10 single drugs was carried out. The list is as follows:
 1. Tikhm-e-Jirjir: *Brucea stiva* Mill. *Nasturtium officinale* R. Br.
 2. Kahruha: *Pinus succinera* Linn.
 3. Har Singar: *Nyctanthes arbor-trestis* Linn.
 4. ISQEEL: *Urgenia indica* Kunth.
 5. Aquqia (Kikakar, Babul): *Acacia arabica* Willd.
 6. Dirmana Turki: *Artemesia meritina* Linn.
 7. Habb-ul-Rashaad (Tukh-e-Taratezak, Haloon): *Lepidium sativum* Linn.,
 8. Habb-ul-Samena (Chironji): *Buchanania angustifolia* Roxb.

9. Kahu: *Lactuca sativa* Linn.
 10. Kanocha: *Phyllanthus maderaspatensis* Linn.
- Under the programme to develop and standardize method of preparation and pharmacopoeial standards for compound formulations, monographs for 40 formulations were developed.
 1. Banadiq-ul-Buzoor
 2. Habb-e-Muqawwi-e-Basar
 3. Shikanjabeen-e-Nanai
 4. Sufoof-e-Satt-e-Gilo
 5. Sufoof-e-Tecn
 6. Sufoof-e-Z iabetes Dulabi
 7. Tiryaq-e-Nazla
 8. Zuroor-e-Qula
 9. Laooq-e-Khiyarshambar
 10. Majoon-e-Ispand Sokhtani
 11. Majoon-e-Azraqi
 12. Majoon-e-Hajr-ul- Yahood
 13. Majoon-e-Lana
 14. Luboob-e-Sagheer
 15. Majoon Hamal Ambari Alvi Khani
 16. Raughan-e-Auraq
 17. Habb-e-Zahar Mohra
 18. Habb-e-Karanjwa
 19. Habb-e-Bukhar
 20. Habb-e-Jund
 21. Arq-e-Mundi
 22. Qurs-e-Deedan
 23. Qurs-e-Dawa-ul Shifa
 24. Habb-e-Banafsha
 25. Qurs-e-Anjabar
 26. Habb-e-Ustukhuddus
 27. Qurs-e-Musakkin
 28. Qurs-e-Habis
 29. Majoon Masik-ul-Baul

30. Majoon Seer Al vi Khani
 31. Majoon-c-Suhaq Soonth
 32. Raughan-e-Haft Berg
 33. Raughan-e-Mom
 34. Raughan-e- Qaranfal
 35. Raughan-e-Suranjan
 36. Raughan-e-Zaitoon
 37. Sufoof-c-aamla
 38. Sufoof-e-Namak-e-Shaikur Raees
 39. Jawarish-e-Oood Tursh
 40. Jawarish-e-Zarooni Saada
- Draft of Part II, Vol. 4 comprising of 50 monographs has been almost finalized.
 - Hindi version of fourth part of National Formulary for Unani Medicine (NFUM, Part IV) is under process.

3.3.4 Homoeopathic Pharmacopoeia Committee (HPC)

- Pharmacopoeial standards for forty five Homoeopathic drugs have been developed.
 1. *Anemopsis californica*
 2. *Arbutus andrachne*
 3. *Aristolochia milhomens*
 4. Baja
 5. *Cytisuss coparius*
 6. *Eryngium maritimum*
 7. *Glechoma hederacea*
 8. *Hydrophyllum virginianum*
 9. *Jatropha urens*
 10. *Karwinskia humboldtiana* (Rhambnus humb.)
 11. *Knautia arvensis*
 12. *Lepidium bonariense*
 13. *Limulus cyclops*
 14. *Lobelia purpurascens*
 15. *Lonicera xylosteum*
 16. *Marrubium vulgare*
 17. Okoubaka
 18. *Ostrya virginiana*

19. *Oxydendrum arboreum*
20. *Paretaria officinalis*
21. *Platanus occidentalis*
22. *Polyporus pinicola*
23. *Pulmonaria vulgaris*
24. *Trillium pendulum*
25. *Quercus glandium-spiritus*
26. Colocynthinum
27. Duboisinum
28. *Lithium muriaticum*
29. *Magnesium fluoratum*
30. *Manganum sulphuricum*
31. *Mercurius auratus*
32. *Mercurius sulphuricum*
33. Ozonum
34. Paraffinum
35. *Plumbum iodatum*
36. *Aethiopsantimonialis*
37. Chlorpromazinum
38. Eosinum
39. *Kalium hydriodicum*
40. *M. sulphuricum*
41. *Quassia amara*
42. *Bryonopsis laciniosa*
43. *Salvia sclarea*
44. *Syzygium jambolanum*
45. *Rosa damascena*

3.4. Coordinated activities with Pharmacopoeial laboratories

Following quantifiable deliverables for PCIM&H were achieved during the reporting period:

Sl. No.	Quantifiable Deliverables	Achievements
1.	Pharmacopoeial standardization of ASU & Homoeopathy drugs (Single and Compound drug Formulations/metals, minerals, animal products, extracts/ study of Bhasma) their Standard Operating procedures for manufacture and quality, purity and strength/ verification of standard/preparation monographs thereon	45
2.	Pharmacopoeial standardization of Homoeopathy drugs (verification of standard/preparation of monographs thereof)	45
3.	Analysis/Testing of Drug samples from different official sources	106
4.	Medicinal Plants survey / collection tours	06
5.	Collection/Addition of herbal drugs in Museum/ Botanical reference standards Repository	289
6.	Cultivation and maintenance of Medicinal Plants in Herbal Garden	Continuous Process
7.	Capacity Building Training Programme for Drug Inspectors/Analysts/Manufacturers	07
8.	Revision of pharmacopoeias/Formularies/ Codex and other publications	19

3.5. Meetings Held

List of meetings of various Bodies/Committees of Commission held during reporting period is as follows:

Sl. No.	Name of the Body/Committee	Date	Venue
1.	Standing Finance Committee	8 th August 2014	Ministry of AYUSH
2.	Ayurvedic Pharmacopoeia Committee	4 -5 th August 2014	Committee room, CCRAS Headquarters
3.	Scientific body of PCIM&H	2 nd January 2015	Committee room, CCRH Headquarters
4.	Unani Pharmacopoeia Committee	19 th January 2015	Committee room, CCRUM Headquarters
5.	Ayurvedic Pharmacopoeia Committee	22-23 rd January 2015	Committee room, CCRAS Headquarters
6.	Unani Pharmacopoeia Committee (subcommittee meeting)	28 th January 2015	Committee room, CCRUM Headquarters
7.	Siddha Pharmacopoeia Committee	13 th February 2015	Auditoriumm, SCRI Chennai
8.	Ayurvedic Pharmacopoeia Committee	11 - 12 th March 2015	Committee room, CCRAS Headquarters
9.	Unani Pharmacopoeia Committee	23 rd March 2015	Committee room, CCRUM Headquarters

4. FINANCIAL STATEMENTS

4.1. Budget

Budget estimate plans for the period under review were as denoted below. The figures indicated are in thousands of rupees.

Budget Estimate 2014-2015			
	Plan	Non-Plan	Total
Pharmacopoeia Committee on ASU and Strengthening of Pharmacopoeia Commission of Indian Medicine (PCIM)			
Salaries	14900	6500	21400
Medical Treatment	100	0	100
Domestic Travel Expenses	5000	1080	6080
Office Expenses	3500	0	3500
Grant-in-aid-General	1000	0	1000
Other Charges	500	500	1000
Total	25000	8080	33080

4.2. Expenditure

Income Expenditure Account for the Period/Year Ended 31-03-2015

(A) Income	Schedule	Current Year	Previous Year
Grant/Subsidies	-	-	-
Interest Earned		-	-
Other Income		-	-
Total		-	-
*(B)Expenditure			
Plan			
Establishment Expenses	3	3,253,036.00	11,516.00
Other Administrative Expenses	4	2,458,253.00	2,570,929.00
Expenditure on Grants Subsidies		-	-
Depreciation		-	-
Total		5,711,289.00	2,582,445.00
Balance being excess of Income over Expenditure (A-B)		(5,711,289.00)	(2,582,445.00)
Balance being surplus/(deficit) carried to corpus/capita fund		(5,711,289.00)	(2,582,445.00)

4.3. Audited Accounts

**“PHARMACOPOEIA COMMISSION FOR INDIAN MEDICINE
& HOMEOPATHY”**

**UNAUDITED ANNUAL ACCOUNTS OF “PHARMACOPOEIA
COMMISSION FOR INDIAN MEDICINE & HOMEOPATHY”
FOR THE YEAR 2014-15**

**Ministry of AYUSH
Government of INDIA**

FORM OF FINANCIAL STATEMENT (NON-PROFIT ORGANISATION)
NAME OF ENTITY: PHARMACOPOEIA COMMISSION FOR INDIAN MEDICINE & HOMEOPATHY
BALANCE SHEET AS ON 31-03-2015

Corpus / Capital Fund & Liabilities	Schedule	Current Year	Previous year
Corpus / Capital Fund	1	2,864,405.00	8,575,694.00
Earmarked / Endowment Funds	-	-	-
Current Liabilities	-	-	-
Total		2,864,405.00	8,575,694.00
Assets			
Fixed Assets	-	-	-
Investment - Others	-	-	-
Current Assets, Loans & Advances	2	2,864,405.00	8,575,694.00
Total		2,864,405.00	8,575,694.00
Significant Accounting Policies	6	-	-
Contingent Liabilities & Notes on Accounts	7	-	-

For V.V. Patel & Co.

Chartered Accountants

Rajeev S. Pandya

CA Rajeev S. Pandya

(Partner)

[Membership no. : 156652]



Rajeev S. Pandya
28/03/15

Rajeev S. Pandya
ए. व्ही. पाटील
लेखाधिकारी

सी. पी. आर. ए. एच.

अण्णपुरी नं० दिल्ली-110068

FORM OF FINANCIAL STATEMENT (NON-PROFIT ORGANISATION)
NAME OF ENTITY: PHARMACOPOEIA COMMISSION FOR INDIAN MEDICINE & HOMEOPATHY
Income & Expenditure Account for the year ended 31-03-2015

<u>(A) Income</u>	Schedule	Current Year	Previous year
Grant / Subsidies	-	-	-
Interest Earned	-	-	-
Other Income	-	-	-
Total		-	-
<u>(B) Expenditure</u>			
Establishment Expenses	3	3,253,036.00	11,516.00
Administrative Expenses	4	2,458,253.00	2,570,929.00
Expenditure against Grants Subsidies	-	-	-
Depreciation	-	-	-
Total		5,711,289.00	2,582,445.00
Balance being excess of Income over Expenditure (A-B)		(5,711,289.00)	(2,582,445.00)
Balance being surplus / (deficit) carried to Corpus Capital Fund		(5,711,289.00)	(2,582,445.00)
Significant Accounting Policies	6	-	-
Contingent Liabilities & Notes on Accounts	7	-	-

For V.V. Patel & Co.

Chartered Accountants

V.V. Patel
 CA Rajeet S. Pandya
 (Partner)
 [Membership no. : 156652]



Dr. Anil Astetic
 Dr. Anil Astetic
 Dr. Anil Astetic

R. Khanna
 R. Khanna
 R. Khanna

Dr. Anil Astetic
 Dr. Anil Astetic
 Dr. Anil Astetic

FORM OF FINANCIAL STATEMENT (NON-PROFIT ORGANISATION)
NAME OF ENTITY: PHARMACOPOEIA COMMISSION FOR INDIAN MEDICINE & HOMEOPATHY
RECEIPT & PAYMENT ACCOUNT FOR THE YEAR ENDED 31-03-2015

	AMOUNT (INR)		PAYMENT	AMOUNT (INR)	
	Current Year	Previous Year		Current Year	Previous Year
RECEIPTS					
<i>Opening Balance</i>					
Cash in Hand	-	-	Establishment Expenses		
Cash at Bank	8,575,694.00	11,158,139.00	Pay & Allowances	3,253,036.00	11,516.00
<i>Grant Received</i>			Administrative Expenses		
Central Government	-	-	Contingencies	1,192,676.00	-
<i>Other Receipt</i>			Travelling Allowances/ Sitting Fees	1,265,577.00	2,570,929.00
			Closing Balance		
			Cash in hand	-	-
			Cash at Bank	2,864,405.00	8,575,694.00
Total	8,575,694.00	11,158,139.00	Total	8,575,694.00	11,158,139.00



Dr. J. M. T. 25/05/15
 ए. के. सिपाई
 लेखाधिकारी
 सी. सी. आर. ए. एफ.
 बंगलुरु-110008

R. Ruchama
 25/05/15

FORM OF FINANCIAL STATEMENT (NON-PROFIT ORGANISATION)
NAME OF ENTITY: PHARMACOPOEIA COMMISSION FOR INDIAN MEDICINE & HOMEOPATHY
Schedule Forming Part of Income & Expenditure Account for the year ended 31-03-2015

Schedule-1 : Corpus / Capital Fund	Current Year	Previous Year
Balance as at the beginning of the year	8,575,694.00	11,158,139.00
Add: Contribution towards corpus/capital fund	-	-
Less: Deficit from Income & Expenditure Account	(5,711,289.00)	(2,582,445.00)
Total	2,864,405.00	8,575,694.00

Schedule-2 : Current Assets, Loans & Advances	Current Year	Previous Year
Bank Balances (saving account)	2,864,405.00	8,575,694.00
Total	2,864,405.00	8,575,694.00

Schedule-3 : Establishment Expenses	Current Year	Previous Year
Salary, Wages & Allowance	3,253,036.00	11,516.00
Total	3,253,036.00	11,516.00

Schedule-4 : Administrative Expenses	Current Year	Previous Year
Contingencies	1,192,676.00	2,120,291.00
TA/DA Sitting Fees	1,265,577.00	450,638.00
Total	2,458,253.00	2,570,929.00



K.S. Patel
 25/05/15
 ए. से. शिरोडी
 सेवकसिपाणी
 सी. सी. ऑफ. ए. ए. ए.
 का.पं.पु.सी. नं. दिल्ली-110066

R. S. Chhanna
 25/05/15

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATION)

Name of Entity: PHARMACOPOEIA COMMISSION FOR INDIAN MEDICINE & HOMEOPATHY

SCHEDULE FORMING PART OF THE ACCOUNTS FOR THE PERIOD ENDED 31.03.2015

SCHEDULE 6: SIGNIFICANT ACCOUNTING POLICIES (ILLUSTRATIVE)

1. Accounting Convention:

The Financial Statements have been prepared on the basis of historical cost convention and on Cash basis, unless otherwise stated and on the Cash method of accounts.

2. Inventory Valuation:

Stores and Spares (including machinery spares) are valued at cost.

3. Fixed Assets:

Fixed Assets are stated at cost of acquisition of inward freight, duties and taxes and incidental and direct expenses to acquisition. In respect of projects involving construction, related pre-operational expenses including interest on loans to specific project to its completion, form part of the value of the assets capitalized.

4. Depreciation:

Depreciation on fixed assets for the year has been provided on the written down/diminishing value of assets at the following rates:

<u>Items</u>	<u>Rate of Depreciation</u>
Building	5%
Furniture & Fixture	10%
Vehicles, Essential Equip. & Office Equipment	15%
Lab & Hospital Equip., Plant & Machinery	15%
Computers & Library Books	60%

5. Government Grant/Subsidies:

Government grants capitalized during the year has been taken into account receipts basis in income and expenditure statement.

6. Retirement Benefits:

Gratuity paid on death/retirement of employees is taken on actual basis.



Prof. P. M. T. 25/05/15
ए. के. त्रिपाठी
लेखाधिकारी
सी. सी. नगर, ए. एस.
अनन्तपुरा नगर दिल्ली-110088

R. K. Sharma
25/05/15

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATION)

Name of Entity: PHARMAPOEIA COMMISSION FOR INDIAN MEDICINE& HOMEOPATHY

SCHEDULE FORMING PART OF THE ACCOUNTS FOR THE PERIOD ENDED 31.03.2015

SCHEDULE 7: CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS (ILLUSTRATIVE)

1. Current Assets, Loans and Advances:

In the opinion of the Management, the Current Assets, Loans and Advances have a value on realization in the ordinary course of business, equal at least to the aggregate amount shown in the Balance Sheet.

2. Taxation

In view of Taxation, being a Non-Profit Organization, no provision of Income Tax has been provided in the Annual Financial Statement of the Council for the year 2014-15 (Assessment year 2015-16 as per Income Tax Act, 1961)

3. Corresponding Figures for the previous year have been regrouped / rearranged, wherever necessary.

4. Schedules & Annexures are annexed to and form an Integral Part of the Balance Sheet as at 31.03.2015 and the Income-Expenditure & Receipt-Payment Accounts.

5. Figures have been rounded off to nearest Rupees.

6. i) Income-Expenditure & Receipt-Payment Accounts have been prepared on actual expenditure basis. Expenditure on Advances is shown in Balance Sheet instead of Income-Expenditure Account as such Income and Expenditure account does not reflect the picture of gross expenditure.

ii) Gross expenditure can be arrived at by taking into consideration the Actual Expenditure shown in Income & Expenditure Account (+) Advances, depreciated in Balance Sheet.

7. Interest on Deposit at Saving & Fixed amounts has been shown in Schedule 7 (Provision) & Schedule 11 (B) on Accrual Basis.

8. The other schedule as per the format of Annual Accounts of Autonomous Bodies, which are not relevant to PCIMH, have not been included herein.



Dr. Prakash
25/03/15
ए. के. निपाठी
लेखाधिकारी
सी. ए. आर. ए. एस.
पुनकपुरी चर्च दिल्ली-110088

R. K. Sharma
25/03/15

ANNEXURES

Annexure: I

Annexure I (A): Publications related to Ayurvedic Pharmacopoeia

Document	Part & Year of publication	No. of Formulations
Ayurvedic Formulary of India	Part I, 2003 (Second edition)	441
	Part II, 2000	187
	Part III, 2011 (Bilingual)	660
	Total	1288

Document	Part	Volume & year of publication	No. of Monographs
Ayurvedic Pharmacopoeia of India	Part I (Single Drugs)	Vol. I, 1990	80
		Vol. II, 1999	78
		Vol. III, 2001	100
		Vol. IV, 2004	68
		Vol. V, 2006	92
		Vol. VI, 2008	101
		Vol. VII, 2008 (Minerals and Metals)	21
		Vol. VIII, 2011 (Aqueous & Hydro-alcoholic extracts)	60
		Total	600
	Part II (Compound Formulations)	Vol. I, 2008	50
		Vol. II, 2009	51
		Vol. III, 2010	51
		Total	152
		Vol. II, 2011 (Hindi Ed.)	51
	Supporting Pharmacopoeial Publications	Thin Layer Chromatography (TLC) Atlas	API Drugs Pt. I, Vol. I, 2009
Macroscopy and Microscopy Atlas		API Drugs Pt.-I Vol. V, 2009	92
		API Drugs Pt.-I Vol. I, 2011	80

Annexure I (B): Publications related to Siddha Pharmacopoeia

Document	Part & Year of publication	No. of Formulations
Siddha Formulary of India	Part I (Tamil), 1984	248
	Part II (Tamil), 2011	151
	Total	399
	Part I (English), 1992	248

Document	Part	Volume & year of publication	No. of Monographs
Siddha Pharmacopoeia of India	Part I (Single Drugs)	Vol. I, 2008	73
		Vol. II, 2011	66
		Total	139

Annexure I (C): Publications related to Unani Pharmacopoeia

Document	Part & Year of publication	No. of Formulations
Unani Formulary of India	Part. I, 1981	441
	Part II, Vol. I, 2007	202
	Part III, 2001	103
	Part IV, 2006	166
	Part V, 2008	178
	Part VI, 2011	139
	Total	1229

Document	Part	Volume & year of publication	No. of Monographs
Unani Pharmacopoeia of India	Part I (Single Drugs)	Vol. I, 1998	45
		Vol. II, 2007	50
		Vol. III, 2007	53
		Vol. IV, 2007	50
		Vol. V, 2008	52
		Vol. VI, 2009	48
		Total	298
	Part II (Compound Formulations)	Vol. I, 2009	50
		Vol. II, 2010	50
		Total	100

Annexure I (D): Publications related to Homoeopathic Pharmacopoeia

Document	Part	Volume & year of publication	No. of Monographs
Homoeopathic Pharmacopoeia of India	Part I (Single Drugs)	Vol. I, 1971	180
		Vol. II, 1974	100
		Vol. III, 1978	105
		Vol. IV, 1984	107
		Vol. V, 1987	114
		Vol. VI, 1990	104
		Vol. VII, 1999	105
		Vol. VIII, 2000	101
		Vol. IX, 2006	100
		Total	1016

Composition of Ayurvedic Pharmacopoeia Committee

Composition of Ayurveda Pharmacopoeia Committee holding the office during reporting period was as follows:

1. **Dr. V. K. Joshi** Chairman
B-6, New Medical Enclave Nariya, Banaras Hindu University,
Varanasi-221005

Official Members:

2. **Advisor (Ay.)** Member
Deptt. of AYUSH, AYUSH Bhawan, B- Block, GPO Complex,
INA, New Delhi- 110023

3. **Director** Member
Pharmacopoeial Laboratory for Indian Medicine
Kamla Nehru Nagar, Ghaziabad- 201002

4. **Director General** Member
Central Council for Research in Ayurvedic Sciences (CCRAS) Secretary
61-65, Institutional Area, Opp. 'D' Block, Janakpuri,
New Delhi- 110058

5. **Prof. V. K. Kapoor** Member
1473, Pushpak Complex, Sector-49 B,
Chandigarh- 160047

6. **Dr. Roopak Kumar** Member
Vice President, Multani Pharmaceuticals Ltd. Analytical Division,
Khasra No. 37, Village:- Makkanupur, MehmoodAlam, Pargana-
Bhagwanpur, Tehsil- Roorkee, Distt- Haridwar- 237891

7. **Prof. Karan Vasishth** Member
Former Head,
University Institute of Pharmaceutical Science (UIPS),
Chandigarh – 160014

8. **Ms. S. Satakopan** Member
7/4 Padmam Flats, 7th street Nanaganallur,
Chennai - 600061

- | | | |
|-----|--|--------|
| 9. | Dr. Malati Chauhan
IPGTRA, GAU, Jamnagar,
Gujarat | Member |
| 10. | Dr. JLN Sastry
Head, Dabur Research & Development Center (DRDC), Dabur
India Limited 22, Site IV, Sahibabad (UP) | Member |
| 11. | Dr. K. N. Dviwedi
Head, Deptt. of Dravyaguna, I.M.S., Banaras Hindu University,
Varanasi- 221005 | Member |
| 12. | Dr. S. K. Dixit
B-3/402, Shivala,
Varanasi-221005 | Member |
| 13. | Dr. S.S. Savrikar
Prof. & HOD Rasashstra& Bhaisajya Kalpana
Govt. Ayurvedic College & Hospital (GAC),
Solapur Road, Madhuban, Osmanabad, Maharashtra- 413501 | Member |
| 14. | Dr. C. K. Katiyar
CEO, Technical Emami HCD,
Emami Towers, 5th Floor, 687, Anandapur,
E.M. Bypass, Kolkata – 700107 | Member |
| 15. | Dr. P.M. Variar
Arya Vaidya Sala, Kottakkal,
Malappuram, Kerala-676503 | Member |
| 16. | Dr. Aditya Kaushik
Head – Medical Regulatory Affairs
Glaxo SmithKline Consumer Healthcare Ltd. Plot No. 67,
Sector 32, Gurgaon 122001, Haryana | Member |
| 17. | Dr. Shailesh Nadkarni
Dhootapapeshwar,
135, Nanubai, Desai Road, Khetwadi, Mumbai- 400004 | Member |
| 18. | Sh. J. K. Dhing
Ex-Manager, Hindustan Copper Ltd. Udaipur. SF-8, Gayatri
Nagar, Sec.-5, Hiran Magri, Udaipur, Rajasthan-313002 | Member |

Annexure: III

Composition of Siddha Pharmacopoeia Committee

Composition of Siddha Pharmacopoeia Committee holding the office during the reporting period was as follows:

1. **Dr. G. Veluchami** Chairman
24, Chokkanathar Street, Karthikeyan Nagar,
Maduravoyal, Chennai-600095

Official Members:

2. **Deputy Advisor (Siddha)** Member
Deptt. of AYUSH, AYUSH Bhawan,
B- Block, GPO Complex, INA, New Delhi- 110023
3. **Director** Member
Pharmacopoeial Laboratory for Indian Medicine
Kamla Nehru Nagar, Ghaziabad- 201002
4. **Director General** Member Secretary
Central Council for Research in Siddha (CCRS)
SCRI, Anna Hospital Campus, Arumbakkam,
Chennai-600106
5. **Dr. Sharada Vasanth** Member
Rtd. Research Officer (Chem.),
SCRI, Chennai-600106
6. **Dr. K. Balakrishna** Member
Rtd. Research Officer (Chem.),
SCRI, Chennai-600106
7. **Prof. V. Gopal** Member
Principal
Govt. College of Pharmacy,
Mother Teresa PG Research Institute of Health Sciences,
Puducherry-605006
8. **Dr. Sasikala Ethiraju** Member
Research Officer (Pharmacognosy),
SCRI, Chennai-600106

9. **Dr. P. Jayaraman** Member
(Ret., Prof. of Botany),
Presidency College, Chennai
10. **Dr. (Prof.) I. Sornamariammal** Member
Retd. Joint Director of Indian Medicine,
Chennai
11. **Dr. P. Kumar** Member
Drug License Issuing Authority for ISM,
Anna Hospital Campus,
Arumbakkam, Chennai
12. **Prof. Jayprakash Narayanan** Member
Former Vice- Principal,
Old NO. 55, New No. 70,
Panchaliamman Koil Street Arumbakkam, Chennai-600106
13. **Dr. Kumaravel** Member
No. 25, II Street Ram Nagar,
North Extension Vijayanagar, Velacherry,
Chennai
14. **Dr. V. Kalidass** Member
Proprietor, Raja Siddha Marunthagam,
1/3, Dhermathupatty, Madurai- 625008
15. **Dr. K. Vasanthira** Member
Prof. of Pharmacology,
Stanley Medical College, Chennai
16. **Dr. G. Thiyagarajan** Member
Rtd. Joint Director of ISM,
19/5, Arunachalapuram, Street, Sandopalayam,
Aminjikai, Chennai
17. **Dr. T. Anandan** Member
75, O- block, Ganapathy Colony,
Anna Nagar (E), Chennai

Composition of Unani Pharmacopoeia Committee

Composition of Unani Pharmacopoeia Committee holding the office during the reporting period was as follows:

- | | | |
|----|--|----------|
| 1. | Dr. G. N. Qazi,
Vice Chancellor, Jamia Hamdard University,
Mehrauli Road, New Delhi- 110062 | Chairman |
|----|--|----------|

Official Members:

- | | | |
|----|---|---------------------|
| 2. | Advisor (Unani)
Deptt. of AYUSH, AYUSH Bhawan, B- Block, GPO
Complex, INA, New Delhi- 110023 | Member |
| 3. | Director
Pharmacopoeial Laboratory for Indian Medicine
Kamla Nehru Nagar, Ghaziabad- 201002 | Member |
| 4. | Director General
Central Council for Research in Unani Medicine (CCRUM)
61-65, Institutional Area, Opp. 'D' Block, Janakpuri,
New Delhi- 110058 | Member
Secretary |
| 5. | Dr. Rahul Singh
Head, CQA Healthcare Products,
Emami Group of Companies,
Emami Towers, 5th Floor, 687, Anandapur,
E.M. Bypass, Kolkata – 700107 | Member |
| 6. | Dr. Arshad Khuroo,
Plot GP-5, Sector-18,
Udyog Vihar Industrial Area, Gurgaon-122001 | Member |
| 7. | Prof. Maninder Kaur
UIPS, Punjab University, Chandigarh | Member |
| 8. | Dr. Deepak M (Ph.D. Pharmacognosy)
Sr. Manager, Natural Remedies,
Plot No. 5B, Veersanda Indl. Area,
19th K.M. Stone, Hosur Road, Bangalore- 560100 | Member |

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|-----|---|--------|
| 9. | <p>Prof. Kunwar Mohammad Yusuf Amin
 MBBS, MD (Pharmacology),
 Deptt. of Ilmu Advia, AMU, Aligarh</p> | Member |
| 10. | <p>Dr. Santosh Joshi
 Head R&D, Hamdard Laboratories. B-1/2/3, Industrial
 Area, Meerut Road, Ghaziabad- 201010</p> | Member |
| 11. | <p>Prof. Tajuddin
 Former Dean, Deptt. of Saidla,
 Faculty of Unani Medicine,
 AKTC, AMU, Aligarh.</p> | Member |
| 12. | <p>Prof. M. Idris
 Head, PG Deptt. of Ilmus Saidla,
 A&U Tibbia College,
 Ajmal Khan Road, Karol Bagh, New Delhi. 110005</p> | Member |
| 13. | <p>Dr. Asad Mueed
 Director, Hamdard (Wakf) Laboratories,
 Hamdard Building,
 2A/3 Asaf Ali Road, New Delhi- 110002</p> | Member |
| 14. | <p>Dr. M. U. R Naidu
 Plot No. 176/B 2, House No. 1-241,
 Santh Nagar Co. H. Society, Motinagar, Hyderabad-
 500018</p> | Member |
| 15. | <p>Prof. Zillur Rehman
 Former Dean Faculty of Unani Medicine,
 AMU, Aligarh.</p> | Member |
| 16. | <p>Dr. Absar Ahmad
 Principal Scientist, Biochemical Division,
 National Chemical Laboratory, Dr. Homi Bhabha Road,
 Pune-411008</p> | Member |

Composition of Homoeopathic Pharmacopoeia Committee

Composition of Homoeopathic Pharmacopoeia Committee holding the office during the reporting period* was as follows:

* reconstituted vide notification dated 10th July 2014

1. **Dr. C. Nayak,** Chairman
Ex-Director General, CCRH, New Delhi.
House No. 55-B, Block No. C- 4-D
Janakpuri, New Delhi -110058

Official Members:

2. **Advisor (Homoeopathy)** Member
Deptt. of AYUSH, AYUSH Bhawan,
B- Block, GPO Complex, INA, New Delhi- 110023
3. **Director** Member
Pharmacopoeial Laboratory for Indian Medicine
Kamla Nehru Nagar, Ghaziabad- 201002
4. **Director General** Member
Central Council for Research in Homoeopathy (CCRH)
61-65, Institutional Area, Opp. 'D' Block, Janakpuri,
New Delhi- 110058
Secretary
5. **Dr. B. N. Suhagia,** Member
Dean Faculty of Pharmacy, Dharamsinh Desai University,
Nadiad. Gujarat. 387001
6. **Dr. Dilip Pannakadda,** Member
HOD Department of Pharmacy,
National Institute of Homoeopathy
Block - GE, Sector - III, Salt Lake,
Kolkata- 700 106. West Bengal
7. **Dr. (Mrs.) Shanta Mehrotra,** Member
Ex-Emeritus Scientist, NBRI,
HIG-91, Aliganj Extension, Sector -E,
Lucknow – 226 024

8. **Dr. P. V. Santhosh** Member
Managing Director,
Kerala State Co-operative Homoeopathic Pharmacy,
XII/37 to 39, Mararikulam South,
Pathirappally P.O., Alappuzha - 688 521
9. **Mohd. Faiyaz Alam,** Member
Technical Manager, SBL. Pvt. Ltd. A/3,
Site -4, Indl. Area Sahibabad, U.P.
10. **Dr. Sohan Singh,** Member
Ex-Vice Principal, JSPS Homoeopathic Medical College,
Hyderabad.
House No 8-3-248/B/23/1, Opposite To Times of India, Road No 3,
Journalist Colony, Banjara Hills, Hyderabad – 500034