

HOMOEOPATHIC PHARMACOPOEIA LABORATORY (HPL)
MINISTRY OF AYUSH
ANNUAL REPORT

Organization	Homoeopathic Pharmacopoeia Laboratory	Place	Ghaziabad
Month	01.01.2019 to 31.12.2019	Year	2019

I. Milestone Activities that have a special significance for the development of AYUSH System (JAN 2019 TO DEC 2019)

Testing of Homoeopathic drugs referred by Central or State Govt., Drug Inspectors (legal), Dispensaries (CGHS, MCD, NDMC etc); Samples sent by ADC (Port)

The quality medicine is the prominent factor of healthcare system of every country. The testing of drugs as per the standards supports the promotion, supplying and marketing of quality and genuine drugs in the market which help to promote and build the trust on Homoeopathic System of Medicines in India. Total **372** samples of Homoeopathic drugs has been tested during Jan 2019 to Dec 2019.

Laying down standards of Homoeopathic drugs

Laying down standards for Homoeopathic drugs promote the manufacturing of Quality Medicines in India as per the standards. It also supports the production of uniform drugs among the manufacturer. During Jan 2019 to Dec 2019, Total **11 monographs** covering 6 Botanical origin drugs viz. CUSCUTA REFLEXA, CASSADA, GALINSOGA PARVIFLORA, CICER ARIETINUM, CUPRESSUS LAWSONIANA and RHUS AROMATICA and 5 chemical origin drugs viz. AMMONIM TARTARICUM, BENZIUM DINITRICUM, CALCAREA CALCINATA, CARBONEUM and CARBONEUM CHLORATUM has been completed and submitted to CCRH. The botanical part of 5 drugs viz. AMYGDALUS PERSICA, ACORUS CALAMUS, RHUS GLABRA, CASSIA FISTULA and PIMENTA OFFICIANALIS has been completed and submitted to CCRH.

Survey of Medicinal Plants

The survey and documentation of medicinal plants of different agro-climatic zones of India provides the actual scenario of population density and also conservation status of Medicinal Plants. Plants and samples collected during survey tours are used as a Botanical Reference Standards (BRS) for identification purpose to maintain the quality of raw drugs. During Jan 2019 to Dec 2019, **03** surveys has been conducted viz. Almora forest areas, Narendra Nagar forest areas and Bhilangana vley, Uttarakhand. During the survey some rare and endangered plants has been collected viz. *Aconitum heterophyllum* Wall. ex Royle (Ateesh), *Picrorhiza kurrooa* Royle ex Benth. (Kutaki), *Potentilla fulgens* Wall. ex Hook. f. (Bajrdanti), *Saussurea costus* (Falc.) Lipschitz (Kuth), *Swertia chirayita* (Roxb. ex Fleming) Karsten (Chirayata), *Taxus baccata* L. subsp. *wallichiana* (Zucc.) Pilger (Thuner). Total **204** medicinal plants were collected from the survey tours. Some of the collected samples are also preserved in museum to educate the stakeholders visited HPL.

Capacity Building Training Programme

Capacity Building Training Programme educate the stakeholders about the advance modern techniques used in standardization and testing of Homoeopathic drugs.

1. Organized **01** Capacity Building training program for the Principals/Professors & In-charge Pharmacy during 14-15th November 2019.
2. Student visits were also organised with the motive to educate them and their faculty members about the techniques used in the standardization and testing of drugs. During Jan 2019 to Dec 2019, Total **53 colleges** with **3708 students** of BHMS and **204 faculty members** visited HPL.

Cultivation & maintenance of Medicinal plants for demonstration purposes

Herbal garden of HPL having a huge collection of exotic Medicinal Plants used in the Homoeopathic system of Medicines. During Jan 2019 to Dec 2019, approximate **50 medicinal plants** used in the Homoeopathic System of medicines were cultivated in the herbal garden. Around 3000 nos of stakeholders' viz. students, faculties, training participants, delegates, etc has been visited herbal garden.

Maintenance of Germ Plasm & Seed Bank for scientific study

Laboratory maintain seed bank of Medicinal Plants of exotic origin which are used in the manufacturing of Homoeopathic drugs. Whenever required the seeds and plating materials are supplied to other research institutes for reference purposes. During Jan 2019 to Dec 2019, **seeds of 70 Medicinal Plants** has been maintained in the Seed Bank.

Promotion of Raj Bhasha

Organized Hindi Pakhwada during 5th to 19th September, 2019. During the Pakhwada various activities like Essay Writing, Debate, Talks, etc were conducted to promote the uses of Hindi among the officials of HPL. A special talk by Mr. K C Bhatt, Assistant Director, Raj Bhasha, Ministry of AYUSH was also organized.

Swachha Bharat Mission

1. Organised “Swachhata Hi Seva-2019. Massive Shramdaan has been conducted by the officials to collect the single use plastic waste at the nearby Sanjay Nagar colony and Rayishpur village, Ghaziabad on 2nd October 2019. Officials also aware to the nearby population by way of circulating the brochures and handouts.
2. Organized Swachhata Pakhwada during 16th to 31st October 2019. During Pakhwada the following major initiatives has been performed:
Organised Swachata drive in the premises of office building and outside of the office viz. nearby villages, adjoin park, etc.
Organised demonstration cum training programme on waste management for nearby villagers and students of nearby school on 30th October and also organised Swachta drive to segregate the plastic waste collected from the outside area.

Celebration of International Day of Yoga

Organized Yoga demonstration practice for the officials and staff on the occasion of International Day of YOGA on 21st June 2019.

NEW INITIATIVES

Maintenance of Bio-waste Management System

Maintenance of Bio-waste Management System to sustainably dispose of bio-waste generated by litter fall from the trees plants in the office premises and biowaste generated from the herbal garden of HPL. Two tanks has been managed viz. 1) Vermicopost, 2) Bio-compost.

Organic Farming

An experimental trial of organic cultivation of *Calandula officinalis* has been initiated.

Go-live of Website

To proper reach among the stakeholders, HPL has launched the new website as per GIGW guidelines.

Vigilance Awareness Programme

To create awareness about Rules and Regulations involved in Vigilance issues, 2 senior officials viz. 1) Sh. Emmanuel, Additional SP, CBI and, 2) Sh. Mukesh Kumar, Director, CVC were invited to deliver lectures.

Voter Awareness Workshop

Organized “Voter Awareness Workshop” to educate the officials/staff of HPL pertaining to various topics viz. how to search the voter name in online portal, how to change the address in EPIC card, etc. on 8th April 2019.

II. Administration

1. Manpower

Group of employee	SC	ST	OBC	Others	All	
In Position						
1. Group A	Male	--	--	01	01	02
	Female	--	--	--	--	--
	Total	--	--	01	01	02
2. Group B	Male	--	--	--	01	01
	Female	--	--	--	01	01
	Total	--	--	--	02	02
3. Group C	Male	04	--	03	08	15

	Female	--	--	--	01	01
	Total	04	--	03	09	16
4. Group D	Male	--	--	--	--	--
	Female	--	--	--	--	--
	Total					
Vacancy						
5. Group A		--	--	--	06	06
6. Group B		--	--	--	01	01
7. Group C		01	--	--	10	11
8. Group D		--	--	--	--	--

9. Recruitment	Male	--	--	--	--	--
	Female	--	--	--	--	--
	Total	--	--	--	--	--
10. Retirements		01	--	--	02	03
11. Deputation (Out)		--	--	--	--	--
12. Deputation (In)		--	--	--	01	01
13. Retrenchment / Termination		--	--	--	--	--
14. Administrative Staff Trained		--	--	--	--	--

2. Grievances/Cases

15. Public Grievances	More than 1 Year	Nil				
	Less than 1 year	Nil				
16. Public Grievances Cleared						
17. Pensioner's Grievances	More than 1 Year	Nil				
	Less than 1 year	Nil				
18. Pensioner's Grievances Settled						
19. Employee Grievances	More than 1 Year	Nil				
	Less than 1 year	Nil				
19. Employee Grievances Settled						
21. Vigilance Cases	More than 1 Year	Nil				
	Less than 1 year	Nil				

Provide Necessary additional details on administrative activities here

3. Other administrative issues

Nil

III. Capacity Building

1. Physical Infrastructure Completed -NA-

	Expenditure		Capacity addition	
	(In Rupees)		Quantity	Unit
22. Equipment				
23. Hospital beds				
24. Medicinal Plant Gardens				
25. ICT equipment				
26. Library Resources				

1.	Clinical Research								
2.	Drug Standardization								
3.	Medicinal Plant Research								
4.	Pharmacology Research								
5.	Literary Research								
2. Research Publications -NIL-									
From the Council/Institute									
	Books	Journals	Monographs	Working Papers	Police Briefs	others			
Male									
Female									
From the Staff									
	Books	Books Chapters	Journals articles	Conference papers	Monographs	others			
Male									
Female									
From the Students									
	Books	Books Chapters	Journals articles	Conference papers	Presentations	others			
Male									
Female									
Please attach a summary of the projects, highlighting the objectives, design, duration, result, for inclusion in the archives of the Ministry									
3. Other Research Activities									
Organic Farming									
<ul style="list-style-type: none"> A Pilot of organic cultivation of <i>Calandula officinalis</i> has been initiated. The produce will be evaluated in the term of yielding, percentage of active constituents and efficacy of drugs. 									

V. Technical Activities						
1. Technical Projects						
		Projects Started		Projects Completed (Dec, 2019)		Jan, 20 to March 20
		Number	Output	Number	Output	
1.	Pharmacopeia Activities	Continuous process	--	11 monographs completed in both the aspects (Botanical and Chemical) 5 monographs completed in Botanical aspects	Monographs of 6 Botanical origin drugs viz. CUSCUTA REFLEXA, CASSADA, GALINSOGA PARVIFLORA, CICERARIETINUM, CUPRESSUS LAWSONIANA, RHUS AROMATICA and 5 chemical origin drugs viz. AMMONIM TARTARICUM, BENZIUM DINITRICUM, CALCAREA CALCINATA, CARBONEUM, CARBONEUM CHLORATUM has	Not fixed

					<p>been completed and submitted to CCRH.</p> <p>The botanical part of 5 drugs viz.</p> <p>AMYGDALUS PERSICA, ACORUS CALAMUS, RHUS GLABRA, CASSIA FISTULA and PIMENTA OFFICIANALIS has been completed and submitted to CCRH.</p>	
2.	Drug Sample Analysis	Continuous process	--	372	<p>Tested the samples of Homoeopathic drugs referred by Central or State Govt., Drug Inspectors (legal), Dispensaries (CGHS, MCD, NDMC etc); Samples sent by ADC (Port).</p>	Not fixed
3.	Collection of Medicinal Plants	Continuous process	--	204	<p>Served and collected the medicinal plants from Almora forest areas, Narendra Nagar forest areas and Bhilangana viley, Uttarakhand. During the survey some rare and endangered plants has been collected viz.</p> <p><i>Aconitum heterophyllum</i> Wall. ex Royle (Ateesh), <i>Picrorhiza kurrooa</i> Royle ex Benth. (Kutaki), <i>Potentilla fulgens</i> Wall. ex Hook. f. (Bajrdanti), <i>Saussurea costus</i> (Falc.) Lipschitz (Kuth), <i>Swertia chirayita</i> (Roxb. ex Fleming) Karsten (Chirayata), <i>Taxus baccata</i> L. subsp. <i>wallichiana</i> (Zucc.) Pilger (Thuner).</p>	Not fixed
4.	Cultivation of Medicinal plants	Continuous process	--	50	<p>Approximately 50 Medicinal Plants used in the Homoeopathic System of Medicines are cultivated and maintained in the Herbal garden.</p>	Not fixed

					Seed of 70 Medicinal plants are also maintained in the seed bank of HPL.	
5.	Maintenance of Drug Samples`	Continuous process	--	Aprox. 500 (Herbarium specimens) 1000 (museum samples of medicinal plants)	A small herbarium containing more than 500 specimens and a museum preserving about 1000 samples of medicinal plants are being maintained by HPL for the purpose of standard reference material so as to utilize for verification and comparative studies of standards. During the calendar year January 2019 to December 2019, 146 authentic specimens in museum and herbarium have been added for reference purpose.	Not fixed

Publications -NA-

	New Monographs	Revision of Monographs	Others	
Ayurveda				
Unani				
Siddha				
Homoeopathy				

please attach a summary of the publication for inclusion in the archives of the Ministry

3.Other related technical Activities

VI. Clinical Activities

1. A descriptions of new diagnostic procedures started and their significance
-NA-

2. A description of new treatment procedures started and their significance
-NA-

3. Diagnosis/Treatment **-NA-**

	Admitted		Discharged	
	Male	Female	Male	Female
1.Number of inpatients				
2.Number of outpatients attended				

3. Disease profile inpatient Admissions

	Disease	Number of inpatients		Disease	Number of outpatients	
		Male	Female		Male	Female
1.						
2.						
3.						
4.						

4. Disease profile patients at OPD

5.						
6.						
7.						

VII. Educational Activities

1. Details of new courses of study proposed and approved with affiliation

-NA-

2. Total student participation (for the current month) -NA-

	Course of study (Degree /Diploma etc.)	Current Student Strength at the start of the year		Student Admission		Student Completing the course		Drop outs. If any	
		M	F	M	F	M	F	M	F
1.									
2.									

3. Details of Special achievements from the faculty

-NA-

4. Details of special achievements from the student

-NA-

VIII. Outreach and Publicity

1. Awards

1. Received by the institute

Nil

2. Received by the staff

Nil

3. Presented to outsiders by the organization

Nil

Provide necessary details below

2. Visits

Occasion	Details
1. Visit of Foreign dignitaries to the organization	1) 20 delegates from Nepal visited HPL during the month of February 2019. 2) A Bangladesh delegation had visited HPL on 21 st August 2019. The interactions had been made with them to showcase the activities performed by HPL for Pharmacopoeia Standardization and testing of Homoeopathic Drugs.
2. Other outside Visitor to the organization	Nil
3. Employees of the organization visiting abroad	Nil
4. Officers visiting other places within the country for important events	

3. Development of North East Regions -NA-

State	Activity Description	Expenditure	Outcomes

+ Provide details of each NE State and for Nagaland provide details of East Nagaland separately

4. Tribal Sub Plan -NA-

Activity Description	Expenditure	Outcomes

5. Development plan for scheduled Caste

Activity Description	Expenditure	Outcomes

6. AROGYA Mela / Health camps			
	Activity Description	Expenditure	Outcomes
AROGYA Mela	Participated in 02 AROGYA Mela viz. National AROGYA fair at Vashi, Mumbai during 22-25.08.2019 and International AROGYA 2019 at Banaras Hindi University, Varanasi during 19-22 nd December 2019 to show case the techniques used in the standardization of homoeopathic drugs.	64930.00	Created the awareness among the visitors visited viz. manufactures, college faculties and students of Homeopathic colleges about the techniques and process used for standardization and quality testing of homoeopathic drugs.
Health camps	-	-	-
Exhibitions	-	-	-
Health awareness Camps	-	-	-
Others	-	-	-

7. Swatch Bharat Abhiyan			
	Activity Description	Expenditure	Outcomes
1.	Installation of two water dispensers in the building of HPL.	18996.00	The water dispensers are providing the hygienic environment and pure water to the officials of HPL.
2.	Maintenance of Solid Waste Management plant.	--	The produce of bio-fertilized are utilizing in the herbal garden of HPL
3.	Covering up of the outside canal of HPL premises.	16454.00	Covered canal is reduce the growth of the mosquitos and also check the litter decaying.
4.	Swachhata Hi Seva-2019	--	Massive Shramdaan has been conducted by the officials to collect the single use plastic waste at the nearby Sanjay Nagar colony and Rayishpur village, Ghaziabad on 2 nd October 2019. Officials also aware to the nearby population by way of circulating the brochures and handouts.
5.	Swachhata Pakhwada during 16 th to 31 st October 2019	--	During Pakhwada the Swachata drives were organized in the premises of office building and outside of the office viz. nearby villages, adjoin park, etc. to clean the bareas and to aware the nearby population; demonstration cum training programme on waste management for nearby villagers and students of nearby school was also organized.
6.	Creation of display board depicting the Swachhta related message	24000.00	The display board with Swachhta related message are making aware to the stakeholders visited HPL about the cleanliness and not to use single used plastic.

8. Official Language Promotion			
	Activity Description	Expenditure	Outcomes
	Hindi Pakhwada	14823.00	Organized Hindi Pakhwada during 5 th to 19 th September, 2019. During the Pakhwada various activities like Essay Writing, Debate, Talks, etc were conducted to promote the uses of Hindi among the officials of HPL. A special talk by Mr. K C Bhatt, Assistant Director, Raj Bhasha, Ministry of AYUSH was also organized.
9. Gender Sensitivity			
	Activity Description	Expenditure	Outcomes
10. Empowerment of Divyanganj (persons with Disabilities)			
	Activity Description	Expenditure	Outcomes
1.	Lift with Braille, auditory commands	30,65,000.00	Work is under process through CPWD.
2.	Auditory / visual signage	--	Communicated to CPWD for immediate execution.
3.	Tactile flooring; colour contrasting strips on steps of staircase	--	Communicated to CPWD for immediate execution.
11. Other outreach activities			
	Activity Description	Expenditure	Outcomes
1.	Vigilance Awareness Programme	9043.00	To create awareness about Rules and Regulations involved in Vigilance issues, 2 senior officials viz. 1) Sh. Emmanuel, Additional SP, CBI and, 2) Sh. Mukesh Kumar, Director, CVC were invited to deliver lectures
2.	Voter Awareness Workshop	--	Organized "Voter Awareness Workshop" to educate the officials/staff of HPL pertaining to various topics viz. how to search the voter name in online portal, how to change the address in EPIC card, etc. on 8 th April 2019.
3.	Celebration of International Day of Yoga	7444.00	Organized Yoga demonstration practice for the officials and staff on the occasion of International Day of YOGA on 21 st June 2019.



Celebration of International Day of Yoga



Rally cum Shramdaan to collect the plastic waste during Swachhata Pahwada



Filling the bio-waste in the waste management tank during Swachhata Pahwada



Visit of Bangladesh delegation on 21st August 2019



Participants of Capacity Building Training Programme organised during 14-15th November 2019

इस दस्तावेज़ का हिन्दी अनुवाद किया जा रहा है।