



## **NATIONAL AYUSH MISSION**

### **A REPORT ON MONITORING AND EVALUATION OF IMPORTANT COMPONENTS OF NATIONAL AYUSH MISSION IN HARYANA.**

**(8<sup>th</sup> April- 12<sup>th</sup> April 2019)**

**SUBMITTED TO**



**MINISTRY OF AYUSH  
GOVERNMENT OF INDIA**

**PREPARED BY**

**Shri. Mahavir Singh, Deputy Director**

**Dr. Virendrakumar V. Bhakare, Research Officer (Ayu.)**

**Dr. Himanshu Joshi, Research Officer (Ayu.)**

**Dr. Kavita Tyagi, Sr. Consultant (NAM)**

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This acknowledgement cannot be concluded without expressing appreciation for the hard work put in by the PMU staff of NAM division. Last but not the least, credit goes to all the State Officials, District Ayurveda Officers, Doctors, Pharmacists, Sarpanch, ASHAs/ANMs, Panchayati Raj Department and Beneficiaries who spent their time and responded to the questions with enthusiasm.

**Shri. Mahavir Singh,**  
**Dr. Virendrakumar V. Bhakare,**  
**Dr. Himanshu Joshi,**  
**Dr. Kavita Tyagi**

**Ministry of AYUSH**  
**GOI, New Delhi**

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## EXECUTIVE SUMMARY

### 1. Introduction

Central Monitoring team of Ministry of AYUSH has visited Haryana State to review the physical and financial progress made by the State under Centrally sponsored Scheme of National AYUSH (NAM). The report focuses on the monitoring of facilities and evaluation of impact of the activities under National AYUSH Mission (NAM) which were visited during the field visit in the State Haryana and prepared on the basis of observations made during the Monitoring and Evaluation of the Key components of NAM which are as follows:

- AYUSH Services
- AYUSH Educational Institutions
- Quality Control of ASU & H Drugs
- Medicinal Plants

### Place of Visits:

Haryana is a State in north-central India. The State comprises of 22 Districts. Visiting team selected the facilities for field visit purpose where more than 50% of grant-in-aid has been reported to be utilized by State Government. Sampling was based on the principle that sample area represents the different components of NAM executed in State. The visiting team has selected four Districts Panchkula, Ambala, Kurukshetra and Sirsa. Panchkula being the head office of Director General AYUSH and State Drug Licensing Authority and Sirsa District is located in remote part of State approximately 250 Kms away from Panchkula. Further, Proposed 50 bedded integrated AYUSH hospital is located in Hisar District and Homoeopathic medical college in Ambala District. Therefore, visiting team decided to inspect the actual position of the land for these two major components. Government AYUSH Education Institute, Government Drug Testing Laboratory and Pharmacy of ASU & H drugs are situated in Kurukshetra District, therefore it has been decided to visit Kurukshetra District. Debriefing was scheduled to be held at Panchkula. However due to official reasons it was rescheduled at Sonapat District. Therefore, field visit team also visited one Dispensary and District Hospital at Sonapat as well as two clusters of Medicinal plant component.

### The major Points observed during the field visit are as follows:

#### (A) Administrative set up -

Separate AYUSH Directorate with Director General AYUSH, Director AYUSH, State Drug licensing Authority and State Nodal officer (NAM) are available in the State of Haryana and they are looking after the National AYUSH Mission related components with the support of 5 PMU staff. Year-wise record with respect to National AYUSH Mission is maintained at the office of Director, AYUSH. 22 posts of District Ayurveda Officer are sanctioned in the Haryana State and 16 posts were filled up lying 6 posts vacant. District Ayurveda Officers controls the Public health outreach activities and School health programme. An agency under Panchayati Raj Department is the implementing agency for construction work.

## **(B) Flow of funds:**

The average time taken for transfer of funds from State Govt. treasury to State AYUSH Society is 2-3 months. Director AYUSH, Government of Haryana informed that this is because of delayed State Share release. From State AYUSH Society funds are released to the District Ayurveda Officer. Average time taken for distribution of funds to implementing agency from State AYUSH Society is about 2-3 weeks. Panchayati Raj Department is the implementing agency for the construction work. There is a Good coordination between Panchayati Raj department and District Ayurveda officer on the construction works.

## **(C) Financial Progress**

Under Centrally sponsored Scheme of National AYUSH (NAM), Ministry of AYUSH has approved an amount of Rs. 6265.368 lakhs to the State Government of Haryana accordingly Central share of Rs. 3877.578. from the year 2014-15 to 2018-19. State Government of Haryana has submitted expenditure report of Rs. 2801.07 lakhs. State Government of Haryana has Submitted utilization certificates for an amount of Rs. 1304.709 lakhs till 31<sup>st</sup> March 2019 and same has been liquidated. Rs. 1076.25 lakhs is the unspent balance as on 30/06/2019.

## **Observations - (I) AYUSH SERVICES COMPONENT**

### **(i) Infrastructure:**

#### **(a) Setting up of upto 50 bedded integrated AYUSH Hospitals**

Ministry of AYUSH has approved an amount of Rs. 233.34 lakhs (released Central share of Rs. 140.004 lakhs) for Construction of a 50 bedded integrated AYUSH hospital at Panchkula District from the year 2015-16 to 2017-18. However, State Government has changed the location for setting up of upto 50 bedded integrated AYUSH Hospital from Panchkula to Mayyer village of the Hisar district. It is observed that only land is identified by the State Government in Hisar District. State Government has not submitted the DPR, land record and commitment of creation of Regular posts till date. **Construction work has not been started yet and funds are lying unspent with State AYUSH Society.**

#### **(b) Co-Location of AYUSH Facilities at PHCs/CHCs/DHs and Upgradation of Standalone AYUSH Dispensaries. Funds approved and utilized for Construction work purpose of the visited facilities.**

It was observed that within the period of 1.5 year overall 80-85% of the construction work is completed at visited Co-located AYUSH facilities at PHCs, DHs and AYUSH Dispensaries after the funds were released from Ministry of AYUSH. Most of the visited Co-located facilities were found within habitation. Essential equipment's and instruments were available at these facilities.

### **(ii) Availability of Staff:**

Total no. of 383 AYUSH doctors are working in Haryana State on regular basis. District Ayurveda officer is available in 16 districts. At least 01 regular AYUSH doctor and one regular pharmacist were available at most of the standalone AYUSH Dispensaries of visited Districts. However it was observed that 146 posts of Ayurveda Medical Officer and 97 Posts of Pharmacist/dispensers (Ayurveda, Homoeopathy and Unani) are also lying vacant. AYUSH Doctors are dispensing the medicines to the patients where posts of Dispenser are vacant. One



Programme manager, one Accounts manager, one finance manager, one HMIS manager and one Data entry operator are recruited by State Government for Programme management unit under National AYUSH Mission. Two posts of consultants were vacant. Supporting Manpower like **Pharmacist, Panchakarma therapist** wherever required with AYUSH Doctors at collocated AYUSH facilities and Standalone AYUSH Dispensaries were available in most of the collocated facilities.

**(iii) Availability of Medicines:**

At Standalone AYUSH Dispensaries and Co-located PHCs/CHCs and DHs (visited by team) adequate number and quantity of Ayurveda and Homoeopathic medicines were available. Medicines are procured at State level for Supply of essential drugs to Hospitals and Dispensaries. Further, under Public health Outreach activity component medicines are procured at District level by District Ayurveda Officer.

**(iv) Patients footfall:**

- Average daily OPD was approximately 25-30. Good numbers of patients were taking the benefits of the Panchakarma therapies and Homoeopathic medicines.
- IPD was functional at Shri Krishna Government Ayurveda College Kurukshetra.
- **IPD was not functional at Co-located District Hospitals.**

**(v) Maintenance of Record**

At all the visited facilities OPD registers, medicine stock register etc. were well maintained. Disease-wise number of patients and classification of the patients like old-new, male-female etc. was maintained at AYUSH Dispensaries. *Panchakarma* Procedure registers, *Yoga* OPD register were maintained wherever these facilities available. AYUSH Doctor working at dispensaries sends the monthly analysis report of the patients to the District Ayurveda Officer. The same information conveyed to the AYUSH Directorate by concerned District Ayurveda office.

## **(II) AYUSH Educational Institute Component:**

**(a) Shri Krishna Government Ayurvedic College Kurukshetra**

It was observed that State Govt. has made the expenditure of the funds approved during the year 2014-15 and 2015-16 for furniture & equipments. Further, it was observed that 1789 books have been purchased for an amount of Rs. 8.36938 lakhs and Rs. 10.00 lakhs are lying unspent for purchase of books. It was also observed that Rs. 5.00 lakhs have been spent for furniture purpose and Rs. 4.46052 lakhs have been spent for purchase of equipment which were approved in the year 2016-17. Total sanctioned posts of teaching, non-teaching and hospital staff are 171 out of which 91 posts are filled and 80 posts are lying vacant.

It has also been observed that 88105 patients attended OPD from January 2018 to December 2018, accordingly daily average OPD is 294. The total number of IPD patients for the same period was 1730, accordingly daily average IPD is 17. Average Bed Occupancy is 51.21%. 100 Beds were available in the hospital. **Cleanliness in the Physiology laboratory was not maintained.**

**(b) Govt. Homoeopathic College Manglai Village Ambala (visit at identified land)**

Ministry of AYUSH has approved Rs. 100.00 lakhs during the year 2018-19 for construction work of Homoeopathic Medical College and Hospital at Manglai village of Ambala District. Construction work has not been started yet. Funds are lying unspent with State AYUSH Society. It observed that 11 Acres of land is available at about 1 Kilometer away from Manglai village. State Government of Haryana has not submitted the DPR, land record and Commitment of creation of regular Posts to the Ministry of AYUSH till date.

### **(III) Quality Control of ASU&H Drugs:**

- The Government Ayurvedic State Drug Testing Laboratory (DTL) has separate facility for Pharmacognosy/Botany, Chemistry Section, Drug Sample Store, Ayurveda Section and Administrative room.
- In laboratory most of the required instruments were available
- The manufacturing unit was GMP (State Ayurvedic Pharmacy Kurukshetra) compliant having approval for preparing 27 Classical Ayurvedic Formulations as per the copy of license provided by the State authorities.
- No separate facilities for microbiology section, toxicology section, instrumentation room and animal house were available in Government Ayurvedic State DTL.
- There was no notified Government analyst as per provisions prescribed in Section 33 F of Drugs and Cosmetics Act, 1940, however State Govt. informed that they have applied for notifying Government Analyst.
- No information regarding action taken on failed samples were provided by the State authorities.
- The technical staff mentioned in License viz. Dr. Vidushi Tyagi (Technical Person) and Mr. Ami Lal (Quality Control) was not mentioned in the office order provided by In Charge Pharmacy.
- AMC of the machinery and equipments were not done.
- The Pharmacy is not able to provide 100% supply of medicines as per the demand of the State Government due to lack of heavy duty machines for all the sections.
- It was observed that in the pharmacy only *Triphala* and *Ashwagandha Choorna* are being manufactured.

### **(IV) Medicinal Plant Component:**

- The subsidy was given to the farmers by DBT.
- The *Amla* was cultivated as a inter - crop & boundary with other crop. However, it was approved as a sole crop
- The *Aloe* crop was seen in the field since two years as farmer could not sale due to the non-availability of market.
- It has been observed that there is no coordination between State AYUSH Society and implementing agency of medicinal plant component.
- Planting material was not available.
- The market is very far from the villages; hence the herbal material was damaged due to the non - availability of market near the clusters.
- Local masses are not aware about the Govt. scheme related to the Medicinal plants.

## Conclusion:

1. The average time taken for transfer of funds from State Govt. treasury to State AYUSH Society is 2-3 months & further Average time taken for distribution of funds to implementing agency is about 2-3 weeks. This fund flow procedure needs to be speed up. Also, pending UCs for an amount of Rs. 2572.869 lakhs may be settled in time bound Manner.
2. As out of total number of sanctioned posts of 2667, total no. of 894 posts were vacant. Therefore, steps need to be taken up for filling the vacant post on priority. Further, it is observed that undue delay in filling up of regular post at Shree Krishna Ayurveda College, Kurukshetra will hamper the functioning of teaching hospital. Therefore State Government is also required to fill the total 80 vacant posts of the Teaching staff, non-teaching staff and hospital staff at Shree Krishna Ayurveda College, Kurukshetra.
3. ASHA/ ANM training at PHC level was not completed, therefore steps need to be taken up for completion of the training.
4. Average daily OPD was found to be approximately 25-30. IPD was functional at Shri Krishna Government Ayurveda College Kurukshetra; however, IPD was not functional at Co-located District Hospitals. Therefore IPDs should be made functional at the earliest.
5. The construction work of New Homeopathic Medical College at Manglai village in Ambala District and setting up of upto 50 bedded integrated AYUSH hospital at Hisar has not been started at the time of visit. State Government is required to take up the necessary steps at the earliest.
6. Regular cleanliness issue was a staggering fact that came to the notice during the visit of Shree Krishna Government Ayurveda College & Hospital at Kurukshetra. Therefore it is required to maintain proper & regular cleanliness in the college & Hospital.
7. State has no notified **Government Analyst** and it should be notified urgently.
8. State Govt. has not maintained the records of Testing of Drug Samples. Therefore State Govt. is required to maintain the same properly reflecting year wise details, number of sub-standard samples etc.
9. In the State Government Pharmacy at Kurukshetra, only Choorna Section was functional. Therefore, State Govt. is required to make Government Pharmacy fully functional. Further, State Govt. is required to impart Training to DTL and Pharmacy personnel's for updating them with the knowledge of respective essentials.
10. At present there was no implementing agency for implementation of Medicinal Plants component effectively in the State. Therefore, urgent action from behalf of State Govt. is required to nominate an implementation agency for the same.
11. No Signage boards were available at the Co-located AYUSH facilities. Therefore, Adequate signages of with depiction of National AYUSH Mission may be provided at all collocated facilities including DHs to enhance visibility.

## 1. INTRODUCTION

## 1. Background

Ministry of AYUSH has constituted two Central Monitoring Teams for quality monitoring of mandatory components of National AYUSH Mission. While engaging with the task, Team would identify critical concerns in implementation of Nam activities and also evolve suitable quality parameters to monitor the various components, Specifically, as part of qualitative reports, the terms are required to observe and comment on four broad based areas described as follows;

- AYUSH Services
- AYUSH Educational Institutions
- Quality Control of ASU & H Drugs
- Medicinal Plants

### **Objectives of mandatory components of NAM**

- To provide cost effective AYUSH Services, with a universal access through upgrading AYUSH Hospitals and Dispensaries, co-location of AYUSH facilities at Primary Health Centres (PHCs), Community Health Centres (CHCs) and District Hospitals (DHs).
- To strengthen institutional capacity at the state level through upgrading AYUSH educational institutions, State Govt. ASU&H Pharmacies, Drug Testing Laboratories and ASU & H enforcement mechanism.
- Support cultivation of medicinal plants by adopting Good Agricultural Practices (GAPs) so as to provide sustained supply of quality raw-materials and support certification mechanism for quality standards, Good Agricultural/Collection/Storage Practices.
- Support setting up of clusters through convergence of cultivation, warehousing, value addition and marketing and development of infrastructure for entrepreneurs.

### **1.1 Team composition**

Central monitoring Team of Ministry of AYUSH comprises of Shri. Mahavir Singh (Deputy Director), Dr. Virendrakumar Vilasrao Bhakare (Research Officer, Ayurveda), Dr. Himanshu Joshi (Research Officer, Ayurveda) and Dr. Kavita Tyagi (Sr. Consultant) to review the physical and financial progress of Haryana State under Centrally Sponsored Scheme of National AYUSH Mission (NAM).

### **1.2. Objectives of the Field Visit**

The Field visit aims to assess the out reaching of National AYUSH Mission activities to public at large and to the underprivileged section of population in particular. This field visit also qualifies for quality monitoring of activities under National AYUSH Mission and to facilitate the State for the better outcome. This will be helpful to strengthen the implementation of National AYUSH Mission activities at the District and below District level. The main objectives of the field visit was to monitor the availability of infrastructure, availability of equipments, drugs, functioning of service delivery quality parameter of facilities, progress under NAM activities etc.

### **1.3. State Profile: Haryana**

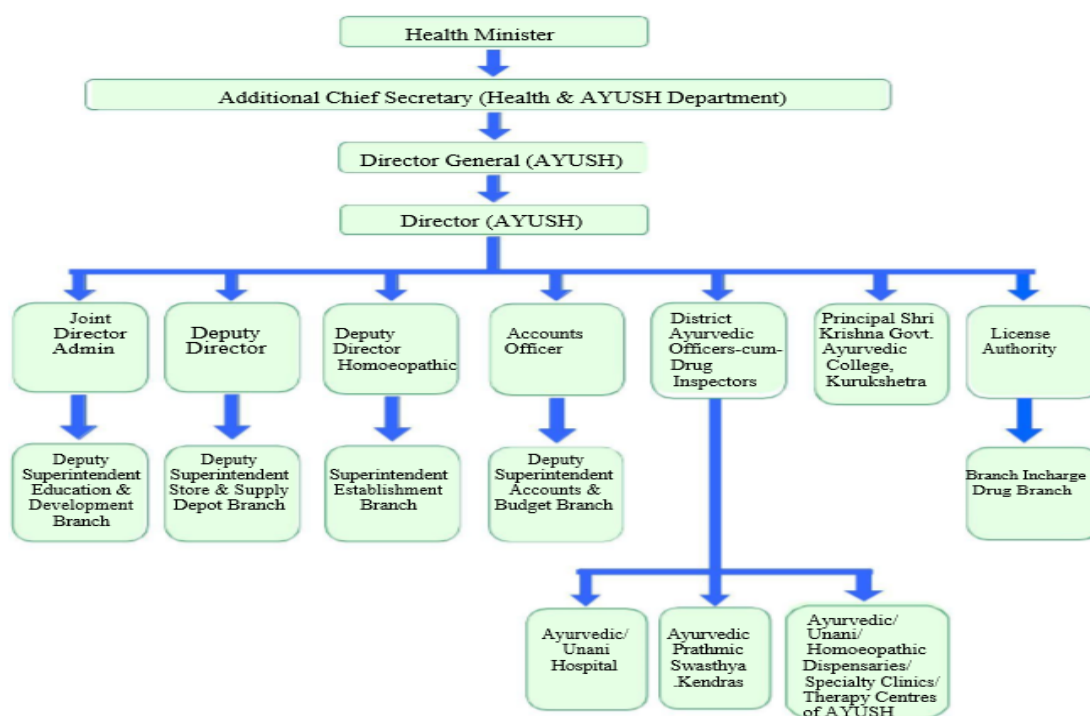
Haryana is one of the 28 States in India, located in northern part of the country. It was carved out of the former state of East Punjab on 1 November 1966 on linguistic as well as on cultural basis. It is ranked 22nd in terms of area with less than 1.4% (44,212 km<sup>2</sup> (17,070 sq mi)) of India's land area. Chandigarh is the state capital. Haryana has 6 administrative divisions, 22 districts, 72 sub-divisions, and 93 tehsils.

Rich in history, monuments, heritage, flora and fauna, human resources and tourism with well-developed economy, national highways and state roads, it is bordered by Himachal Pradesh to the north-east, by river Yamuna along its eastern border with Uttar Pradesh, by Rajasthan to the west and south, and Ghaggar-Hakra River flows along its northern border with Punjab. Since Haryana surrounds the country's capital Delhi on three sides (north, west and south), consequently a large area of Haryana is included in the economically-important National Capital Region for the purposes of planning and development. Haryana has the seventh highest ranking among Indian states in human development index.

#### 1.4. Administrative set up

Separate AYUSH Directorate with Director General AYUSH, Director AYUSH, State Drug licensing Authority and State Nodal officer (NAM) are available in the State of Haryana and they are looking after the National AYUSH Mission related components with the support of 5 PMU staff. Year-wise record with respect to National AYUSH Mission is maintained at the office of Director General, AYUSH. District Ayurveda Officer is available in all the 22 Districts of Haryana State and they are conducting the Public Health outreach activities and School health programme. Panchayati Raj is the implementing agency for construction work.

**Department of AYUSH, Haryana**  
**Organizational Set-up Chart**



**Table 1: PMU Staff under National AYUSH Mission in Haryana:**

Sr.No.	Name of Post	Sanctioned	Filled	Vacant
1	Programme Manager	1	1	0
2	Consultant	2	0	2
3	HMIS Manager	1	1	0
4	Finance Manager	1	1	0
5	Accounts Manager	1	1	0
6	Data Entry Operator	1	1	0

**Table 2: Staff Position Report of AYUSH Department Haryana (Field Level)**

Sr. No.	Name of post	Sanctioned	Filled	Vacant
1	District Ayurvedic Officer	22	16	6
2	Medical Superintendent	01	0	01
3	Deputy Medical Superintendent	01	0	01
4	Ayurvedic Medical Officer	509	363	146
5	Ayurvedic Medical Officer (P.G. Panchkarma)	1	1	0
6	Physician (Ay)	3	1	2
7	Resident Physician (Ay)	1	0	1
8	Unani Medical Officer	19	11	8
9	Unani Physician	1	0	1
10	Homoeopathic Medical Officer	23	7	16
11	Dispenser (Ay)	510	420	90
12	Dispenser (U)	20	17	3
13	Dispenser (H)	22	18	4
14	Trained Dai	465	109	356
15	Accupressurist	1	0	1
16	Therapist	5	5	0
17	A.N.M.	6	0	6
18	Nurse	6	0	6
19	Assistant	22	19	3
20	Clerk	30	17	13
21	Driver	4	0	4
22	Peon	28	26	02
23	Sweeper	21	8	13
24	Sweeper-cum-chowkidar	6	3	3
25	Chowkidar	6	3	3
26	Dhobi	1	0	1
27	Water Carrier	2	1	1
28	Ward Attendant	11	6	5

29	MPHW	1	0	1
30	Accupressurist (Contractual)	1	0	1
31	Panchkarma Physician(Contractual)	1	0	1
32	Panchkarma Attendant (Male) (Contractual)	1	0	1
33	Panchkarma Attendant (Female) (Contractual)	1	0	1
34	Ayurvedic Medical Officer(Contractual)	1	0	1
35	Dispenser Ayurvedic(Contractual)	1	0	1
36	Kitchen Assistant(Contractual)	1	0	1
37	Sweeper(Contractual)	1	0	1
38	Sweden Attendant (Male) (Contractual)	1	0	1
39	Sweden Attendant (Female) (Contractual)	1	0	1
40	Part Time Water Carrier	453	364	89
41	Part Time Sweeper	456	358	98
	<b>Total</b>	<b>2667</b>	<b>1773</b>	<b>894</b>

**Table 3: Staff position under Mainstreaming of AYUSH / National Health Mission (NHM)**

Sr. No.	Name of Post	No. of Sanctioned Post	Filled	Vacant
1.(i)	Panchkarma Specialist	22	18	4
(ii)	Homoeopathic Specialist	21	19	2
(iii)	Ayurved Medical Officer	73	70	3
(iv)	Yoga Specialist	21	17	3
(v)	Unani Medical Officer	4	4	0
(vi)	Homoeopathy Medical Officer	116	112	4
(vii)	Dietician	1	0	1
	<b>Total Doctors</b>	<b>258</b>	<b>240</b>	<b>18</b>
2.	Paramedics	208	175	33
3.	Others	80	64	16

## 1.5. Flow of funds

The average time taken for transfer of funds from State Govt. treasury to State AYUSH Society is 2-3 months. Director AYUSH, Government of Haryana informed that this is because of delayed State Share release From State AYUSH Society funds are released to the District Ayurveda Officer. Average time taken for distribution of funds to implementing agency from State AYUSH Society is about 2-3 weeks. Panchayati Raj is the implementing agency for the construction work. Good coordination between Panchayati Raj Department and District Ayurveda officer the construction works.

## 2. Financial Progress



**Table 4: Status of Grants-in-aid provided from Ministry of AYUSH to State of Haryana, Expenditure reported and UCs submitted by the State Govt. of Haryana.**

Rs. in lakhs							
Sr. No.	Year	Amount approved by Mission Directorate (As on 31-03-2019)	Amount released by Ministry of AYUSH ( Central Share- (As on 31-03-2019)		Expenditure reported by State Govt. of Haryana (As on 31-03-2019)	UCs submitted By State Govt. Of Haryana (As on 31-03-2019)	Unspent balance (As on 31-03-2019)
		A	B		C	D	(C-B)
1	2014-15	817.075	2014-15	213.588	606.225+ 6.58 (DD refund)	606.225	0.00
			2015-16	399.218			
			Total	612.806			
2	2015-16	901.994	2015-16	180.573	467.123+ 72.63 (DD Refund)	256.360	1.439
			2016-17	360.619			
			Total	541.192			
3	2016-17	1122.961	673.777		603.888	278.902	69.889
4	2017-18	1414.07	848.442		635.508	163.220	212.934
5	2018-19	2002.268	1201.361		409.116	0.00	792.245
Total		6258.368	3877.578		2801.07	1304.709	1076.507
Grand Total B (3877.578 )= Grand total (C+ E) i.e 2801.709+ 1076.507							

### 3. Selection Criteria for field visit:

- Haryana is a State in north-central India. It is bounded on the northwest by the state of Punjab and the union territory of Chandigarh, on the north and northeast by the states of Himachal Pradesh and Uttarakhand, on the east by the state of Uttar Pradesh and the union territory of Delhi, and on the south and southwest by the state of Rajasthan. The city of Chandigarh, within the Chandigarh union territory, serves as the capital of not only that territory but also of the states of Haryana and Punjab. Area of the Haryana State is about 44,212 square km. and population is 25,353,081 (Census 2011). The State comprise of 22 Districts.
- Visiting team selected the facilities for field visit purpose where more than 50% of grant-in-aid has been reported to be utilized by State Government.
- The visiting team has selected four Districts Panchkula, Ambala, Kurukshetra and Sirsa. Panchkula being the head office of Director General AYUSH and State Drug Licensing Authority. Sirsa District is located in remote part of State approximately 250 Kms away from Panchkula. Proposed 50 bedded integrated AYUSH hospital in Hisar District and Homoeopathic medical college in Ambala District. Therefore, visiting team decided to inspect the actual position of the land for these two major components.



- Government AYUSH Education Institute, Government Drug Testing Laboratory and Pharmacy of ASU & H drugs are situated in Kurukshetra District, therefore it has been decided to visit Kurukshetra District also.
- Debriefing was scheduled to be held at Panchkula. However due to official reasons it was rescheduled at Sonipat District. Therefore, field visit team also visited one Dispensary and District Hospital at Sonipat as well as two cluster of medicinal plant component.

#### **4. Briefing with Director AYUSH and State Licensing Authority**

At the outset, the monitoring team met with Dr. Satpal Behmani, Director AYUSH and Dr. Satish Khatkar, State Drug Licensing Authority and Dr. Ghulam Nasir, State AYUSH Coordinator, Government of Haryana. Introduction was made of each officials and monitoring team members. Team leader Mr. Mahavir Singh, Deputy Director, Ministry of AYUSH has informed to the State Officials and PMU Staff (Mr. Vinit Garg, Programme Manager, Sh. Sahil Narang, Finance Manager, Sh. Yogeshwar, HIMS manager, Sh. Dinesh Dang, Account Manager and Pooja Hudda Data Entry Operator) that objective of field visit is to monitor physical and financial activities undertaken by the State Government of Haryana under National AYUSH Mission (NAM) and also facilitate the State to solve the bottlenecks. Further, brief discussion was held in respect of the components/facilities that the monitoring team wanted to visit. Brief discussion over physical and financial progress under NAM in Haryana was done by the field visit team. The visiting team appraised the Director AYUSH, State Drug Licensing Authority and PMU Staff of Haryana about the various activities which are being conducted in Haryana for AYUSH integration under NAM. Governing body minutes are collected from AYUSH Directorate Office Team has suggested to State officials regarding the identification of implementing agency for implementation of Medicinal Plants component in the State. Team has also suggested that the State AYUSH Society may coordinate with the other implementing agency for betterment of NAM scheme.

## 5. Key findings and Observations of the facilities visited by team in state of Haryana

### I) AYUSH Services Component.

#### i) Upgradation of Government AYUSH Dispensary at Panchkula sector 9

Ministry of AYUSH has approved Rs. 5.0 lakhs for medicines and Rs. 1.5 lakhs for contingency for Upgradation of the Government Dispensary at Panchkula sector 9 from 2014-15 till date. It was observed that Panchakarma treatment procedures like *Vaman*, *Virechan*, *Basti*, *Nasya*, *Jalaukavacharan* etc. are carried out on day care basis and daily average OPD was 65. Adequate number of Ayurvedic and Homoeopathic medicines available which were procured from IMPCL and Goa antibiotics respectively. OPD registers, panchakarma procedure record with receipt and feedback from the patients are well maintained. Disease wise number of patient's record was also maintained. Dispensary was in a good hygienic condition. 03 Ayurveda & 01 Homoeopathic Doctor and one Pharmacist were available on regular basis. Further, 01 Homoeopathic Pharmacist along with 10 Panchakarma therapist and 06 supporting staff are available on contractual basis. Dr. Dilip Mishra, BAMS is District Medical Officer (Ayu.) and he is also the member of the District Health Society, Panchkula. On interaction with him he said that more supply of medicines is required for the skin diseases, *Udar*, constipation, hypertension etc. Feedback from the patients was obtained which mentions the good behaviour of the Doctor and supporting staff.



1. Upgradation of Government AYUSH Dispensary at Panchkula, Sector 9



**2 & 3- Upgradation of Government AYUSH Dispensary at Panchkula, Sector 9**

## **ii) Colocation of AYUSH facilities at District Hospital at Panchkula Sector 6**

Ministry of AYUSH has approved Rs. 1.5 lakhs for medicines and Rs. 0.4449 lakhs for contingency for Upgradation of the Government Dispensary at Panchkula sector 9 from 2014-15 till date. It was observed that Existing AYUSH Wing in the District Hospital is being utilized for the AYUSH system of Medicine. One regular AYUSH Doctor, 4 AYUSH doctors on contract basis under NHM, 2 Pharmacists (1 for Ayurveda and one for Homoeopathy), 4panchakarma therapist, 3 attendants along with 8 supporting staff were available in the Hospital. Regular AYUSH Doctor has undergone the Training for mainstreaming of AYUSH. There were 2 Panchakarma therapy rooms for male patients and 2 for the female patients. Agnikarma facility was also available at this hospital. Panchakarma treatment procedures like *Vaman*, *Virechan*, *Basti*, *Nasya*, *Jalaukavacharan*, *Akshitarpan* etc. are carried out on day care basis. Daily average OPD is 14. It was also observed that AYUSH Doctors are involved in the School Health Programme and Immunization Programmes. Panchakarma Therapies reporting proformas were well maintained. Adequate Ayurvedic and Homoeopathic medicines were available which were procured from IMPCL and Goa antibiotics respectively. OPD registers, panchakarma procedure record with receipt and feedback from the patients are well maintained. Disease wise number of patient's record is also maintained. Online maintenance of record of patients and e-Upchaar system for referral of patients from Allopathy to AYUSH is available. Patients of tonsillitis, Eczema, Oral ulcer and infertility are treated successfully through Ayurveda and homoeopathic medicines. There is cooperation from Allopathy doctors. Laptops were provided to the Homoeopathic Medical officers under NHM.



**4. Co-location of AYUSH facilities at District Hospital at Panchkula Sector 6**



### iii. Upgradation of Government AYUSH Dispensary at Natwal, District Panchkula.

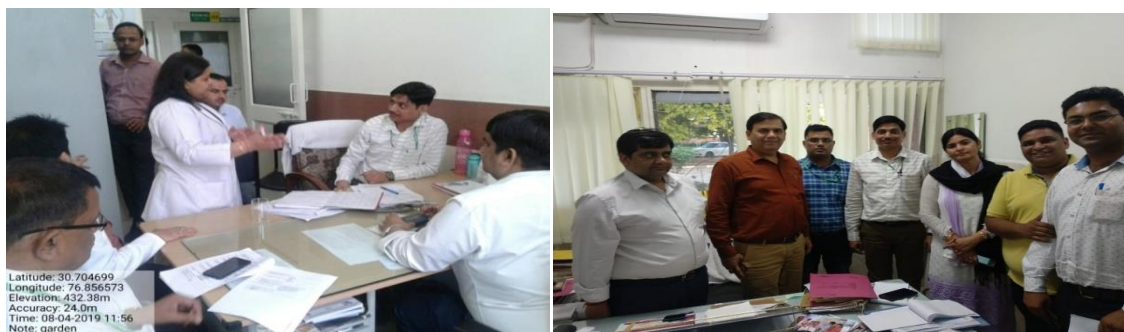
Ministry of AYUSH has approved Rs. 9.2 lakhs for constructions in the year 2014-15 and Rs. 1.5 lakhs for medicines & Rs. 0.4449 lakhs for contingency for upgradation of the Government Dispensary at Natwal from 2014-15 till date under NAM. It was observed that rooms were constructed from the funds received under NAM. However, OPD is running in old Dispensary (Grampanchayat) building which is approximately one kilometre away from the newly constructed area. 01 AYUSH Doctor and 01 AYUSH Pharmacist is available on regular basis and one sweeper is recruited on contract basis. It is observed that newly constructed two rooms are not in use for OPD purpose. Govt. of Haryana has made an expenditure of Rs. 9.20 lakhs of non- recurring assistance provided. Ayurveda Medicines were available in the Dispensary. Running OPD was found unhygienic condition. OPD register, medicine stock register etc. were well maintained. Daily average OPD was 20.



### 5 & 6- Upgradation of Government AYUSH Dispensary at Natwal, District Panchkula

### iv. Yoga wellness centre at Panchkula District

Ministry of AYUSH has approved Rs. 21.60 lakhs @ Rs. 0.60 lakhs per unit as recurring assistance for Yoga wellness Centres in 22 districts. District Ayurveda Officer has purchased the Yoga mats and 230 meters long Green- Patti at each unit and accordingly the expenditure of Rs. 0.60 lakhs per unit has been done. Further, during the year 2015-16 Rs. 50.00 lakhs were approved for Yoga wellness centres including Yoga & naturopathy @ Rs. 5.00 lakhs per unit for 10 Centres. However, State Govt. has refunded that amount to the Ministry of AYUSH. **Therefore at present Yoga wellness Centres are not functional.**



**7 & 8 - Interaction with District Medical Officer (Ayu.) regarding School Health Programme, Yoga Wellness centre and Public Health Outreach activities.**

#### **v. School Health Programme- Panchkula District**

Ministry of AYUSH has approved an amount of Rs. 1.0 lakhs each in the year 2015-16 and 2016-17 for School health Programme in Panchkula District. It is observed that State Govt. has made expenditure of whole approved amount for this activity. Files of School Health Programme, Public health outreach activity were maintained in the office District Ayurveda Officer. AYUSH Doctors from the nearest dispensary visits the Schools once or twice in a month. Register was also maintained in the respective school. Health check-up camps and lectures on Dincharya, Ritucharya, cleanliness, healthy diet etc. were organized by respective Medical officer in the nearest AYUSH Dispensary under the supervision of District Ayurveda officer.

#### **vi. Public Health Outreach Activity in Panchkula District**

Ministry of AYUSH has approved an amount of Rs. 8.625 lakhs for Public health outreach activities in Panchkula District including ASHA/ ANM Training. It observed that District Ayurveda Officer has conducted the activities like AYUSH Jhanki on Republic day, Health check-up camps on the occasion of *Basnatpanchami*, distribution of AYUSH pamphlets, AYUSH OPDs, Counselling on Anaemia control programme, Prevention & cure treatment for mother and child healthcare, live presentations of Panchakarma therapies like *Shirodhara*, prevention and cure by local herbs and home remedies, geriatric care, live presentation of *Yoga*-meditation & *Pranayama*. Further, activities like Celebration of Ayurveda day, Homoeopathy day and Unani day were also conducted under this component. Medicines were purchased by the District Medical Officer through District procurement committee. It was observed that an amount of Rs. 39923/- is lying unspent against the year 2016-17 and whole amount released in the year 2018-19 is also lying unspent. District Ayurveda Officer said that due to these activities, awareness in people is increased towards Ayurveda, Homoeopathy and Unani systems of Medicine.

**Table 5: Detail of ASHA / ANM Training (Public Health Outreach Activity in Panchkula District)**

ASHA / ANM Training Details						
State: Haryana			Total No. of ASHAs/ ANMs Trained	Date of Training	Funds approved under NAM for training (Central + State)	Total Amount Utilized (Amt. in Rs.)
Sl. No	ASHA/ ANM Training	Location				
1	State Level Training of Trainers	Panchkula	90 Doctors	16-Jan, 2018 to 25-Jan-2018	19,200,000	320,353
2	District Level	All Districts	ASHA-7065 ANM-1606 Total-8671	Feb,2018-March,2018		13,147,897
3	Primary Health Centre (PHC) Level	---	---	---	---	---
<b>Total</b>						<b>13,468,250</b>

**vii. Upgradation of Government Ayurvedic Dispensary Bara Gada, District Ambala**

The Dispensary building was already constructed by the Gram-panchayat and renovation was done from the funds received through NAM. Ministry of AYUSH has approved Rs. 2.91 Lakhs for addition/alteration in the year 2014-15 and Rs. 1.5 lakhs for medicines & Rs. 0.5449 lakhs for contingency to Government Dispensary at Bara-Gara from 2014-15 till date under NAM. It was observed that washroom having approximately 30 square feet area is constructed from the funds received under NAM. Further, colouring and boundary wall construction was also done. 01 Regular AYUSH Doctor and 01 Pharmacist as well as 02 contractual supporting staff were available in the dispensary. Records of stock position of medicine, daily balance, disease-wise record of patients, dispatch and panchakarma registers were well maintained. Ayurveda Doctor namely Dr. Samidha Sharma had taken the Kerala Speciality treatment training and 01 month training programme of Panchakarma based on Tradition. Govt. of Haryana has made an expenditure of Rs. 2.91 lakhs of non- recurring assistance. 40 Ayurveda Medicines were available in the Dispensary including 7-8 patent medicines. Daily average OPD is 17 only. 98-100%. Annual average consumption of Medicine was observed.



**9. Government Ayurvedic Dispensary Bara Gada**

#### **viii. School Health Programme at Bara Gada Village, District Ambala**

Ministry of AYUSH has approved an amount of Rs. 1.0 lakhs each in the year 2015-16 and 2016-17 for School health Programme in Ambala District. It was observed that State Govt. has made the expenditure whole amount. Files of School Health programme, Public health outreach activity are maintained in the office of District Ayurveda Officer. AYUSH Doctors from the Bara-Gada dispensary visits the School once or twice in a month. Visit Register is also maintained in the respective school. Health check-up camps and lectures on *Dincharya*, *Ritucharya*, cleanliness, healthy Diet etc. are organized by Medical Officer under the supervision of District Ayurveda officer.



**10. Visit to School at Bara Gada village**

#### **ix. Co-located AYUSH facility at (Ayurveda) at PHC- Panjokhra, District Ambala**



Panjokhra town is about 10 km away from Ambala city. Ministry of AYUSH has approved Rs. 3.3 lakhs for medicines & Rs. 0.95 lakhs for contingency for Co-location of AYUSH facility at (Ayurveda) at PHC- Panjokhra from 2014-15 till date under NAM. One Contractual AYUSH Doctor & one Pharmacist were available. AYUSH Doctor is member of Swathya Kalyan Society and also involved in Mobile Medical unit. Registration of patient is done by pharmacist. Disease - wise register of patient, *Rogivishleshan register*, stock and contingency records are along with separate Geriatric register is also maintained. 29 Ayurvedic medicines were available. Average daily OPD was 25. **AYUSH Doctor raised the issue if supporting staff and said that one helper is required.** It was observed that amount released for medicine and contingency has been spent by state Govt. from the year 2014-15 to 2017-18.

#### **x. Co-located AYUSH facility (Ayurveda) at CHC- Shahabad, District Kurukshetra**

Shahabad-Markanda is about 20 km away from Kurukshetra. Ministry of AYUSH has approved Rs. 22.5 lakhs for constructions in the year 2018-19 and Rs. 4.0 lakhs for medicines & Rs. 1.25 lakhs for contingency for Co-location of AYUSH facility (Ayurveda) at CHC- Shahabad from 2014-15 till date under NAM. Two rooms & one toilet was allotted for AYUSH system of medicine in CHC. One Contractual AYUSH doctor and pharmacist were available in the CHC. AYUSH Doctor is involved in pulse Polio and MMR vaccination programs. Adequate no. of Homeopathic medicines were available. Vacant land is available in the premises of CHC for co-location. DPR is not prepared by Panchayati Raj Department till date. 14004 patients attended the OPD from April 2018 to March 2019. Accordingly, average daily OPD is 47.



#### **11. Co-located AYUSH facility (Ayurveda) at CHC- Shahabad, District Kurukshetra**



#### xi. Upgradation of Government Ayurvedic Dispensary, Kharkali, District Kurukshetra

Ministry of AYUSH has approved Rs. 2.0 lakhs for constructions in the year 2014-15 and Rs. 1.0 lakhs for medicines & Rs. 0.35 lakhs for contingency for Upgradation of the Government Dispensary at Kharkali from 2014-15 till date under NAM. It was observed that repairing and renovation of the building has been done from the funds received under NAM. 01 regular AYUSH Doctor and 01 Pharmacist and 02 part time supporting staff were available. 86 Ayurvedic medicines were available. 4914 no. of patients attended the OPD from April 2018 to March 2019. Accordingly, average daily OPD is 16. Medicine dispensing register, stock register and OPD register is well maintained. It is observed that Govt. of Haryana utilized Rs. 1.97243 lakhs out of non- recurring assistance of Rs. 2.0 lakhs provided to this dispensary. UCs of central share has been submitted and Rs. 2757/- are lying unspent. Ayurveda Medicines were available in the Dispensary. **The dispensary where OPD was running found to be in a very unhygienic condition.** OPD register, medicine stock register etc. were well maintained. Daily average OPD is 20. Patients referred for *Uttarbasti* and *panchakarma* treatment at polyclinic, Kurukshetra Sector-4.



#### 12. Upgradation of Government Ayurvedic Dispensary, Kharkali, District Kurukshetra

#### xii. Homoeopathic day Programme under Public Health Outreach activity at Polyclinic, Kurukshetra.

State of Haryana celebrated world homoeopathic day under public health outreach activity programme on 10<sup>th</sup> April, 2019. Monitoring team visited the Polyclinic in Kurukshetra District for world Homoeopathic Day Programme. It was observed that under this programme a health check-up camp arranged. Till 3.00 pm about 157 patients have attended the camp. Blood Pressure and blood sugar check-up of patients has been carried out free of cost and Homoeopathic medicines were distributed to the beneficiaries. Field visit members interacted with the gathered people about National AYUSH Mission. At the polyclinic allopathic, Ayurvedic and Homoeopathic facilities were available.



**13. Visit at Polyclinic, Kurukshetra regarding Homoeopathic day Programme.**

### **xiii. Upgradation of Government Ayurvedic Dispensary, Vedwala**

Ministry of AYUSH has approved Rs. 14.18 lakhs for constructions in the year 2016-17 and Rs. 1.50 lakhs for medicines & Rs. 0.5449 lakhs for contingency for upgradation of the Government Dispensary at Vedwala from 2014-15 till date under NAM. Approximately 800 square feet construction work has been done from the funds received through NAM. 02 patients of infertility have been treated with the Ayurvedic medicines. 01 regular AYUSH Doctor and 01 Pharmacist and 02 part time supporting staff were available. 34 Ayurvedic medicines were available. Average daily OPD is 21. Condition of the facility is very good however, it is noticed that Panchkarma room was small in area. Ayurveda Doctor is involved in the National Nutrition programme.

It is observed that Govt. of Haryana has made an expenditure of Rs. 13.4393 lakhs out of non- recurring assistance of Rs. 14.18 lakhs provided to this dispensary lying unspent balance of Rs. 74070. Construction work is completed on 23.02.2018. Field visit team interacted with the Sarpanch, ASHA & ANM worker and feedback was obtained from them. Ayurveda Medicines were available in the Dispensary. Medicine dispensing register, stock register and OPD register is well maintained.



**14. Upgradation of Government Ayurvedic Dispensary, Vedwala**



15. After interaction with AYUSH Doctor, Sarpanch, ASHA & ANM at GAD Vedwala

#### xiv. Up gradation of Government Ayurved dispensary Mithi Sureran

Ministry of AYUSH has approved Rs. 2.0 lakhs for constructions in the year 2014-15 and Rs. 1.50 lakhs for medicines & Rs. 0.4449 lakhs for contingency for upgradation of the Government Dispensary at Mithi Sureran from 2014-15 till date under NAM. District Ayurveda Officer informed that repair and renovation of the roof & entrance area and flooring of toilet has been done with the non-recurring assistance provided under NAM. *Agnikarma* and Cupping facilities were available in the dispensary. Albumin and sugar strips were available for regular ANC check up. 01 regular AYUSH Doctor and 02 part time supporting staff were available. 57 Ayurvedic medicines were available. 5196 patients attended the OPD from April 2018 to March 2019. Average daily OPD is 17. Medicine dispensing register, stock register and OPD register were well maintained. It is observed that State Government has made the expenditure of non-recurring assistance. **AYUSH Doctor working in the dispensary said that financial assistance is required for the one labour room including equipments & instruments and Washroom.**



16. Up gradation of Government Ayurved dispensary Mithi Sureran





**17. Up gradation of Government Ayurved dispensary Mithi Sureran**

**xv. Co-located AYUSH facility (Ayurveda + Homoeopathy+Yoga) at District hospital Sirsa.**

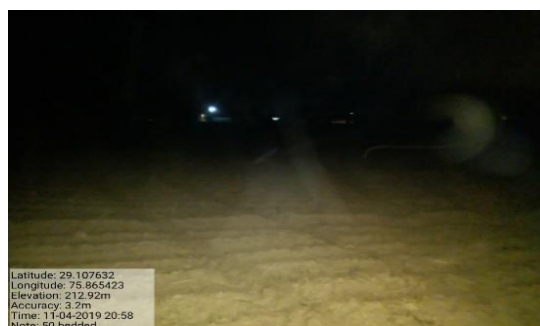
Ministry of AYUSH has approved Rs. 19.22 lakhs for constructions in the year 2014-15 and Rs. 5.0 lakhs for medicines & Rs. 1.5 lakhs for contingency for Co-location of AYUSH facility (Ayurveda) at DH- Sirsa from 2014-15 till date under NAM. It is observed that Govt. of Haryana has made an expenditure of Rs. 16.7228 lakhs out of non- recurring assistance of Rs. 19.22 lakhs provided to this facility. UCs of central share has been liquidated and Rs. 2.4972 lakhs are lying unspent. It is observed that New AYUSH wing has been constructed for Homoeopathy and Yoga facilities. Panchayati Raj is the implementing agency. It is observed that Panchakarma therapy rooms for male and female, one yoga hall of approximately 280 square feet and one *Ksharasutra* room, dispensing room is available along with adequate waiting space for the patients. 01 regular Ayurveda doctor along with contractual Homoeopathy doctor, 01 *Yoga* specialist, 01 Homoeopathy pharmacist, 2 *Panchakarma* assistants were available. 47 Ayurvedic & 150 Homoeopathic medicines, equipments and instruments for *Panchakarma* and *Ksharsutra* were available. Daily average OPD of Homoeopathy was 46 and that of *Yoga* is 15. *Panchakarma* Procedure register and OPD Registers of Ayurveda, *Yoga* & homoeopathy are well maintained.



**18 & 19 Co-located AYUSH facility (Ayurveda + Homoeopathy +Yoga) at District Hospital Sirsa.**

## xvi. Setting up of upto 50 bedded integrated AYUSH Hospital at Mayyer village, Hisar District (visit at identified land)

Ministry of AYUSH has approved an amount of Rs. 233.34 lakhs (Central share of Rs. 140.004 lakhs) for Construction of 50 bedded integrated AYUSH hospital at Panchkula District from the year 2015-16 to 2017-18. However, State Government has changed the location of setting up of upto 50 bedded integrated AYUSH Hospital from Panchakula to Mayyer village of the Hisar district. It is observed that only land is identified by the State Government in Mayyer village of Hisar district. Land is available in the locality. State Government has not submitted the DPR and commitment of creation of Regular posts till date. Construction work has not been started yet and funds are lying unspent.



20 & 21. Visit to Land for proposed 50 bedded integrated AYUSH hospital at Hisar district

## xvii. Co-location of AYUSH facility at CHC Gannaur, District Sonipat

Gannaur is about 25 Kms. Away from Sonipat. Ministry of AYUSH has approved Rs. 4.00 lakhs for medicines & Rs. 1.25 lakhs for contingency for Co-location of AYUSH facility (Ayurveda) at CHC Gannaur from 2014-15 till date under NAM. Total 04 Rooms constructed through the funds provided under Erstwhile Centrally Sponsored Scheme of Hospital & Dispensaries. 01 regular Ayurveda Doctor and 01 regular Homoeopathy Doctor is available for co-located facility. Out of the 04 rooms only two rooms are being utilized for the AYUSH services and remaining two rooms are allotted to the Community health centre for Malaria Control Programme and RBSK. **Ayurveda and Homoeopathy Doctors are dispensing the Medicines.** 9847 patients have attended the Ayurveda OPD & 22226 patients have attended the Homoeopathic OPD from April 2018 to January 2019. Accordingly, daily Average OPD is 107. OPD registers and Disease-wise reporting proformas have been maintained by the AYUSH Doctors. **AYUSH Doctors informed that there is a need of one additional Homeopathic Doctor, 2 pharmacists (01 Ayurveda and 01 Homoeopathy) and one supporting staff.**



22 & 23 Co-location of AYUSH facility at CHC Gannaur, District Sonipat

### xviii. Government Ayurvedic Dispensary Sitawali- District Sonipat

Ministry of AYUSH has approved Rs. 15.00 lakh for constructions in the year 2015-16 and Rs. 1.50 lakh for medicines & Rs. 0.4449 lakh for contingency for Upgradation of the Government Dispensary at Sitawali from 2014-15 till date under NAM.01 Regular AYUSH Doctor and Pharmacist is available along with 01 contractual staff and 02 part time supporting staff. 6189 patients have attended the OPD from April 2018 to March 2019 and accordingly average daily OPD is 21. Panchayati Raj department is the implementing agency for construction work. Field visit team meet to the executive engineer of Panchayati Raj to discuss the tender process and submission of the UCs. It is observed that non-recurring assistance of Rs. 10.00 lakh has been utilized by the State Government and UCs of the central share has been liquidated and an amount of Rs. 5.00 lakh is still lying with them. The team has also observed that 3 Rooms and one store room was constructed from the funds of NAM. OPD register and Medicine stock registers along with disease-wise number of Patients were well maintained.



24. Government Ayurvedic Dispensary Sitawali - District Sonipat

### xix. Colocation of AYUSH facility at District Hospital, Sonipat

Ministry of AYUSH has approved an amount of Rs.5.0 lakh for medicines and Rs. 1.50 lakh as a contingency for Colocation of AYUSH facility at District Hospital, Sonipat from 2014-15 to till date. One regular AYUSH Doctor, 2 contractual AYUSH doctors under NHM, 2 contractual Pharmacists (1 for Ayurveda and one for Homoeopathy) and one attendant were present in the Hospital during the visit. Regular AYUSH Doctor was also deputed from Govt. Ayurveda Dispensary, Gangana. 19581 patients have attended the OPD from April 2018 to March 2019 and accordingly average daily OPD is 65. Panchakrama procedures were carried out for 6276 patients during the last period of 01.04.2018 to 31.01.2019.





**25.Colocation of AYUSH facility at District Hospital, Sonipat**



**26 Colocation of AYUSH facility at District Hospital, Sonipat**



**27 & 28 Colocation of AYUSH facility at District Hospital, Sonipat**

## II) AYUSH Educational Institutes Component

### (i) Govt. Homoeopathic College Manglai Village Ambala (visit at identified land)

Ministry of AYUSH has approved Rs. 100.00 lakh during the year 2018-19 for construction work of Homoeopathic Medical College at Manglai village of Ambala District. Construction work did not start yet. Funds are lying unspent with State AYUSH Society. It is observed that 11 Acres of land is available at about 1 Kilometer away from Manglai village. State Government of Haryana has not submitted the DPR, land record and Commitment of creation of regular Posts to the Ministry of AYUSH till date.



29. Available land for Govt. Homoeopathic College Manglai Village Ambala

(ii) Shri Krishna Government Ayurvedic College Kurukshetra: detail of fund released is given below-

**Table 6 : Amount approved by Ministry of AYUSH (Shri Krishna Government Ayurvedic College Kurukshetra).**

Year/ Purpose	Amount approved by Ministry of AYUSH		
	Furniture (Rs. in Lakhs)	Equipments (Rs. in Lakhs)	Library Books (Rs. in Lakhs)
2014-15	18.845	0.00	0.00
2015-16	5.00	5.00	8.38
2016-17	5.00	6.25	10.00
2017-18	0.00	25.00	0.00
2018-19	0.00	0.00	0.00
<b>Total</b>	<b>28.845</b>	<b>36.25</b>	<b>18.38</b>

It observed that funds approved during the year 2014-15 and 2015-16 was utilized for furniture & equipments. Further, it was also observed that 1789 books have been purchased for an amount of Rs. 8.36938 lakhs and Rs. 10.00 lakhs were lying unspent of book's purchasing. Further, it has been noticed that Rs. 5.00 lakhs have been utilized for furniture purpose and Rs. 4.46052 lakhs utilized for purchase of equipment which were approved in the year 2016-17. [Principal of](#)

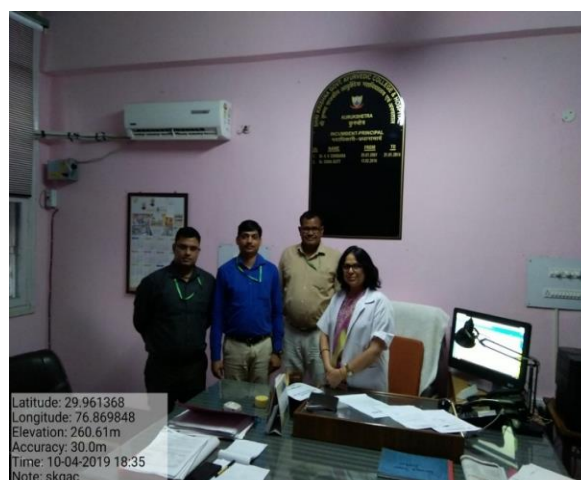


the college informed that funds approved during the year 2017-18 have not been received till date. Total sanctioned posts of teaching, non-teaching and hospital staff are 171 out of which 91 posts have been filled and 80 posts are lying vacant. 88105 patients attended OPD from January 2018 to December 2018, accordingly daily average OPD is 294. Total number of IPD patients for the same period was 1730, accordingly daily average IPD is 17. Average Bed Occupancy is 51.21%. 100 Beds were available in college. Cleanliness in the Physiology laboratory was not maintained. IPD wards are available for *Kayachikitsa*, *Panchakarma*, *Shalyatantra*, *Shalakyatantra*, *Striroga* & *Prasutitantra* and *Kaumarbhritya* departments. Separate OPD rooms for 7 departments, 01 dispensary section, Registration section, waiting space for patients, Nursing staff duty room, major and minor OT, labour room, Separate Panchakarma therapy section for male and female are available with essential equipments and instruments. 110 patients treated with Ksharsutra treatment in the year 2018.

**Table 7: Staff Position Report of Shri Krishna Govt. Ayurvedic College/Hospital, Kurukshetra**

Sr. No	Name of Post	Sanctioned	Filled	Vacant
1	Principal	1	1	0
2	Professor	14	09	05
3	Reader	14	13	1
4	Lecturer	21	15	06
5	Lecturer in Sanskrit	1	0	1
6	Lecturer in Physical Education	1	0	1
7	Superintendent	1	0	1
8	Assistant	3	0	3
9	Accountant	1	0	1
10	Head Clerk	2	1	1
11	Clerk	8	6	2
12	Steno Typist	1	0	1
13	Driver (Ambulance)	1	0	1
14	Nursing Sister	5	0	5
15	Staff Nurse	2	2	0
16	Assistant Librarian	1	1	0
17	Lab. Assistant	1	1	0
18	Lab Technician	2	2	0
19	Radiographer	1	1	0
20	Scientific Officer	3	0	3
21	Analyst	2	0	2
22	Expert Microbiology/Toxicology	1	0	1
23	Photographer	1	0	1
24	Kitchen Bearer	2	1	1
25	O.T. Assistant	1	0	1
26	X-ray Attendant	1	0	1
27	Lab attendant	2	0	2
28	Peon	5	3	2
29	Chowkidar	4	2	2

Sr. No	Name of Post	Sanctioned	Filled	Vacant
30	Dhobi	2	0	2
31	Ward Attendant	15	12	03
32	Water Carrier	3	2	1
33	Sweeper	10	2	8
34	Mali	5	0	5
35	Cook	2	1	1
36	Barber	1	0	1
37	Warden	2	0	2
38	Security Man	3	0	3
39	Dresser	2	2	0
40	Store Keeper	2	0	2
41	Ayurvedic Medical Officer	2	2	0
42	Dispenser (Ay.)	8	8	0
43	Trained Dai	5	4	1
44	Physician (Ay.)	2	0	2
45	Resident Physician (Ay.)	4	0	4
		171	91	80



**30 & 31 Shri Krishna Government Ayurvedic College, Kurukshetra**

### (III) Quality Control of ASU & H Drugs

#### (i) Quality Control Framework of Haryana:

State Licensing Authority: Yes

Drug Inspector: 13 District Ayurvedic Officers assigned the work of Drugs Inspector (AYUSH).

The monitoring team visited Haryana State from 08.04.2019 to 12.04.2019. During initial meeting with Director and State Licensing Authority, it was informed that they have 13 District Ayurvedic Officer who has been assigned the work of Drugs Inspector (AYUSH).

**Component:** Government Ayurvedic State Drug Testing Laboratory

#### (ii) Drug Testing Laboratory at Kurukshetra

**Grant Released:** RS. 16.00 Lakhs in 2018-19

**Progress of work:** The monitoring team visited Government Ayurvedic State Drug Testing Laboratory on dated 10.04.2019. Main Building of Drug Testing Laboratory having 7066 Square foot total covered area; was situated in the campus of Shri Krishna Ayurvedic College at Kurukshetra. The building was completed in 2009 and taken over by the Principal of Shri Krishna Ayurvedic College, Kurukshetra on 10.09.2011. The DTL have separate facility for Pharmacognosy/Botany, Chemistry Section, Drug Sample Store, Ayurveda Section and Administrative room. They don't have separate facility for microbiology section, toxicology section, instrumentation room and animal house facility.

It was informed by the In-charge SDTL Dr. Ravi Raj, Reader, Rasa Shastra & Bhaishjya Kalpana that in the DTL 09 Staff are working consisting of Five regular Staff(01 In charge DTL & 01 Dispenser on deputation, 01 Superintendent, 01 Assistant, 01 Dispenser) and four contractual staff(01DEO, 01 Sweeper, 01 Attendant, 01 watchman) for timely implementation of program. There is no notified Government analyst as per information submitted by the State and they have applied for notifying Government Analyst. As per Drugs and Cosmetics Rules there should be a notified Government Analyst in the Government Drugs Testing Laboratory.

**Table 8 : The sample tested year wise are as under:**

Year	Ayurveda	Unani	Total
2016-17	132	05	137
2017-18	303	41	344
2018-19	NIL	NIL	NIL
2019-20	005	NIL	005

On asking upon the details they provided the copy of letter sent to State Licensing Authority(ASU Drugs) by In-charge Government Ayurvedic SDTL, Kurukshetra, vide letter No. SDTL/HRY/2018/1022 dated 12.12.2018 reflecting statement of testing of ASU drug of State Drug Testing Laboratory, Kurukshetra reflecting following details from year 2017-18 to year 2018-19:

1. Total ASU Drugs Sample= 470
2. Certificate of Analysis (COA) Report Dispatch= 432
3. Samples under process=38
4. Standard Quality Samples=411

5. Misbranded ASU Drug Samples=20
6. Spurious ASU Drug Samples= 01

Some random Certificate of analysis in Form 13 A under Rule 163(5) were collected by the monitoring team.

It is observed that under NAM financial assistance was provided for testing of 1500 drugs samples per year. However, the information submitted by the State is mismatching so monitoring team recommends that State authorities should maintain report properly in accordance with the Drugs and Cosmetics Rules, 1945 and directions/guidelines prescribed by the Central Government.

The In-charge SDTL informed that the analytical report of adulterated/spurious/substandard samples is sent to the District Ayurvedic Officer(designated as State Drug Inspector), State Licensing Authority and Director AYUSH. No information regarding action taken on failed samples were provided by the State authorities during debriefing.

The In-charge SDTL informed that all the characteristics tested in the Drug Testing Laboratory except presence of active ingredients and presence of Heavy Metals.

### **iii) State Pharmacy at Kurukshetra**

**Grant Released:** RS. 40.00 Lakhs in 2018-19

Progress of work: The monitoring team visited Government State Ayurvedic Pharmacy Kurukshetra on dated 10.04.2019. Main Building of State Ayurvedic Pharmacy having area 8613.6 Square feet approximately; was situated in the campus of Shri Krishna Ayurvedic College at Kurukshetra. The building was completed in 2008 and taken over by the Principal of Shri Krishna Ayurvedic College, Kurukshetra on 10.09.2011. The manufacturing unit was GMP compliant having approval for preparing 27 Classical Ayurvedic Formulations as per the copy of license provided by the State authorities. Simultaneously they informed that the pharmacy building is under renovation and separate partitions for working area and installation of machinery is required.

It was informed by the In-charge Pharmacy Dr. Ravi Raj, Reader, Rasa Shastra & Bhaishjya Kalpana that in the Pharmacy 13 Staff are working consisting of one regular Staff i.e. In charge Pharmacy on deputation and Twelve contractual staff (01 Assistant, 01 Steno, 01 DEO, 02 Dispensar, 01 Mechanic, 02 Packer, 01 Attendant, 02 Sweeper, 01 watchman). The technical staff mentioned in License viz. Dr. Vidushi Tyagi(Technical Person) and Mr. Ami Lal (Quality Control) were neither mentioned by the In Charge Pharmacy nor the educational certificates were provided by the State authorities.

They have separate area for manufacturing, labeling and packing of Ayurveda drugs. As informed by them was also confirmed by the monitoring team that they don't have adequate machineries for manufacturing of Ayurveda, Unani, Siddha and Homoeopathy drugs as per GMP norm still they have license in 25 (D) Form mentioning the unit is GMP compliant.

Only Choorna Section of the Pharmacy is functional rest all equipments needs to be repaired. AMC of the machinery and equipments are not done. No in house lab is there in the Pharmacy. The Pharmacy have license to manufacture Churna, KwathaChurna group of medicines. The Pharmacy is not able to provide 100% supply of medicines as per the

demand of the State Government due to lack of heavy duty machines for all the sections. They submitted list of finished Choorna manufactured in their pharmacy consisting of only two product i.e. Triphala and Ashwagandha Choorna.

**(iv) Test Report of Ayurvedic Drugs collected during the visit received from PLIM**

During visit of Sirsa District, Haryana, 02 Ayurvedic drug samples were collected from Govt. Ayurvedic Dispensary Fatehpur, Vedwala on 11.04.2019. The samples were sent to PLIM Ghaziabad for testing. The samples have been tested, and got testing report from PLIM Ghaziabad. Samples of Ayurvedic drugs are found standard quality. The report has been indicated in following table:-

**Table 9 : Ayurvedic drug tested**

S.No	Name of the Drug	Batch No.	Name of the manufacturer	Test Report
1.	Svet Parpati	APA 02	IMPCL, Mohan, Distt. Almora-244715(U.K)	Standard Quality
2.	SamsamaniVati	AVG 46	IMPCL, Mohan, Distt. Almora-244715(U.K)	Standard Quality

## (IV) Medicinal Plants Component

### Medicinal Plants Component under National AYUSH Mission (NAM) in Haryana

This component scheme has formulated especially for commercial cultivation of medicinal plants in the Country. Under this component, financial assistance in the form of grant-in-aid has been provided to the State Mission/ Agriculture Department / SMPBs/ others on Medicinal Plants for promoting commercial cultivation of prioritized medicinal plants species across the country. Focus has been given on the following aspects:

- Support to commercial cultivation including rare and endangered species,
- Establishment of seed centres, nurseries for production of certified quality planting materials (Model & small nurseries both in public and private sectors)
- Processing and post-harvest management (storage godowns, processing units, quality testing raw materials)
- Marketing – Promotion and intelligence, Quality testing – organic certification and crop insurance under flexi component.

#### **i) Monitoring and Evaluation of Medicinal Plants Component of NAM approved during FY 2015-16 to 2017-18:**

Field survey work was conducted during the visit. For assessment of cultivation, nursery, PHM and other activities under Medicinal Plants component, special Checklists were designed/devised in consultation with technical officers of Ministry of AYUSH to capture the data at farmer's level and focused on the following parameters:

- (i) Size of land –holding, i.e. ownership of land, land on lease and area under cultivation of medicinal plants.
- (ii) Medicinal plant species cultivated by the farmers through grant-in-aid provided by Ministry of AYUSH, source of planting materials and their quality, post harvest techniques adopted, marketing channel and price realized against expectation of the farmer with buyer with whom MoUs have been signed.
- (iii) Technical and institutional support & guidance received by the farmer.
- (iv) Forward and backward linkages - assistance in input supply, linkage with market, buyers or processors.

**ii) Status of fund released by Ministry of AYUSH:** Ministry of AYUSH has approved an amount of Rs. 87.5 lakh during the FY 2014-15 (By NMPB) and Rs. 120.867 lakh for implementation of medicinal plant component under NAM. The Ministry has released Central share Rs. 160 lakh from 2015-16 to 2016-17. Out of this an amount of Rs. 78.90 lakh was utilised by the State as per utilisation certificate submitted by the State. The detail is given in table

**Table 10: Status of fund released for Medicinal Plants Component and utilized under National AYUSH Mission (NAM) Scheme**

(Amount in lakh)						
Year	Amount approved	Central Share	State Share	Amount utilized	Amount Pending	Refunded
2014-15	87.5	87.5	0	31.81	0	55.69
2015-16	51.6788	31.007	20.671	13.0808	38.5979	0
2016-17	69.1880	41.5128	27.6752	34.01004	35.1779	0
2017-18	0	0	0	0	0	0
2018-19	0	0	0	0	0	0
<b>Total</b>	<b>208.3668</b>	<b>160.0198</b>	<b>48.3462</b>	<b>78.90084</b>	<b>73.7758</b>	<b>55.69</b>

iii) **Activities approved by Ministry of AYUSH and achieved by the state under Medicinal Plants component during the F.Y. 2014-15 to 2016-17**

**2014-15 :** NMPB has approved one small nursery and 559 hectare area for cultivation of medicinal plants such as *Aloe Vera*, *Stevia*, *Asparagus*, *Emblica*, *Withania*, *Cholorophytum*, *Aegle*, *Commiphora*, *Ocimum*, *Glycyrrhiza*, *Andrographis* and *Cassia*. 01 drying shed and 01 storage godown in private sector. The state has achieved area of **83.85 hectare under cultivation of medicinal plants.**

**2015-16:** NMPB has 174.8 hectare area for cultivation of medicinal plants such as *Aloe Vera*, *Stevia*, *Asparagus*, *Emblica*, *Withania*, *Aegle*, and *Ocimum*. The state has achieved area of 75.2 **hectare under cultivation of medicinal plants**

**2016-17:** NMPB has approved one small nursery and 245 hectare area for cultivation of medicinal plants such as *Aloe Vera*, *Stevia*, *Asparagus*, *Emblica*, *Withania*, *Aegle*, *Ocimum*, *Plantago*, *Rauwolfia*, *Andrographis* and *Terminalia Chebula* along with 04 buyer seller meet, media promotion, training of 21 farmers, quality testing and crop insurance. The state has achieved **93 hectare area under cultivation of medicinal plants**

NMPB, Ministry of AYUSH has received the achievement-cum- progress reports from the state. Till now the State achieved an area of 252.05 hectare and utilised an amount of Rs. 100.61814. Details are presented in the table below.



**Table 11: Detail of physical targets and achievements of Haryana State under NAM (As per report received from Haryana horticulture Mission)**

S. No.	Activities	2014-15		2015-16		2016-17		Total	
		Tar.	Achiv.	Tar.	Achiv.	Tar.	Achiv.	Tar.	Achiv.
<b>1.</b>	<b>Nursery (Public sector)</b>								
	Small Nursery	1	0	-	-	1	1	2	1
<b>2.</b>	<b>Committed liability (Public sector) 2014-15</b>								
	Small Nursery	-	-	-	-	-	-	-	-
	<b>Sub-total</b>	<b>1</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>
<b>3.</b>	<b>Cultivation of Medicinal Plants (Area in hectare)</b>								
i.	<i>Aloe vera</i>	134	19.3	30	33	5	44	169	96.3
ii.	<i>Stevia rebaudiana</i>	52	4	16.8	0	5	6	73.8	10
iii.	<i>Asparagus racemosus</i>	19	0	8	0	27	4	54	04
iv.	<i>Emblia officinalis</i>	208	41.8	80	39.4	121	24	409	105.2
v.	<i>Withania somnifera</i>	4	0	10	0	14	0	28	0
vi.	<i>Chlorophytum borivillinum</i>	17	0	0	0	0	0	17	0
vii.	<i>Aegle marmelose</i>	95	14.35	20	2.8	21	14	136	31.15
viii.	<i>Commiphora wightii</i>	2	0	0	0	0	0	02	00
ix.	<i>Ocimum sanctum</i>	2	2.8	10	0	16	0	28	2.8
x.	<i>Glycyrrhizaglabra</i>	6	0		0	0	0	06	00
xi.	<i>Andrographis paniculata</i>	10	0		0	8	0	18	00
xii.	<i>Cassia angustifolia</i>	10	-		0	0	0	10	00
xiii.	<i>Plantago ovata</i>					8	0	08	00
xiv.	<i>Rauwolfia serpentina</i>					10	1	10	01
xv.	<i>Terminalia chebula</i>		1.6			10	0	10	1.6
	<b>Total</b>	<b>559</b>	<b>83.85</b>	<b>174.8</b>	<b>75.2</b>	<b>245</b>	<b>93</b>	<b>978.8</b>	<b>252.05</b>
<b>4.</b>	<b>2<sup>nd</sup> year maintenance</b>								
i.	<i>Asparagus racemosus</i>	8	8						
ii.	<i>Emblia officinalis</i>	118	55.8	49.8	49.8	-	-		
iii.	<i>Aegle marmelose</i>	61.2	22.2	14.35	14.35	-	-		
	<b>Sub-total</b>	<b>187.2</b>	<b>86</b>	<b>64.15</b>	<b>64.15</b>	<b>-</b>	<b>-</b>		
<b>5.</b>	<b>Post-Harvest Management (PHM) units</b>								
i.	Drying sheds	1	1	-	-			1	1
ii.	Storage/Godowns	1	1	-	-			1	1
	<b>Total</b>	<b>2</b>	<b>2</b>					<b>2</b>	<b>2</b>
<b>6.</b>	<b>Flexi Component</b>								
i.	Buyer-seller meet/Media					4	4	4	4
ii.	Farmers training					10	8	10	8
iii.	365 days campaign for MPs					10	8	10	8
iv.	Quality testing					10	0	10	0
v.	Crop insurance						0		0

**Tar. – Targets,**

**Achiv.–Achievements**



**Table 12: Detail of Financial targets and achievements of Haryana State under NAM (As per report received from state horticulture department)**

(Amount in lakhs)

S. No	Activities	2014-15			2015-16		2016-17		Total		
		San.	Rel.	Uti.	San./Rel.	Uti.	San./Rel.	Uti.	San.	Rel.	Uti.
<b>1.</b>	<b>Nursery (Public sector)</b>										
	Small Nursery	4	3	0	-	-	6.25	6.25	10.25	9.25	6.25
<b>2.</b>	<b>Cultivation of Medicinal Plants</b>										
i.	<i>Aloe vera</i>	11.39	68.51	1.5980	5.091	5.66811	0.933	22.61783	17.414	6.024	29.88394
ii.	<i>Stevia rebaudiana</i>	32.50		1.875	20.963	0	6.862	11.904	60.325	27.825	13.779
iii.	<i>Asparagus racemosus</i>	1.78125		0	1.996	0	7.412	1.46756	11.18925	9.408	1.46756
iv.	<i>Emblica officinalis</i>	17.576		3.49246	15.572	7.43085	25.909	9.41348	59.057	41.481	20.33679
v.	<i>Withaniasomnifera</i>	0.20		0	0.998	0	1.537	0	2.735	2.535	0.00
vi.	<i>Chlorophytumborivill inum</i>	10.625		0	0	0	0	0	10.625	0.00	0.00
vii.	<i>Aegle marmelose</i>	12.35		1.1375	3.993	0.55902	4.611	4.87472	20.954	8.604	6.57124
viii.	<i>Commiphora wightii</i>	1.56		0	0	-	0	0	1.56	0.00	0.00
ix.	<i>Ocimum sanctum</i>	0.12		0.120	1.197	-	2.108	0.11979	3.425	3.305	0.23979
x.	<i>Glycyrrhizaglabra</i>	2.25		0	-	-	0	0	2.25	0.00	0.00
xi.	<i>Andrographispaniculata</i>	0.50		0	-	-	0.878	0	1.378	0.878	0.00
xii.	<i>Cassia angustifolia</i>	0.50		0.06	-	-	0	0	0.50	0.00	0.06
xiii.	<i>Plantago ovate</i>						0.846	0	0.846	0.846	0.00
xiv.	<i>Rauwolfiaserpentina</i>						4.575	0.4575	4.575	4.575	0.4575
xv.	<i>Terminalia chebula</i>						1.317	0	1.317	1.317	0.00
	<b>Sub-total</b>	<b>91.3523</b>	<b>68.51</b>	<b>8.28296</b>	49.81	13.658	<b>56.988</b>	<b>50.85488</b>	<b>198.15025</b>	<b>175.308</b>	<b>72.79582</b>
<b>3.</b>	<b>2<sup>nd</sup> year maintenance</b>										
i.	<i>Asparagus racemosus</i>	0.25	5.766	0.24625	-	-	-	-	0.25		0.24625
ii.	<i>Emblica officinalis</i>	3.068		1.4508	1.2948	1.2948	-	-	4.3628	1.2948	2.7456
iii.	<i>Aegle marmelose</i>	2.448		0.888	0.574	0.574	-	-	3.022	0.574	1.462
iv.	<i>Commiphora wightii</i>	0		0	0	0	-	-	0.00	0	0

	<b>Sub-total</b>	<b>5.766</b>	<b>5.766</b>	<b>2.58505</b>	<b>1.8688</b>	<b>1.8688</b>	<b>0.00</b>	<b>0.00</b>	<b>7.6348</b>	<b>7.6348</b>	<b>4.45385</b>
<b>4.</b>	<b>Post-Harvest Management (PHM) Units</b>										
I	Drying sheds	5	7.5	5	-	-	-	-	5		5
Ii	Storage/Godown	5		5	-	-	-	-	5		5
	<b>Sub Total</b>	<b>10.00</b>		<b>10.0</b>	-	-	-	-	<b>10</b>	<b>7.5</b>	<b>10</b>
<b>5.</b>	<b>Flexi Component</b>										
i.	Buyer-seller meet	-	-	-	-	-	2.00	2.49985	2.00	2.00	2.49985
ii.	Media Promotion	-	-	-	-	-	0.45	0	0.45	0.45	0
iii.	Farmers training	-	-	-	-	-	1.50	1.499	1.50	1.50	1.499
iv.	365 days campaign for MPs	-	-	-	-	-	0.50	0.39562	0.50	0.50	0.39562
v.	Quality testing	-	-	-	-	-	0.50	0	0.50	0.50	0
vi.	Crop insurance	-	-	-	-	-	1.00	0	1.00	1.00	0
	<b>Sub Total</b>	-	-	-	-	-	<b>5.95</b>	<b>4.39447</b>	<b>5.95</b>	<b>5.95</b>	<b>4.39447</b>
<b>6.</b>	<b>Management Support</b>										
	<b>Sub-total</b>	5.55591	2.724	-					5.55591	2.724	2.724
	<b>Committed liability</b>	-	-	10.94							
	<b>GRAND TOTAL</b>	<b>116.67</b>	<b>87.5</b>	<b>31.8086</b>	<b>51.6788</b>	<b>13.658</b>	<b>69.188</b>	<b>61.49935</b>	<b>237.54096</b>	<b>208.3668</b>	<b>100.61814</b>

**San. – Sanctioned,**
**Rel. – Released,**
**Uti. – Utilized,**
**B.S.M – Buyer-Seller Meet**

**Note:** NMPB has issued the UC for an amount of Rs 31.80 for the financial year 2014-15 and unspent balance has been refunded. The Ministry of AYUSH has issued UC for an amount of Rs. 13.08 lakh out of released amount Rs. 51.6788 lakhs for the F.Y. 2015-16 and Rs. 34.01 lakh issued out of released amount Rs. 69.188 lakh for the F.Y. 2016-17.

#### iv) Field Visit of Haryana for cultivation of Medicinal plants activities.

The team members along with the members of state implementing agency started their journey from Chandigarh to Panchkula on 8<sup>th</sup> April 2019 for monitoring of Medicinal plant component and other activities of NAM.

On the way team has visited Field of *Aloe vera* at Panchkula district, Village Golapura. Team interacted with one farmer who was present at the field.

During the interaction farmer has informed that an area of 2.5 acre was covered under cultivation of *Aloe vera* at site. The farmer has informed that he is not the owner of field. The subsidy was released by DBT to the farmer.



32. *Aloe vera* Field visited by team of Ministry of AYUSH



33. *Asparagus racemosus* intercropped with other commercial crops



34. *Asparagus racemosus* at village of Chhoti Kodi, Ambala



35. Nursery structure at village of Chhoti Kodi, Ambala





36 .Planting Material in a nursery at village, Chhoti Kodi, Ambala



37 .Post harvest units (drying shade) at village, Chhoti Kodi, Ambala



38. Visit of processing units at Narayan khera Ambala



39. Post harvest units (Storage) at village, Chhoti Kodi, Ambala



40. Stevia Plantation at field at Ambala



41. Nursery at Ambala

**9<sup>th</sup> April 2019:** Team started the journey from Chandigarh to Ambala District. Team has visited two Post Harvest Management units near the village of Chhoti Kodi, Ambala. Team interacted with Dr. V.P. Singh who has established one drying shade and one storage /godown in private sector. The six farmers namely **Sh. Nima Jain, Harsh Jain, Prabha Jain, SHG of Chhoti Kodi, Kamlesh Jain** were the beneficiaries used PHM units for the crops of **Stevia, Satawar, Safed Musali**. The SHG, Chhoti Kodi has also prepared a small

nursery in one hectare area and raised sapling of Aloe, Stevia Safed Musali. During the interaction farmers have informed that the subsidy of Rs. 1,14,843 was released for cultivation of Stevia, *Safed Musali* and *Satawar* to cover an area of 5 hectare by DBT. Team has also visited field of Stevia Satawar and Aloe in Six hectare area (Land Survey No. 542 and 543) cultivated by T.C. herbal Group. Total ten farmers were in the cluster. Dr. VP Singh has given information on marketing that they have made sale of through Aswagandha root @ of Rs. 190/ Kg , Panchang of Ashwagandha @80/ kg and Aloe pulp @ 6-8 /kg parts of Aloe. Ashwagandha yield obtain 2.00 quintal/acre. Satawar crop was seen in the field during the visit.



**42 & 43 Field of *Aloe vera* at village Khanpur Konlion, Kurukshetra**

**10<sup>th</sup> April 2019:** The team has visited amla cultivation in 1 hectare land at village Tyody in Kurukshetra. The team was interacted with the farmer Sh. Gulab Singh who is cultivating *Amla* as a boundary crop. The team observed that the *Amla* is not cultivated as a sole crop where as it was approved as a sole crop by M/o AYUSH for the F.Y. 2014-15.

Thereafter team has visited at field of aloe vera (0.5 acre), village Khanpur Konlion. There team interacted with one farmer namely Mrs. Hardeep. The crop was approved for the F.Y. 2016-17 (**Detail present at annexure**). The mode of subsidy **has** given through DBT.





44. Amla cultivated as boundary crop at village Tyody



45 & 46. Field of *Aloe vera* Narayan Khera, Sirsa

**11<sup>th</sup> April 2019:** The team has visited *aloe vera* cultivation in 1.2 ha. Land at village Narayan khera. The crop was approved for the F.Y. 2016-17 and they have received subsidy of Rs. 22400/-. Farmers Mrs. Badhodevi, Sh. Krishan Kumar, Sh. Daya Ram were interacted who are cultivating *aloe vera* as a sole crop. The total area covered by the cluster is 10.4 ha. by 8 farmers namely Sh. Hanuman, Smt. Shardha, Sh. Jai Parkash, Sh. Krishan Kumar, Sh. Daya Ram, Sh. Sohanlal, Smt. Badho Devi, Sh. Vinod Kumar. Team has also visited 11 acre *aloe vera* cultivated plot at the village Jamal and Rampura Dhillon, Sirsa. The farmers namely Sh. Om Prakash, Sh. Ram murthy and Sh. Bhagmal were interacted with the central team.

**12<sup>th</sup> April 2019:** The team has visited for *amla*, *stevia* and *aloe vera* cultivation in 2 acre area at village Mazra in Sonipat District. The crop was approved for the F.Y. 2016-17 and they have received subsidy of Rs. 22000/-. Farmers Sh. Rajesh interacted with the team. The total area covered by the cluster is 10.4 ha. by 8 farmers namely Sh. Hanuman, Smt. Shardha, Sh.



Jai Parkash, Sh. Krishan Kumar, Sh. Daya Ram, Sh. Sohanlal, Smt. Badho Devi and Sh. Vinod Kumar.

Team has also visited 11 acre *Aloevera* cultivated land at the village Jamal and Rampura Dhillon, Sirsa. The farmers namely Sh. Om Prakash, Sh. Ram Murthy and Sh. Bhagmal were interviewed.



47. Field of *Emblica officinalis* at Sonipat District



48. *Agele marmelose* cultivated as intercrop with other commercial crop

v) **Visit of Nursery:-** Team has also visited a small nursery on 9/04/2019 which was established by TC herbal self help group at Ambala Choti kohri. The following sapling were raised

- |       |             |          |
|-------|-------------|----------|
| (i)   | Shatavar    | =80000   |
| (ii)  | Stevia      | = 200000 |
| (iii) | Aloe vera   | =100000  |
| (iv)  | Tulsi       | =100000  |
| (v)   | Ashwagandha | = Seed   |

vi) **Suggestions given by the farmers:** The self-help group organized training for 250 farmers. The self-help group and farmers also requested for the followings:

1. To support the processing units near the cluster
2. To support the PHM units at district level
3. To support DCC / RCC
4. To develop the PHM techniques
5. To develop the agro-technologies, varieties and PHM techniques for the medicinal plants
6. To organize the training programmes for the farmers on cultivation and techniques for the benefit of farmers.
7. To develop the market yards in local mandies for sale and purchase of medicinal plants
8. To support farmers for QPM and marketing.
9. Governments may mediate the agreements between the farmers and the industries.
10. To develop the MSP for important plants.
11. Techniques should be shared with farmers.

**vii) Observations of team: The team has made the following observations for medicinal plants component under NAM.**

- The subsidy was given to the farmers by DBT.
- The *Amla* was cultivated as a inter crop & boundary with other crop instead of the approval as a sole crop.
- The Aloe crop was present at the field since two years as farmer could not sale due raw material due to non-availability of market.
- It has been observed that there is no coordination between State AYUSH Society and implementing agency of medicinal plant component.
- Planting material is not available.
- The market is very far from the villages; hence the herbal material was damaged due to the non - availability of market near the clusters.
- Local masses are not aware about the Govt. scheme related to the medicinal plants.
- The main owner was not available at the field during the visit.

**Table 13: Activities monitored by team, Ministry of AYUSH for Medicinal Plants components under NAM Scheme**

S. No	Activities	Total targets approved by M/o AYUSH (2014-15 to 2016-17)	Activities monitored by Team of M/o AYUSH	Remarks
<b>1.</b>	<b>Nursery (Public sector)</b>			
	Small Nursery	2	1	Sapling of stevia, amla, aloe etc
<b>2.</b>	<b>Cultivation of Medicinal Plants (Area in hectare)</b>			
<b>i.</b>	<i>Aloe vera</i>	169	8.35	
<b>ii.</b>	<i>Stevia rebaudiana</i>	73.8	1	
<b>iii.</b>	<i>Asparagus racemosus</i>	54	2.5	
<b>iv.</b>	<i>Emblica officinalis</i>	409	1.5	
<b>v.</b>	<i>Withaniasomnifera</i>	14	0	Crop harvested
<b>vi.</b>	<i>Chlorophytumborivillinum</i>	17	0	
	<i>Aegle marmelose</i>	136	6.27	
<b>vii.</b>	<i>Commiphora wightii</i>	2		
<b>viii.</b>	<i>Ocimum sanctum</i>	28	-	Crop harvested
<b>ix.</b>	<i>Glycyrrhizaglabra</i>	06		
<b>x.</b>	<i>Andrographispaniculata</i>	18	-	Crop harvested
<b>xi.</b>	<i>Cassia angustifolia</i>	10		
<b>xii.</b>	<i>Plantago ovata</i>	8	-	Crop harvested
<b>xiii.</b>	<i>Rauwolfiaserpentina</i>	10		
<b>xiv.</b>	<i>Terminalia chebula</i>	10		
	<b>Sub-total</b>	<b>964.8</b>	<b>19.62</b>	
<b>3.</b>	<b>Post-Harvest Management (PHM) units</b>			
	Drying sheds	2	2	Present near the cluster
<b>4.</b>	<b>Flexi Component</b>			
	Buyer-seller meet	1		

## 6. Debriefing:

After visiting the facilities in Sonipat district, debriefing was done to State officials. The visiting team apprised the Director AYUSH Haryana, about the various units funded in Haryana for AYUSH integration and visited facilities. Following points are raised by the team during the discussion with State officials.

1. Construction work of New Government Homeopathic College at Manglai village, District Ambala has not been started which was approved in the year 2018-19.
2. Construction work of upto 50 bedded integrated AYUSH hospital at Hisar has not been started which was approved in the year 2015-16.
3. Detailed Project Report, Commitment of creation of Regular posts regarding 50 bedded integrated AYUSH hospital at Hisar District is required to be submitted by State Government.
4. State Pharmacy and DTL at Kurukshetra is not fully functional.
5. Cleanliness at AYUSH Dispensary, Natwal and Physiology laboratory of Shri Krishna Govt. Ayurvedic College was not maintained properly.
6. State Government is required to utilize the balance amount of Rs. 1076.507 lakhs at the earliest.
7. **At present there is no implementing agency for Medicinal Plants component.**
8. There was no market facility available for the farmers as Two year crop (*Aloe vera*) present in the field.
9. The implementation of the National AYUSH Mission in the State is a milestone in the healthcare delivery system and would definitely benefit the people however there is a need of creation of more awareness in the people about AYUSH system of Medicine.
10. Director AYUSH requested that some patent medicines may be included in Essential Drug List of ASU & H drugs for Paediatric use.



49. Debriefing

## 7. Recommendations:-

### AYUSH SERVICES COMPONENT:

- i) At Co-located District Hospital IPD facilities for AYUSH are also required to be started.
- ii) State Government is required to utilize the unspent balance funds of setting up of upto 50 bedded integrated AYUSH hospital at Hisar and Upgradation of Govt. Ayurveda Dispensary at Sitawali, Co-location of AYUSH facilities at DH Sirsa, and Co-location of AYUSH facilities at CHC Shahabad.
- iii) State Govt. is required to complete the ASHA /ANM Training at PHC level.
- iv) Yoga wellness Centres approved under NAM have not been made functional, even though non- recurring assistance provided for this purpose stands utilized. State Government is required to make functional Yoga wellness centres.
- v) State Government is required to fill the vacant posts of District Ayurvedic officers (06) Medical Officers (146-Ayurveda, 8-Unani and 16 Homoeopathy) and Dispensers (Ayurveda-90).
- vi) Adequate signages of Co-located AYUSH facilities with depiction of National AYUSH Mission may be provided at all collocated facilities including DHs to enhance visibility.

### AYUSH EDUCATIONAL INSTITUTIONS COMPONENT:

- i) State Government is required to fill the vacant posts of the Teaching staff, non-teaching staff and hospital staff at Shree Krishna Ayurveda College, Kurukshetra. It is observed that undue delay in filling up of regular post will hamper the functioning of teaching hospital.
- ii) Arrangements for regular cleanliness in the Shree Krishna Ayurveda College & Hospital at Kurukshetra needs to be up-graded to maintain proper cleanliness.
- iii) State Government is required to take up the construction work of New Homeopathic Medical College at Manglai village in Ambala district. Further, State Government is required to submit the DPR, Land record and commitment of creation of regular posts at the earliest.

### QUALITY CONTROL MOF ASU &H DRUGS COMPONENT:

- i) State Govt. is required to notify the **Government Analyst** in accordance with the provisions prescribed in Section 33 F of Drugs and Cosmetics Act,1940.
- ii) State Govt. is required to maintain the records of Testing of Drug Samples in proper manner reflecting year wise details, number of sub-sampled samples as defined in Drugs

and Cosmetics Act, 1940 and Rules, 1945 made there under and action taken thereon to failed samples may be submitted to Ministry of AYUSH.

**iii)** Only Choorna Section of the State Government Pharmacy at Kurukshetra is functional. State Govt. is required to make Government Pharmacy fully functional.

**iv)** State Govt. is required to impart Training to DTL and Pharmacy personnel's for updating them with the knowledge of respective essentials.

#### **MEDICINAL PLANTS COMPONENT:**

**i)** State Government should nominate an implementation agency to implement the Medicinal Plant component effectively and to harness the potential fully for the benefit of the farmer's community in the State. This component is receiving the desired attention and outcome is below optimal level.

**ii)** In order to facilitate marketing of medicinal plants some District level mandies may also be established.

**iii)** Post - Harvest management units like Storage/godown and drying shed may also be established at district level for grading, drying of raw materials.

**iv)** Trainings are also required on GAPs and GFCEs for cultivation of medicinal plants.

**v)** In Addition to the promotion of clusters, individual farmers may also be promoted for cultivation of medicinal plants.

**vi)** The private sector may also be encouraged for raising the Quality Planting material (QPM), establishment of PHM units and rural collection centres.

**vii)** Farmer may be registered by implementing agency for cultivation under a cluster.

**viii)** State may organise some IEC activities like workshops, buyer seller meet, Conferences etc. to make aware the local masses about the schemes of Government.

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