# **ANNUAL REPORT**

(FY 2015-16)





Hill Agriculture and Rural Development Promotion Society (HARP)

Thakur Niwas, Dudhali, PO Bharari, Shimla-171 003, (HP).

Ph. 0177-2652144, E-mail: harp.sml@gmail.com

#### From The President



In year 2015-16, HARP has completed eight years since its registration and has established as an organization. It has happened due to the zeal, hard work and determination of its members & employees. Due to the experience and reputation of HARP, every year HARP is getting different type of projects for implementation, especially from NABARD,

which are necessary for the sustainability of HARP. The organization does not have any other source of funding and since it is a "no profit no loss" Society, it is very necessary to get projects to sustain. HARP is working with Government bodies, public sector like NABARD and others. The team of HARP is experienced and technically highly competent that is why the projects taken in hand are being implemented in a professional manner and being completed within a given time frame. This has added value to HARP'S reputation.

This year mainly the HARP worked on the continued projects received from the NABARD & Government bodies.

(DR. R.S. Ratan)

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# **HARP: Continuously growing with Determination**

The Hill Agriculture & Rural Development Promotion Society (HARP), H.P, Shimla-171003 was founded on 29th January, 2009. The HARP was registered under H.P, Society registration act, 2006 with the Registrar Cooperative Societies, H.P. The objective of the Society is to support and undertake different types of projects of Agriculture, Horticulture, Rural Development, Social welfare environment, education, livelihood etc.

During the year 2015-16, HARP remained busy in the implementation of the continued programmes /projects of the past years.

**Vision:** To provide useful solutions which are morally right article guided by value driven approach to the growth of agriculture, social, educational and economic empowerment of the rural people and to work with ethical value based solutions towards the client service.

**Mission:** To work with determination in order to bring transformation development with sustainable livelihood for the rural poor through participatory practices and undeserved classes and responsibly contribute to improve the development in agriculture, health, education and skill sectors.

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#### **Our Team**

This year the following members were in the Governing Board of HARP.



DR. R.S. Ratan
President



DR. Y.P. Sharma
Chief Coordinator



Ms. Indu **Treasurer** 



DR. B.D. Sharma **Advisor** 



Shri P.S. Negi General Secretary



Shri M.R. Sharma **Member** 



Shri Dinesh Chand **Executive Member** 

- Four meetings of governing Board and one meeting of General House were held on 01-05-2015 (General House) and on 29-07-2015, 20-10-2015, 14-02-2016 and 07-03-2016 (Governing Board) under the chairman ship of DR R.S. Ratan, president.
- In the meeting of general house held on 01-05-2015, the previous body of Governing Board elected during the year 2012 was dissolved and fresh elections

were held. The following were elected unanimously as office bearers of HARP for three years.

- The general House meeting was attended by seven members including MR Dinesh Chand & Mr. M.R. Sharma.
- In the meeting of Governing Board held on 29-07-2015, the rules relating to the manpower management of HARP were framed, tabled and unanimously approved vide resolution No.6 of this meeting. The meeting was attended by six members including Shri M.R. Sharma.
- In the meeting of Governing Board held on 20-10-2015, Mr. M.R Sharma was unanimously elected as executive member of HARP. Six members attended this meeting.
- The meeting of Governing Board held on 14-02-2016 & 7-3-2016 were not attended by shri M.R Sharma. In the meeting held on 7-3-2016, Shri Akash Singh was admitted as a new member of harp on 14-02-2016. This way there were eight members of HARP during year 2015-16.
- During year 2015-16 total employees of HARP under different schemes; like, UPNRM, organic farming, Tribal Development fund, and formation self- help group, formation of FPO and office management were 9, who worked in the implementation of the programmes.

#### Overview of year 2015-16

 Village planning committee (VPC) under Integrated Tribal Development project sanctioned under TDF by the NABRD was formed in village Kandhar of Gram panchayat Nathpa, District Kinnaur in which 32 farmers of Kandhar were involved in forming this VPC on 12-4-2015.

• One day awareness camp- cum-training programme was organized on 22-04-2015 in which farmers of all three panchayats were present. 95 farmers, members of Mahila Mandal also participated in this camp. Hon'ble deputy speaker of HP Vidhansabha and Chief General Manager (CGM) NABARD and his officers were also present. The purpose of this camp-cum-training was to make aware all stakeholders about this project. Training on orchard management and plantation of apple crop was also given to the farmers.



 Under health component of the Integrated Tribal Development Project (TDF Project) Kinnaur, water purifiers were distributed on 22-04-2015 to the Mahila Mandals of the project area by the CGM NABARD.



• An exposure visit for the Producers of the Shubham fresh vegetable Growers Marketing Cooperative Society Ltd, Galot and the Moloothi Fruit, Flowers and Vegetable Growers Marketing cooperative Society Maloothi, District Shimla was organized on 19-04-2015. Total 17 producers from both those FPO(S) were taken to the Mahakali Flowers and Vegetable production and marketing cooperative Society, Jubbar Hatti, District Shimla (HP). The mahakali cooperative Society is also an FPO which is marketing the cut flowers and the off reason vegetables.



- One day awareness camp under TDF project for the farmers of Rupi, Chhota Kamba and Nathpa Gram panchayats was organized on 22-4-2015 at chhota Khamba village. Chief General Manager, NABARD, Shimla and the Deputy Speaker of H.P Vidhan Sabha also participated in this awareness camp and they formally inaugurated the implementation of this project in these Gram panchayat of District Kinnaur (HP). About 90 farmers and farm women were present in this camp.
- One day training programme on organic farming practices to be adopted in Kharif 2015 was organized on 24-4-2015 at Durga Mandir parisar Dhundan for Organic Grower Group Bania Devi and for Organic Grower Group Mansa Mata at chamakhri. Total 67 farmers and farm women were present in Bania Devi Organic Growing Group and 51 farmers and farm women were present in Mansa Mata Organic Grower group. The farmers were trained in general practices of organic farming. Preparation of Desi khad & Vermi compost was also demonstrated to the farmers.



One day training programme on Organic farming Practices to adopted in Kharif 2015 was organized on 25-4-2015 at Tiuru for Organic Grower Group Mandholi Deo and for Organic Grower Group Dev Dhar at Aer. Total 75 farmers and farm women were present in Mandholi Deo Organic Growing Group and 52 farmers and farm women were present in Dev Dhar Organic Grower group. The farmers were trained in general practices of organic farming. Preparation of Desi khad & Vermi compost was also demonstrated to the farmers.



 One day training programme on organic farming practices for Kharif crops was organized on 26-4-2015 for organic grower group Jalpa Mata at Durga Mandir parisar Dhundan. Total 87 farmers participated in this training the farmers were trained in general organic farming practices for Kharif crops. Preparation of Desi khad & Vermi compost was also demonstrated to the farmers.



- An exposure visit for the producers of the Taranda valley fruit and vegetable Growers marketing cooperative Society was organized on 26-04-2015. Total 13 producers of this FPO were taken from chaura to Balindi (Karsog Valley) District mandi (HP) where they were exposed to the methodology of growing exotic vegetables on the farmers' fields of Balindi interactions with the Balindi farmers was also organized.
- Villages planning committee (VPC) under TDF project for Bara Kamba village was formed on 28-4-2015 at Bara kamba in which 7 farmers participated in this process of formation of VPC.
- Village planning committee (VPC) under TDF project for village shorang was formed on 29-04-2015 at shorang in which 10 farmers participated to form the VPC.
- One day training programme on Organic Farming practices was organized on 29-04-2015 at Ganog, Development Block Sangrah, District Sirmour. In all 55 farmers & farm women participated in this training. The farmers were trained in preparation of organic farming products like; liquid manures, organic pesticides etc. input material and material for input generation were also distributed to all the registered farmers.



One day training programme on Organic Farming practices was organized on 30-4-2015 at Rajana, Development Block Sangrah, District Sirmour (HP) in which 73 farmers and farm women were present. The farmers were trained in organic farming practices for kharif crops including ICS. Organic inputs and material for input generation were also distributed to the registered farmers.



 One day training programme on Organic Farming Practices was organized on 6-5-2015 at Baddi Dhar and Chhatril, Development Block Bhatyat District Chamba.
 Total 131 farmers and farm women participated in this programme. The participants were trained in different aspect of organic farming including ICS, preparation of organic farm inputs was also distributed to the registered farmers.



• An exposure visit under TDF project for the "Wadi" (apple orchard) farmers of Chhota Kamba and Rupi Gram panchayats were organized on the 18th May, 2015 and 4<sup>th</sup> December 2015. In all 15 farmers from Chhota kamba gram panchayat and 18 farmers from Rupi gram panchayat were taken to the Regional Horticulture Research Station Sharboo, Fruit Processing Unit Reckong Peo and orchards of progressive farmers of Powari, District Kinnaur. The purpose of this visit was to expose the farmers of project area to the best practices of orchard maintenance and processing of apple & other fruits.



 The District Development Manager NABARD of District Kinnaur and project Director of HARP conducted a monitoring visit to chhota kamba on 22-5-2015

under TDF project. They inspected randomly the "Wadis" of 7 farmers of Chhota Kamba village.

One day training programme on Organic Farming Practices was organized on 18-06-2015 at Rajana, Development Block Sangrah, District Sirmour (H.P). In all 15 participant farmers and farm women participated in this training programme. The farmers were trained in different aspects of organic farming system and group certification of the produce brought under Organic Farming like Internal Control System (ICS), preparation of liquid manure & organic pesticides; etc.



• A camp on Swachha Bharat Abhiyan was organised by HARP with the funding support of NABARD on 22/06/2015 at village Bara Kamba of Development Block Nichar, District Kinnaur, Himachal Pradesh. In this programme around ninety participants were present in which forty participants were farmers and around fifty participants were students of the village.



• A camp on Gender Sensitization under TDF project was organized at chhota kamba on 29-6-15. Total 21 farmers and farm women participated in this camp.

 A camp on Gender sensitization under TDF project was organized at chhota kamba for the farmers & farm women of chhota kamba panchayat on 2-07-2015. Total 21 farmers & farm women of this panchayat participated in the camp.



- One day training programme on internal control system (ICS) for organic farming certification was organized on 18-8-2015 at Durga Mandir parisar Dhundan for the office bearers of all Organic Grower Groups of this project. In this training programme all the farmers and farm women who attended this programme formed a cooperative society which will market the organic produce of the registered growers and will also take up the responsibility of renewing the organic scope certificate already issued by the certification agency. Total 37 farmers & farm women participated in this programme.
- A training camp for the farmers of Rupi under TDF project was organized on 9-9-2015 near Rupi. The farmers of Rupi were trained and demonstrated the layout plan for apple orchards on contours by the Expert of HARP. This process was done before digging pits for the plantation of apple sapling during winter season of 2015-16.



- One day training programme under FPO formation programme for the producers of the FPO Taranda, District Kinnaur was organized on 11-09-2015 at Chaura. The producers were trained in the concept & benefits of FPO the methodology of aggregation and marketing of the produce of their producer members collectively. Total 12 farmer producers participated in this training.
- One day training for SHG(s) under formation of self-help groups programme in Development Block Nichar was organized on the 24th September, 2015 at Panchayat samiti Hall Lutuksa (Bhaba Nagar). In all 31 women participated in this training. The women members of SHG(s) were guided regarding different trades/ areas which they can start in their SHG for earning livelihood. They were also told that by linking their group with the commercial/ cooperative banks, they can get banking facilities as and when required. The women members can also make their group as a credit and thrift Self Help Group under which they can collect monthly subscription from the members which can be advanced as loan on cheaper interest rates to their member who are in a need of credit to meet the expenditure on some domestic work.
- One day training programme under FPO formation programme for the producers of the FPO Galot, District Shimla was organized on 25-09-2015 at Galot. The producers were trained in the concept & benefits of FPO & the methodology of aggregation and marketing of produce of their producer members collectively. Total 16 farmers participated in this training.
- One day training programme under FPO formation programme for the producers of the FPO Maloothi, District Shimla was organized on 26-09-2015 at Maloothi. The producers were trained in the concept & benefits of FPO the

methodology of aggregation and marketing of the produce of their producer members collectively. Total 17 farmer producers participated in this training.



- One day training programme under TDF project was organized at Nathpa for the villages of G.P Nathpa on 30-9-2015 in which 31 wadi farmers participated. The participants were trained and demonstrated the layout plan of apple orchard on contours.
- One day training on the layout plan for apple orchard was organized at Kachrang village of Gram panchayat Nathpa on 14-10-2015. 22 farmers wadi from this village were trained in the lay out plan for apple orchard.
- One day training on the layout plan for Apple orchard on contours was organized at Kandhar Village of Gram panchayat Nathpa on 16-10-2015 in which 21 farmers were trained and demonstrated the layout of Apple orchard.
- One day training programme on Organic farming practices in Rabi Crops was organized on 16-11-2015 at Rajana, Development Block Sangrah, which was attended by 128 farmers and farm women. The farmers were trained in the organic farming practices in Rabi crops. Organic inputs were also distributed to the registered farmers.
- One day training programme on organic farming practices in Rabi crops was organized on17-11-2015 at Baragy Development Block Sangrah where in 97 farmers & farm women participated. The farmers were trained in organic farming practices in Rabi crops including Internal Control System for certification of organic produce. Organic inputs were also distributed to the registered farmers.



• One day training programme on organic farming practice in Rabi 2015-16 was organized on 19-11-2015 at Aer and Tiuru for Dev Dhar and Mandholi Deo Organic Grower Groups respectively. In this training the farmers and farm women were trained in the organic farming practices to be adopted for Rabi 2015-16. Method of preparation liquid farm manure was demonstrated. Organic inputs as well as material for input generation were distributed to the registered farmers. In all 57 farmers at Aer and 82 farmers at Tiuru participated in this training programme.



 One day training programme on Organic Farming practices to be adopted in Rabi 2015-16 was organized on 20-11-2015 at Durga Mandir parisar for Bania Devi and Jalpa Mata Organic Grower Groups. In all 95 farmers in Bania Devi Group and 57 farmers in Jalpa mata group participated in this training programme. The farmers were trained in general organic farming practices and the preparation of compost tea was also demonstrated. Organic inputs as well as material for input generation were distributed to the registered farmers.



- One day training programme on organic farming practices to be adopted in Rabi 2015-16 was organized on 21-11-2015 for Manasa Mata Organic Grower Group at Chamakhri in which 51 farmers and farm women participated in this training. The farmers were trained in general organic farming practices &preparation of vermi wash and compost tea was demonstrated. Organic inputs as well as material for input generation were distributed to the registered farmers.
- Village planning committee (VPC) formation meeting for Kandhar village, G.P Nathpa under TDF project was organized on 30-11-2015. Total 8 farmers were present who formed the VPC for their village.
- Under UPNRM (Umbrella Natural Resources Management) programme, farmers
  cluster in Balindi & Chamunallah District Mandi were formed and their produce
  was marketed. Total value of the marketed produce was Rs 21.40 lakhs. The
  farmers were organized and one FPO was formed at Balindi. Later on after the
  close of the programme, the business of marketing of exotic was landed over to
  this FPO.
- One day training for the farmers of Druma and other adjoining villages and at chhatril & adjoining villages' farmers on organic farming practices for Rabi crops was organized on 1-12-2015 in morning & evening sessions. Organic inputs and material for input generation were also distributed to the farmers. Total 131 farmers participated in this programme.



- One day training programme under FPO formation programme for the producers of the FPO Bhaba Valley, District Kinnaur was organized on 15-12-2015 at Katgaon. The producers were trained in the concept & benefits of FPO & the methodology of aggregation and marketing of produce of their producer members collectively by the DDM NABARD, Reckong Peo and Project Director, HARP. Total 16 farmers participated in this training.
- Skill training –cum-demonstration on cutting, pruning and training of apple orchard under TDF project was organized at chhota kamba for the "Wadi" farmers of chhota kamba Gram panchayat on 6-2-2016. The skill of total 21 farmers who participated in this training were trained and their skill in pruning and training of plants was improved.
- Second phase of FPO formation was sanctioned by NABARD on 24-02-2016 in which the first phase of this programme was merged.
- An exposure visit for the producers of the Sabji Utpadake Sahkari Sabha Ltd.Bhanoti and the Devi Kot Flowers, Fruits and Vegetable production —cummarketing cooperative society Ltd. Balindi was organized on 6-3-2016. Total 11 producers from each FPO (S) participated in this exposure visit. These 22 producers were taken to the Mahakali flower & vegetable production & marketing cooperative society Ltd, Jubbar Hati District Shimla. The Mahakali cooperative Society is a mature cooperative society and is doing the work of aggregation, grading, packing and marketing of the produce of their members.



 The FPOs formed by HARP under FPO formation programme phase I were registered under HP Cooperative Societies act 1968 for giving legal entity to these producer organizations. The detail of registration is given as below:-

Name of FPO	Registration no. & date	Authority with whom registered
Shubham Producers' Production & Marketing Cooperative Society Ltd, Galot	755 dated 9-4-2015	ARCS Shimla
Maloothi Producers' Production & Marketing Cooperative Society Ltd, Maloothi	756 dated 9-4-2015	ARCS Shimla
Devi Kot Producers' Production & Marketing Cooperative Society Ltd, Chamunalla	349 dated 6-10- 2015	ARCS Mandi
The Taranda Valley Sabji Utpadak sahkari Sabha samitti Ltd, Chaura	111 dated 11-9- 2015	ARCS Reckong Peo
Bhaba Valley Phal Avum Sabji Utpadak sahkari Sabha Katgaon	110 dated 31-7- 2015	ARCS Reckong Peo
Sabji Utpadak Sahkari Sabha Samiti, Bhanoti District Mandi	351 dated 21-1- 2016	ARCS Mandi

With this barring a few deliverables, phase I of FPO formation programme was complete.

# Highlights of the year

• The various activities of the programmes of Organic Farming funded by the state Department of Agriculture, Himachal Pradesh, Integrated Tribal Development Project, Formation of farmers producers organizations, formation of Self- help groups (SHGs) in Development Block NIchar, District Kinnaur and Development Block Bhatyat, District Chamba, UPNRM (Umbrella Natural Resources Management programme) funded by NABARD were successfully implemented on given timelines.

 The HARP was made one of the members of the State Level Consultative Committee of "Produce" constituted by the National Bank for Agriculture & Rural Development (NABARD) on 22-05-2015.

#### **Publications**

HARP published the following technical bulletins for the distribution to the farmers during training programmes:-

- 1. विदेशी सब्जियां
- 2. सेब के बगीचों का प्रबन्धन गतिविधियों की समय सारिणी

# **Projects**

 During 2015-16, the HARP received only one extended project of FPO formation programme from NABARD who sanctioned the phase II of the project FPO formation on 24-02-2016. The total cost including phase I was Rs 9.06 lakhs per FPO.

# **Financials**

#### Expenditure and Income for the year ended 31/03/2016

Expenditure	Amounts	Income	Amounts	
Cost of Apple Plants	2,133,792.00	Direct Income		2,424,873.00
Audit Fee	13,000.00	Organic Vegetable Sale	22,69,080.00	
Accounting Charges	6,000.00	Grocery Sale	155,793.00	
Bank Charges	1,450.92	Indirect Income		151,168.00
Cost of BIO KHAD purchased	262,000.00	Bank Interest	91,168.00	
Cost of Fertilizer Purchased	493,685.00	Donation	10,000.00	
Electricity Bill	149.00	Consultancy Fee	50,000.00	
Farmer Exposure	137,957.00	Grant in Aid		5,484,235.00
Cost of Pea Seed	43,565.00	NABARD Receipt	4,558,235.00	
Honorarium	306,456.00	DRDA Solan	526,000.00	
Depreciation	1,246.05	OF Project Ganog	400,000.00	
Packing Exp.	43,250.00	By Excess of Expenditure	Over Income	5,41,957.97
Office Exp.	56,738.00			
Salary	908,779.00			
T.A/D.A	130,433.00			
Cost of HDPE pipe	783,959.00			
Office Rent	127,200.00			
Purchased of Vegetable	1,530,128.00			
Labor charges	610,067.00			
Transportation	199,440.00			
Material (Irrigation)	267,870.00			
Certification Fee	170,000.00			
Women Dev & Health Exp.	15,150.00			
Stationery Exp.	36,108.00			
Organic Framing	77,000.00			
Development Exp.				
Repair & Maintains	26,000.00			
Training of Material	54,300.00			
Cost of Buckets	55,600.00			
DDM camp Org. Exp.	10,975.00			
Training	99,936.00			
Total	8,602,233.97	Total	8	3,602,233.97

Sd/-

ANIL K. SOOD & CO. CHARTERED ACCOUNTANT

# Balance Sheet as on dated 31/03/2016

Liabilities	Amounts		Assets	Amounts	
Capital Account		1,59,12730	Fixed Assets		11,214.45
Corpus Fund	1,59,127.30		Furniture &	12,460.50	
Reserve & Surplus		33,80,773.41	Fixture	(1,246.05)	
Opening Balance			Less: Dep.		
Less: Excess of	39,22,731.38		<b>Current Assets</b>		578,051.00
Expenditure			Loans & Advances	501,375.00	
during the year	(5,41,957.97)		TDS	24,588.00	
<b>Current Liabilities</b>		4,80,003.22	Self Help Group	52,088.00	
Loan from	1,48,385.22				
NABARD			Closing Balance		3,450,638.48
Loan Raised From			Bank Accounts	15,273.82	3, 130,000 10
Satya jeet	3,00,000.00		UPNRM	13,273.02	
Audit Fee Payable	31,618.00		Bank A/c TDF (W)	2,666,545.24	
Loans (Liability)		20,000.00	Bank A/c Organic	10,657.92	
Unsecured Loans	20,000.00		Farming		
			Bank A/c TDF (M)	758,161.50	
Total 40,39,903.93		Total		40,39,903.93	

Sd/-

ANIL K. SOOD & CO.
CHARTERED ACCOUNTANT

#### **Media Reports**

#### मंडियां दी धार गांव में जैविक कृषि प्रशिक्षण शिविर आयोजित

सिहुंता, 2 दिसम्बर (सुभाष): राष्ट्रीय जैविक खेती कार्यक्रम के तहत भटियात की . कथेट पंचायत की मंडियां दी घार नामक गांव में एकदिवसीय जैविक कृषि से संबंधित प्रशिक्षण का आयोजन हिल एग्रीकल्चर एंड रूरल गया, जिसमें कृषि विभाग के अधिकारी व स्थानीय सामूहिक चित्र में। जैविक खेती किसान सोसायटी हाथीधार के आर एस रत्नने बताया कि हाथीधार के किसानों खादों व दवाइयों आदि का त्याग करके जैविक



डिवैल्पमेंट प्रमोशन सोसायटो शिमला द्वारा किया सिहुंता : भटियात की हाथीधार जैविक खेती समिति के सदस्य प्रशिक्षण के उपरांत

श्रीविक खेती किसान सीसायटी हाथीधार के आर.एस. रतने बताया कि हाथीधार के किसानों खादों व दुवाइयों आदि का त्याग करके जैविक बताते हुए कहा कि स्थानीय किसान बीजी सहस्य उपस्थित रहें।जैविक खेती किसान समिति को जैविक खेती के लिए प्रेरित करके इस क्षेत्र वर्तरक का शत-प्रतिशत उपयोग करके खेती अपने ही तैयार कर ताकि कहीं से भी रासाय हाथीधार के उपस्थित किसानों को संबोधित को पूरी तरह से ससावन मुक्त खेती के लिए कर रहे हैं, जिससे अब इस सोसाबटी के तहत इन खेतों तक न पहुंच सके। इस अवसार पर करते हुए कृषि विभाग से सेवानिवृत्त सहायक मार्च, 2016 तक प्रमाण पत्र हासिल होगा। उन्होंने अधिकृत भू-भाग में जैविक अनाज पैदा हो रहा किसानों को जैविक खाद का छिड़कीव करने जिदेशक एवं हिल एग्रीकल्पर एंड रूरल बताया कि हाथीधार जैविक खोती किसान समिति है। उन्होंने बताया कि सरकार की अधिकृत के लिए बाल्टियां व जैविक खाद के बैग भी डिवेल्पमेंट प्रमोशन, सोसायटी के अध्यक्ष डा. के 131 किसान सदस्य पिछले 3 वर्षों से रासायनिक एजेंसी शीघ्र ही हाथीधार क्षेत्र का दौरा करेगी। नि:शल्क वितरित किए।

हिमाचल में हाथीधार सोसायटी इस विशेष प्रमाण पत्र को हासिल करने वाले समृह में शामिल होगा, जिसमें किसानों की सहभागिता व योगदान महत्वपूर्ण रहा है।

इस दौरान कृषि विभाग चुवाड़ी के विषय बाद विशेषज्ञ डी.के. अवस्थी ने जैविक खेती के इस अभियान में भटियात का नाम अग्रसर श्रेणी में लाने के लिए हाथीधार के किसानों के पिछले 3 वर्षों के संघर्ष व आगामी लक्ष्य पर प्रकाश डालते हुए विभिन्न विधियों बारे बताया और साथ ही जैविक खाद बनाने के नए नुंस्हे