

# ANNUAL REPORT 2018-19



**National Centre for Human Settlements and Environment**  
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## 1. Introduction

National Centre for Human Settlements and Environment (NCHSE), a non-government organization, was established by Late Dr M.N. Buch in 1984 with the objective of facilitating participatory sustainable development of human settlements and its people with special focus on the weaker sections of society in order to promote rapid social mobilization and significant economic development.

In its formative years, NCHSE has carried out research and monitoring and evaluation of projects countrywide to facilitate improvement in the socio-economic and cultural profile of the people, both in urban and rural areas. Later it expanded its domain of activities with emphasis on project implementation, IT and GIS application and consumer advocacy, focusing mainly in the State of Madhya Pradesh to achieve its mission of rapid social mobilization and significant economic development of the community through its flagship programme of Watershed development.

Various International Organisations like Ford Foundation, UNICEF, UN-HABITAT, DANIDA, ICCO, ILO, Telford Challenge, CASA, UNDP, World Bank, DFID, etc. domestic agencies like Govt. of India, Govt. of Madhya Pradesh, Planning Commission, CAPART, NABARD, HUDCO and Corporate Sectors such as ITC, GAIL, etc. provided extensive support in the implementation of projects to meet the mission objectives of the organisation.

It won the UNEP International Award in 1995 for outstanding achievement in watershed development works. Its achievements have been recognized by other agencies as well, the list of such awards is presented at Annexure-1.

NCHSE is guided by the Governing Body and Governing Council (GC) comprised of subject matter specialists. The list of members of GC is at Annexure -2. It provides advisory support to the Chairperson who is the chief functionary of the organization. Director General is the Chief Executive of the organization and is responsible for the overall supervision of the affairs of the organisation under the guidance of the Chairperson.

## 2. Registration Details

**Registration:** Registered under M. P. Societies Registration Act, 1973, Registration No.13784, dated 19th June, 1984.

**PAN :** AAATN2922N

**TAN :** BPLN00396E

**GST No.** GSTN-23AAATN2922N1ZK

**FCRA Registration Number** – 063160035

**80 G & 12 A** – NCHSE is registered with the Income Tax Department as a Trust/ Society under Section 12 A (a) and exempted under Section 80-G (5)(vi) regarding donations made to the Centre.

### **3. Major Activities**

NCHSE has completed over 325 projects in the areas of research, survey, planning, implementation, monitoring, evaluation, GIS mapping, software development, training & capacity building, consumer protection, etc. during last 34 years. Over the years the activities of the organisation has expanded with added focus on Natural Resource Management, Sustainable Development, consumer protection and capacity building of farmers in water conservation and improved agricultural practices and GIS application of urban youth. Its operation now expanded to neighboring state of Rajasthan.

NCHSE is implementing its programmes and a project through it's headquarter in Bhopal and field offices located in 10 districts of Madhya Pradesh, viz. Ashoknagar, Chhindwara, Damoh, Dhar, Gwalior, Hoshangabad, Mandsaur, Rewa, Sehore, Ujjain and Vidisha, and in Kota District of Rajasthan.

Activities during 2018-19 mainly covers under the following sectors:

- Watershed Development;
- Promotion of Improved Agricultural practices;
- Promotion of Climate Smart Community;
- Livelihood Promotion for the poor;
- GIS Application;
- Prevention of HIV / AIDS
- Consumer Protection: Advocacy and Capacity Building
- Urban Governance

This Annual Report presents a glimpse of the organizations' major achievements during 2018-19.

#### **3.1 Integrated Watershed Development:**

Watershed development programme, throughout the country, particularly in Madhya Pradesh, has been considered to provide solution to the increasing environmental crisis arising out of depletion of forest cover, inadequacy of fuel and fodder, reduction of underground water level, loss of moisture and nutrients as a result of rainwater runoff, soil erosion, non-suitability of vast stretch of land for agriculture, especially in the areas bereft of irrigation or experiencing scanty or irregular rainfall, breaking of rural communities etc.

NCHSE has developed special expertise in implementing holistically designed watershed development and management projects at Mili and Micro levels that have transformed water regimes of whole villages which chronically suffered due to acute water shortage. Implementation of these projects in such areas have raised ground water levels leading to increased irrigation to the fields and enhanced crop production, higher fuel and fodder availability, promoted animal husbandry, and virtually stopped seasonal migration from the distressed villages.

NCHSE initiated implementation of watershed management programme in the year 1994 in Ranapur block of Jhabua district with United Nations Environmental Programme (UNEP) supported project on "Environmental Soil Degradation Control". NCHSE has expanded its activities related to implementation of watershed development/management projects with financial support from Rajiv Gandhi Watershed Mission (RGM), CASA, CAPART, WFP and ITC in the districts of Dhar, Jhabua, Hoshangabad, Mandsaur, Sehore, Ujjain

and Vidisha. So far, NCHSE has covered more than one Lakh ha. area under watershed programmes spread over 11 districts of Madhya Pradesh.

### **3.1.1: Ongoing Activities:**

Watershed development activities were under implementation in 5 districts of Madhya Pradesh, viz. Chhindwara, Dhar, Mandasaur, Sehore and Vidisha, and Kota district of Rajasthan, where rain fed/ground water based agriculture is the means of livelihood of the people.

The Integrated Watershed Management Programme (IWMP) in Dhar District is being implemented with support from Panchayat and Rural Development Department, Govt. of Madhya Pradesh, whereas the project in Sehore is being implemented in partnership with ITC and Panchayat and Rural Development Department, Govt. of Madhya Pradesh under Public Private Partnership (PPP) mode. The projects in the districts of Chhindwara, Vidisha and Kota are being supported by ITC alone having focused on integrated and sustainable development of project areas.

While the main objectives of IWMP being supported by Government are to augment irrigation water through rain water harvesting, control soil erosion and promote livelihood activities for the poor, ITC supported projects have a wider approach and include:

- Assist farmers to adopt sustainable agricultural practices through Farm School Model and establishment of Custom Hiring Centers ( CHC);
- Assist in formation of Farmer Interest Group and build their capacities for sustainable agriculture;
- Assist individual farmers through appropriate soil and water conservation measures to augment water availability for agriculture and thereby improving agricultural productivity and income of farmers;
- Encourage female members of the family to save money collectively and take up income generating activities;
- Improve economical and social status of women SHGs through establishment of CHC centre;
- Provide support to landless/poor families to establish Nutrition Gardens to ensure availability of balanced diet for them; and
- Facilitate conservation of biodiversity and development of climate smart villages.
- Livelihood promotion through financial literacy programme

### **3.1.2 Projects under Implementation :**

- i) Dhar District (IWMP IV in Tirla Block):** The Project is being implemented in 25 villages under 11 micro watersheds of Tirla Block of Dhar District since 2012-13. So far, an area of 3,914 ha has been treated for soil and water conservation and an area of 196 ha has brought under irrigation benefitting 364 farmers.
- ii) Mandasaur District (IWMP II Malhargarh block):** The implantation of IWMP(II) was stated in the year 2011-12 in partnership with State Government and ITC under PPP mode. Malhargarh Block being one of the water deficit areas with subsistence agricultural practices was selected to improve the livelihood of the people through watershed development approach and improved agricultural practices. The project area covers 6 micro

watersheds across 12 villages covering over 4,700 ha. area of Malhargarh block of Mandsaur district. Major activities of watershed development as envisaged under state government support were completed in the year 2017-18. So far, an area of 550 ha has been treated for soil and water conservation and an area of 306 ha has been brought under irrigation benefitting 250 farmers. The project now focuses mainly on capacity building of farmers/user to promote improved agricultural practices and thus sustainability of the project.

- iii) Sehore District (IWMP VIII in Sehore Block):** The project titled "Integrated Development of Natural Resources through Watershed Management and Improved Sustainable Agricultural Practices" is being implemented in 11 villages, viz. Dhabla, Kishanpura, Kulanskhurd, Kulanskalan, Sikandarganj, Barbakhedi, Khedli, Chainpura, Napli, Hirapur and Alampura in Sehore block since 2014-15. The area forms a part of the drainage basin of the Kolan River. When the project was started only 45% of the area was irrigated, mainly by ground water extraction. So far, an area of 946 ha has been treated for soil and water conservation and an area of 340 ha has brought under irrigation benefitting 416 farmers.
- iv) Sehore District (IWMP IX in Sehore & Ichhawar Blocks):** Integrated Watershed Management Programme is being implemented in 13 villages under 8 gram panchayats namely Sohankheda, Muada, Semli jadid, Bawadiyano Nawabad, Eintkheda, Shikarpur, Emlikheda and Dhamankheda of Ichhawar and Sehore blocks of Sehore district. Agriculture in the area is either entirely dependent on rains or ground water based irrigation. Nearly three fourth of the cultivated land is irrigated and one fifth land are un-irrigated. Therefore the area faces additional problems of ground water depletion and soil erosion. Accordingly water and soil conservation measures on watershed basis and sustainable agricultural practices and livelihood improvement programmes are being implemented under the programme since 2017-18. So far, an area of 268 ha has been treated for soil and water conservation and an area of 124 ha has brought under irrigation benefitting 231 farmers.
- v) Vidisha District (Gyaraspur Block):** The project titled "Integrated Development of Natural Resources and Improved Sustainable Agricultural Practices" is being implemented in 14 villages of Gyaraspur block of Vidisha district since 1st October, 2015. So far, an area of 2600 ha has been treated for soil and water conservation and an area of 619 ha has been brought under irrigation benefitting 386 farmers.
- vi) Chhindwara District (Tehsil--Chand) :** Implementation of the project titled "Sustainable Agriculture Through Wasteland Development Programme" was started during the year 2017-18 after an agreement among NABARD , ITC Mission Sunhara Kal and NCHSE executed with both NABARD and ITC agreed to provide financial support to NCHSE to implement the project. The project inter alia aims at providing support to the tribal population in the area through water conservation programme, improving agricultural productivity of the land and in restoring ecological balance and overall environmental improvement. So far, an area of 36 ha has been treated for soil and moisture conservation through creation of Water Absorption Trench (313.70 Cum), Farm Bunding (3417.08 Cum) and construction of 8 Loose Boulders Structures (LBS). Under Sustainable Agriculture Practices, 56 ha area were brought under BBF /Other technique benefitting 51 farmers.

- vii) **Kota District of Rajasthan (Digod, Ladpura and Sangod blocks):** The Project titled "Sustainable Agriculture Practices through Farmer Field School Model in Digod, Ladpura and Sangod blocks of Kota district of Rajasthan is being implemented since 1st October, 2014. It covers an area of 12951 ha. in 26 villages. It aims to bring about a catalytic change in the livelihood of farmers, especially poor and marginal, through capacity building of farmers for increasing agricultural production, and improving water availability for irrigation during the dry season and providing technology and equipments. So far, an area of 321. ha has been treated for soil and water conservation and an area of 83 ha has been brought under irrigation benefitting 182 farmers.

### 3.1.3 Watershed Development (2018-19) :

Watershed development works completed the ongoing projects are presented at Table 1, 2 & 3.

**Table 1: Catchment Area Treatment activities completed during 2018-19**

District	Area treatment (ha)		Beneficiary/Farmer	
	During 2018-19	Since inception	During 2018-19	Since inception
Chhindwara	36	36	13	13
Mandsaur	0	550	0	250
Dhar	870	3,914	112	364
Sehore (IWMP-8)	516	946	207	510
Sehore (IWMP-9)	268	268	165	165
Vidisha	460	2,600	94	593
Kota	321	2,166	112	529
<b>Total</b>	<b>2471</b>	<b>10,480</b>	<b>703</b>	<b>2424</b>

**Table 2: District wise water storage and irrigation potential created since inception**

District	Storage capacity (M <sup>3</sup> )	Irrigation potential created (ha)	Beneficiary/Farmer
Dhar	2,94,027		364
Sehore (IWMP-8)	1,72,973	340	152
Sehore (IWMP-9)	61,812	124	66
Vidisha	2,67,331	619	386
Kota	41,165	83	70
<b>Total</b>	<b>8,37,308</b>	<b>1362</b>	<b>1038</b>



**Gabion at Tirla**

**Farm Bunding for Catchment Area Treatment in Khutiyakhedi Village, Sehore District**



Latitude: 23°2'27"  
Longitude: 77°9'47"  
Elevation: 493.29m  
Accuracy: 3.2m  
Time: 13-06-2019 14:46  
Note: Field bunding Khutiyakhedi

Powered by NoteCam



**Earthen Dam Village Gundai Storage  
Capacity 2600 cum**



**Stop Dam at Muada, Sehore District**

**Table 3: District wise water conservation activities completed during 2018-19**

District	Stop dam (Number)	Check dam (Number)	Earthen Dam (Number)	Irrigation Tank (Number)	Farm Pond (Number)	Pond cum Well (Number)	Storage capacity (M3)	Irrigation potential (ha)	Beneficiary /Farmer
Dhar	0	13	0	0	0	0	113709	75.8	112
Sehore (IWMP-8)	0	7	0	0	3	2	57342	109	66
Sehore (IWMP-9)	2	4	3	0	1	0	61812	124	66
Vidisha	3	0	1	0	15	0	47600	95	45
Kota	3	6	0	4	0	0	41165	83	70
<b>Total</b>	<b>8</b>	<b>30</b>	<b>4</b>	<b>4</b>	<b>19</b>	<b>2</b>	<b>321628</b>	<b>486.8</b>	<b>359</b>

**Table 4: Sustainable agricultural practices undertaken in various districts during 2018-19**

Activity	Chhindwara	Sehore (IWMP-VIII)	Sehore (IWMP-XI)	Vidisha	Kota
Demonstration plot (ha)	0	357	229	10	220
Seed replacement (ha)	0	53.3	16.7	324	36
BBF (Wheat & Soybean) (ha)	56	196	48	886	3309
Zero Tillage (ha)	0	8	0	71	78
Direct Seeded Rice cultivation	0	0	0	0	186
Micro irrigation (ha)	0	32	4	324	480
<b>Total</b>	<b>56</b>	<b>646.3</b>	<b>297.7</b>	<b>1,615</b>	<b>4309</b>



**Zero Tillage method of sowing of Wheat**



**BBF Sowing**



**Solar pump Chainpura, Sehore District**

### 3.1.4 Climate Smart Sustainable Agricultural Practices (2018-19) :

The programme aims to make the agriculture sustainable through adoption of technologies and practices that are environment friendly and appropriate to the changing climatic conditions. It aims to tackle three main objectives: sustainably increasing agricultural productivity and incomes; adapting and building resilience to climate change; and reducing and/or removing greenhouse gas emissions, where possible.

The programme include introduction of new /appropriate technologies like Broad Band Furrow (BBF), zero tillage, introduction of new seeds to replace the less productive or less suited to the changing environment, environment friendly inputs, micro irrigation system to improve water use efficiency, etc and being implemented with participation of farmers of Farmer Field Schools (FFS) constituted in project villages. Capacities of the farmers are being enhanced through training and exposure visits to Agricultural Research Institutions and relevant organisations to have a first hand information about the new / latest techniques/ practices. Farmers also get weather alert though mobile linkage under this initiative. Technological interventions under the projects are presented in the Table 4.

### 3.1.4 Conservation of Biodiversity

Plantation of local tree species on farmers field and on community land are being done each year with community participation for the conservation of biodiversity in the area. The pasture/common land development in 3 Villages viz. Dhoti, Khushalipura and Ramnagar in Kota District is a stand out example of community asset management and biodiversity conservation with community participation. Plantation/ pasture development work during 2018-19 are presented at Table 5.

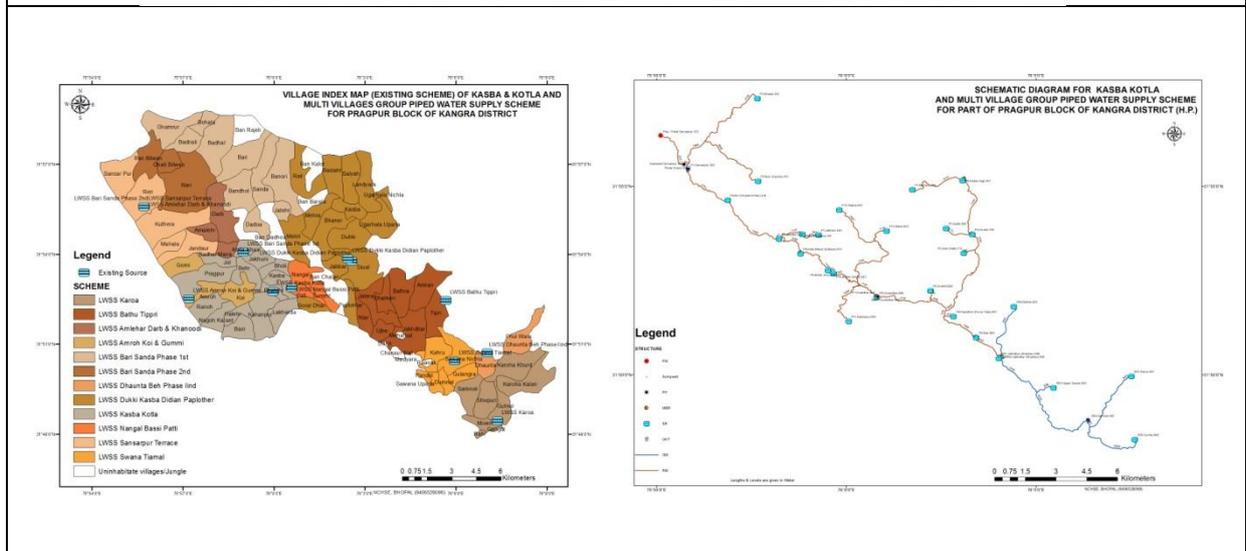
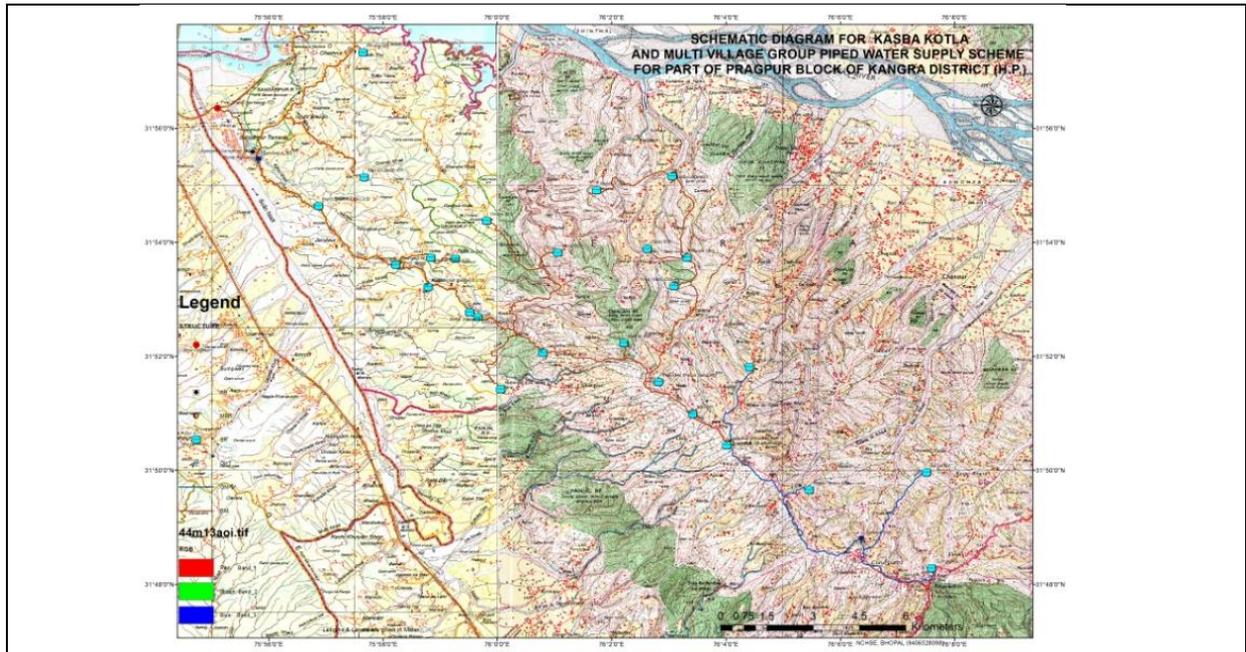
**Table 5: Plantation for Biodiversity Conservation**

District	Number of Species (2018-19)	Saplings planted (Number) ( 2018-19)	Area covered (Ha)	
			2018-19	Since inception
Mandsaur	0	0	0	50
Sehore (IWMP-8)	4	40,300	5	81
Sehore (IWMP-9)	3	5,400	4.77	4.77
Vidisha	10	13,000	2	4
Kota	9	3,300	16	66
<b>Total</b>	<b>26</b>	<b>62,000</b>	<b>27.77</b>	<b>205.77</b>

### 3.2 Application of GIS and Remote Sensing

NCHSE has a computer laboratory equipped to undertake GIS and Remote Sensing technique based assignments. The centre is constantly engaged in carrying out GIS mapping for implementation projects especially related to watershed management, agricultural sustainability, etc. GIS techniques have been used in preparation of thematic maps like Base map, Drainage and Contours, Land use/ Land cover, Irrigation, Cropping pattern, Soil type, ownership, Slope classification, and Action plan map. In fact, GIS and Remote Sensing have immensely helped in appropriate planning, monitoring, documentation, impact assessment and analysis.

NCHSE is also providing GIS and Remote Sensing Applications support to other organizations (NGOs, Govt. departments, corporate sectors, technical



**Multi Village Rural Drinking Water Supply scheme in Himachal Pradesh**

institutions, etc.) in implementation of their projects. During the year it provided technical support for the following projects:

- i. Mapping of water harvesting structures, their catchment and Command Areas in Madhya Pradesh:

The services for mapping locations of each water harvesting structures, their catchment and command area with GPS coordinates and linking them with cost and beneficiary for all ITC supported projects were provided.

- ii. Development and Application of GIS App and Web GIS portal in Various states in India:

NCHSE has developed MSK GIS APP and Web GIS portal for ITC to locate, monitor and update its activities being supported in different states in India. GIS Software developed provides a centralized database repository system to fetch and store the data including Geographical reference. Software also has many significant features like online

powerful analysis, search, Geo-tagging with data, query and easy access to data along with digital maps over virtual data. It helps in generating analytical reports for monitoring purposes with project summary. This App has the capacity to work on both online as well as offline mode. This App and the portal are being used for monitoring all ITC supported watershed projects in India.

*iii. Planning Real Time Multi Village Rural Drinking Water Supply scheme in Himachal Pradesh:*

NCHSE provided services for the preparation of GIS Maps through Real Time planning for Multi Village Rural Drinking Water Supply for various Group Water Supply schemes in Indora, Kangra, Rait, Bhawarna, Sulah, Nurpur, Fatehpur, Nagrota Surian of Kangra District, Dharampur, Seraj, Sundarnagar block of Mandi District, and Nahan Block of Sirmaur District being implemented by the Public Health Department (IPHD), Himachal Pradesh. High resolution satellite imageries as available from Google Earth were used for developing maps for planning of real time multi village rural drinking water supply. The field staffs of IPHD provided the coordinates with the help of GPS under guidance of NCHSE team.

*iv. GIS Training :*

NCHSE regularly conducted a forty five day long training programme on GIS Application & Operations. The objective of the programme is to enable the participants to apply GIS techniques in many different ways to project planning, implementation, monitoring and impact assessment.

During 2018-19, 3 training programmes were organized in which 42 persons participated.

### **3.3 Transformation of Agriculture Sector of Aspirational Districts in Madhya Pradesh:**

*Background:* ITC has collaborated with NITI Aayog as technical partner to improve status of agriculture and allied sectors in 27 Aspirational districts spread over eight states of India. The Programme in Madhya Pradesh is being implemented by National Centre for Human Settlements & Environment.

*Objectives:* The aim of the project is to develop capacities of block level government extension officials of Vidisha and Damoh districts as Master Trainers in - domain knowledge and training techniques in the area of - standard package of practices for agriculture and livestock development and Government scheme realisation and through them build capacities of village level department personnel and farmers with a cascade approach. The master trainers will in turn train Gram Panchayat/Village level department staff, referred to as Village Resource Persons (VRP), so that they can train farmers effectively.

*Training Module Development:* VIKSAT (Ahmadabad based organisation) as the training partner has developed training module for standardize package of practices (PoP) on wheat and gram crop which was further discussed with Agricultural scientists from Universities, Krishi Vigyan Kendra (KVK) and Agriculture Department officials of Madhya Pradesh, Rajasthan, Utter Pradesh and Maharashtra at a workshop in IIFM Bhopal organised during 30-31 August 2018.

*Agriculture Practices and Farm Economics survey:* Brief India Pvt. Ltd., conducted agriculture practices and farm economics survey in Vidisha and Damoh districts to understanding the socio-economic and demographic context of the rural farming communities. Productivity of major crops, cost cultivation, cropping intensity and availability of crop insurance coverage among the rural agricultural communities, current productivity of milch animals, practices followed and service providers for such practices. Identifying the awareness level of the farmers about agriculture and related government schemes. All these survey reports were submitted to District Collectors.

*Capacity Building Programmes:* During the year training programmes and exposure visits were organised to help farmers to adopt appropriate PoP of various crops suitable for the area. The list of such programmes and the beneficiaries are provided at Table 6.

**Table 6: Training & capacity building programmes for different target groups during 2018-19**

Activity	Subject	Target Group	No of training Programme	Number of Beneficiary
Krishi Kalayan Abhiyan	Different Government schemes. Construction of NADEP, PoP on wheat	Farmers	Continuous process of information dissemination	6,136
Master Trainer Training	PoP on wheat and Soybean	Block level officers of Agriculture department	02	36
VRP Training		RAEO	02	141
Farmers Training		Farmers	968	9,122
Training of FFS Farmers		Farmers	50	1,250

### 3.4 Financial Literacy and Capacity Building Programme in Madhya Pradesh:

ITC Limited and Madhya Pradesh State Rural Livelihoods Mission (MPSRLM) entered into an agreement for the implementation of a dedicated “Financial Literacy Programme” in 43 identified Districts of Madhya Pradesh.

The objective of this partnership is to strengthen the implementation capability of the MPSRLM through technical assistance from ITC and CRISIL and implementation support from NCHSE. The key principle behind this arrangement is to create an ‘enabling environment’ for sustaining good financial habits and practices within women SHGs and enhance the capability of human resource mainly the CRPs (Community Resource Persons). All the new, revived and pre NRLM SHGs which are currently under MPSRLM are being covered under this Project. CRISIL being the knowledge partner provides training for the Super Trainer and Master Trainers selected by the MPSRLM. NCHSE provide support with respect to coordination with concerned agencies, imparting training of Trainers, SHGs/VRPs and project monitoring.

**Table 7: Training & capacity building programmes on financial literacy organised for different target groups during 2018-19**

Parameter	UOM	Achievement (2018-19)
Districts Covered	NO	09
Blocks Covered	NO	83
Villages Covered	NO	765
Super trainer Developed	NO	446
Master Trainer Developed	NO	735
SHGs Covered	NO	6,588
SHG Members Covered	NO	62,197
Individual bank accounts for Women opened	NO	47,031
Women covered through insurance (PMSBY/PMJJY/Other)	NO	26,486
Women covered through Saving/Investment (RD/FD/SSY/PPF)	NO	2,478
Women HH who covered under Pension schemes (APY/NPS)	NO	1,015

### 3.5 Initiatives towards Socio-economic Transformation of Rural Women:

NCHSE is continuously promoting Socio-economic transformation of rural women through facilitation of formation of SHGs and their capacity building. This is a common feature of its all implementation projects related to watershed development, Livelihood Promotion, Agricultural Sustainability, specially focused projects for women empowerment, etc.

#### ***i. Empowerment of Women in Hoshangabad district with NABARD support:***

NCHSE has long association with NABARD in implementation of projects on economic empowerment of women. It has completed formation and capacity building of 500 SHGs in the 4 blocks namely Babai, Sohagpur, Piparia and Bankhedi of Hoshangabad district. At present it is working with all these 500 SHGs but in two 2 groups, each of 250 SHGs.

- a. Group A: NCHSE supported these SHGs in opening savings Bank accounts in various branches of about 30 regional and nationalized banks of the region. These SHGs have savings of Rs 27.21 Lakh, of which Rs 10.04 Lakh is being used through internal transaction among the members of the groups. All 250 groups have been linked to credit with banks. NABFINS/Banks have sanctioned a total of Rs. 187.81 lakhs as loan to the members till July 31, 2018, of which Rs. 66.65 lakhs was repaid by the groups to NABFINS / Banks.
- b. Group B: The savings accounts of all 250 groups have been opened in 31 national and regional banks of the project area. So far, Rs 17.49 lakh has been saved by these groups. At present all 250 groups are doing internal transactions and internal loans of Rs 6.69 lakh have been distributed among the members of the groups. Credit linkage of 121 SHGs have been completed till March, 2019. Out of these, 2nd credit linkage of 17 groups has been done. A total of Rs. 153.64 lakh has been sanctioned as loan and more than 45 lakh loans have been returned to the banks by the groups.



SHG Women learned handicraft activity Village Manora Vidisha

**ii. Digitisation of SHGs in Vidisha District under NABARD supported E-shakti project**

NABARD sanctioned a new project for Digitisation of SHGs in Vidisha District in the year 2017-18. Under the project, trained Animators have been collecting, balancing, authenticating and feeding base/master data monthly about the 49 functional SHGs in the district through mobile App.

**iii. Empowerment of Women under ITC supported projects during 2018-19:**

- a. In Vidisha district, eight new SHGs were formed and 105 SHG members were trained on handicraft activity under RSETI (State Bank of India) Programme.
- b. In Sehore district, 32 new members joined SHGs. 75 members availed internal loans of Rs 3.04 lakh and 123 members availed external loans from Banks and other sources. Out of the total 481 members, 202 have started income generating activities.
- c. In Kota district, 123 new SHGs were formed and 1,496 new members joined them. Ninety four members availed internal loans of Rs 4.75 lakh and 409 members availed external loans of Rs 23.77 Lakhs from Banks and other sources. During the year 36 members have started income generating activities.

**3.6 Implementation of recharge shafts as an adaptation option and building capacity of officials of Water Resource Department as part of the pilot project on PGWM in Burhanpur and Ratlam Districts of Madhya Pradesh**

United Nations Development Programme (UNDP) in partnership with MoEFCC and Swiss Agency for Development and Cooperation (SDC) was implementing a project titled “Strengthening State Strategies for climate Actions” with an overall goal to integrate climate change actions into sub national planning, benefitting local communities in India. NCHSE implemented the pilot project, and completed following assignments in the Sangrampur village in Burhanpur Block of Burhanpur District and in Gudarkheda village in Piploda Block of Ratlam District:

- i. Validation and Identification of Points for Recharge Shaft

- ii. Conducted Slug Tests to assess suitability of construction of recharge shafts
- iii. Constructed two recharge shafts in each district
- iv. Organized capacity building workshops for the stakeholders for the implementation, maintenance and management of recharge shafts as a climate adaptation option.



**A Ground Water Recharge Shaft at Sangrapur Village, Burhanpur**

### **3.7 Targeted Intervention in Urban Areas of Ujjain District for the Prevention of HIV/ AIDS**

NCHSE is facilitating this project (TI) since October, 2008 for prevention of Human Immune Deficiency Virus/ Acquired Immune Deficiency Syndrome (HIV/AIDS) amongst female sex workers. The objective of this project is to ensure safe sexual practice among female sex workers through behavioral change communication for reduction of vulnerability of HIV infection.

During the year 2018-19, 681 Female Sex Workers (FSWs) were brought under targeted intervention by the organization. The project provided medical support to the target groups through Integrated Counseling and Testing Centre (ICTC), Ujjain

Like previous years, on the occasion of World AIDS day on 1<sup>st</sup> December 2018 awareness programme on prevention of AIDS were organized in various locations in Ujjain with participation of Police, Government Officers, Advocates, Medical Officers, Educational Institutions, other NGOs.

### **3.8 Consumer Protection Initiatives:**

#### **3.8.1 District Consumer Information Centre (DCIC):**

NCHSE being a Telecommunication Regulation Authority of India (TRAI) recognized Consumer Advocacy Group (CAG) for the State of Madhya Pradesh since 2011 is constantly helping consumers in resolving their issues with various telecom service providers through its District Consumer Information Centre established in 2001. The main functions of DCIC are –

- Proper guidance and counselling to aggrieved consumers;

- Protecting interests of the consumers and get them relief through initiating correspondence with the service providers, shops, dealers, etc.
- Registering the cases of consumers in the Consumer Redressal Forum and pursuing it with the competent authorities (apex bodies), if needed.
- Information dissemination and general awareness amongst the consumers about their rights and responsibilities.
- Organising Consumer Awareness programme from time to time.

NCHSE's association as a CAG member with Telecom Service Providers like Airtel, Reliance Communications, Tata Teleservices, Vodafone, Idea, Aircel, BSNL, Jio Reliance etc. has succeeded in getting prominence in resolving the issues of Telecom Consumers at several platforms. In fact, there is increasing awareness amongst consumers towards telecommunication services and about TRAI initiatives in this regard. These service providers are accelerating their efforts as a result of proactive role of TRAI.

On 15th March, 2019, District Consumer Information Centre participated in programmes organized by the Department of Food, Civil Supplies and Consumer Protection, Government of M.P., Bhopal. DCIC was awarded the State Level 3rd prize for its initiatives for consumer protection.

### **3.8.2 World Day of Remembrance 2018:**

On 19th November, 2018, NCHSE in partnership with Consumer Voice organized a workshop of Road Safety on the theme "Roads have Stories-Voices of Victims".

This day is dedicated to remembering the many millions killed or injured in road crashes and their families and communities, as well as to pay tribute to the dedicated emergency crews, police and medical professionals who daily deal with the traumatic aftermath of road death and injury.

Dr Pradip Nandi, Director General, NCHSE presented the important finding of the report "Road Accidents in India-2017" and views expressed by the relatives of few Road accident victims in India. These presentations highlighted the reasons of accidents, including the lack of safety features of cars manufactured in India. The documentary film titled "Aakhir Kab Tak" was also screened. The film stressed the importance of first aid to accident victims during the golden hour after the accidents.

During the discussion sessions, participants expressed their views and some of them narrated their own stories, which reflected the need for stronger law to prevent/reduce road accidents and enable prompt help for the victims. Participants also stressed the need for early passage of Motor Vehicle Amendment Bill.

### **3.8.3 Global Green Action Week 2018 Programme :**

In partnership with Consumer Unity & Trust Society (CUTS), NCHSE is implementing the Global Green Action Week programme since 2017. Considering the programme theme "Sharing Communities" NCHSE organized following activities in Bhopal during 24-25th October 2018:

### **i. Organic Food Festival (24th & 25th October 2018):**

A two day long Organic Food Festival was organized at NCHSE premises during 24th & 25th October 2018. The Programme was inaugurated by Dr G S Kaushal, Former Director, Agriculture, Government of Madhya Pradesh and Mr. A C Chandra, Former DG, Income Tax on 24th October. Producers of Organic food from Balaghat, Dewas, Khargone, Berasia, Hoshangabad and Bhopal participated and displayed their products. There was a good response from the citizens of Bhopal. Farmers and the representatives of producer companies present at the food festival had exchanged information and their products above 500 people visited this festival.



### **ii. Workshop on Sharing Communities:**

This event was organised on 24th October, 2018 at NCHSE premises. Dr G S Kaushal delivered a lecture on Kitchen gardening and with the help of a video explained how an urban dweller can grow vegetables at their roof top. Shri Suneel Awaskar talked about Help box Initiative and spoke on how one can contribute just by sharing unused articles or other resources with others who needs them most. In this occasion a book entitled “Sustainable Consumption Cultures, Practices & Lifestyles in India” based on a study by CUTS International was launched. About 40 persons attended this workshop.

### **3.9 Mahesh Buch Remembrance Lecture, 2018:**

On the occasion of first death anniversary of Late Shri Mahesh Nilkanth Buch, Shri Pradip Krishen, Environmentalist, Writer and Film Maker delivered a talk on “Bringing in The Jungle” on 6th June 2016. Shri Sopan Joshi, Environmentalist delivered the 2nd Mahesh Buch Remembrance Lecture



titled "Our Environment – Others Environment" on 6th June 2017.

Third Mahesh Buch Remembrance Lecture on “Inclusive and Sustainable Development in India: Challenges and Opportunities” was delivered by Dr. Aromar Revi, Director, Indian Institute of Human Settlements, Bangaluru 6<sup>th</sup> June, 2018. Prof. Nitin Raje, Prof of Architecture, CEPT University, Ahmadabad chaired the event and spoke on “Understanding Cities”.

### **3.10 Fourth Mahesh Buch Memorial Lecture, 2018:**

Mahesh Buch Memorial Lecture instituted by NCHSE in 2015 is being organized on 5<sup>th</sup> October, the birth day of Late Dr Mahesh Nilkanth Buch. Prof. Ashoke Chatterjee, an eminent Design expert, former Director, National Institute of Design (NID), Ahmadabad and former President, Crafts Council of India had delivered the first Lecture on ‘Design as tool for economic development in India’ in Bhopal on 5<sup>th</sup> October 2015. The Second Buch Memorial Lecture on “Understanding Black Money in India” was delivered by Dr. Y.V. Reddy, Former Governor of RBI on 5<sup>th</sup> October 2016. The Third Memorial lecture on “Challenges of Governance in India” was delivered by Sir Mark Tully, Former Chief of Bureau, BBC in India on 5<sup>th</sup> October 2017.

Fourth Lecture on **“Globalisation and its impact on Indian farmers”** was

delivered by Dr. Yoginder K Alagh, an eminent Agricultural Economist, the Chancellor of Central University Gujarat, and the former Union Minister of State (Independent Charge) for Planning and Programme Implementation, Science, Technology and Power, Member



Commission, Secretary to the Government of India, Chairman, Agricultural Prices Commission (APC) and Vice-Chancellor, Jawaharlal Nehru University on 5<sup>th</sup> October, 2018. Shri Pravesh Sharma, IAS (Retd) and CEO of Startups ‘Sabjiwala’ and ‘Kamatan’ chaired the session.

### **3.11. Environment Helpline: Citizen’s Engagement for Sustainable Urban Development**

In 2015, NCHSE and Friends of Environment Group has established NCHSE Environment Help line, a platform, where common citizen, especially youth could reach out for advice/help on urban developmental issues in Bhopal as well as in entire Madhya Pradesh and to enable them to raise the issues of public interest with the concerned authorities.

More than 300 persons ranging from senior bureaucrats, specialists on different discipline, institutions having mandate of environmental protection and conservation and general public of Bhopal are actively associated with the activities of Environment Helpline.

During 2018-19, Helpline continued its efforts to protect the interest of the citizens of Bhopal and time to time raised its voice against government proposals which are not environment friends and urged for finalization of Bhopal Development Plan on priority through stakeholders consultations. It pointed out that major projects like Metro rail, Smart city (Area based development), Cycle track and BRTS, etc. do not seem to be based on ground surveys and the needs of the people. BRTS and Cycle track have proved that public money is spent on fancy items and not based on citizen's needs and use. Citizen's participation have not been sought and where it is mandatory in law, the objections are not given proper attention. The projects are not put before the public and their participation is not ensured.

With formation of new Government, Environment Helpline deliberated upon and raised the following issues that affects the citizens of Bhopal to the Chief Minister for addressing the problems:

- i. Transferable Development Rights (TDR) Rules (2018) and Transit Oriented Development (TOD) policy: In response to Govt. notification, for M.P. Transferable Development Rights Rules 2018, objections and suggestions were presented during public hearing on 4<sup>th</sup> Sept. 2018.
- ii. Proposals for White Industries on PSP & Agriculture Land: objections were submitted in March, 2017 and in March, 2018 against these proposals citing various environmental impacts such industries might cause.
- iii. Regularizing nursing homes and hospitals built on plots designated for residential use: Objections raised against the proposal.
- iv. Encroachment of Upper Lake: objections raised and suggested to make the CEPT Report public.
- v. Cutting of trees: Raised objections against cutting of trees specially for development works under Smart City project, new MLA Rest House in Arera Hills, road widening etc. without compensatory plantation.

## Annexure -1

### Awards/Recognitions Conferred on NCHSE

1. **UNEP International Award (1995):** Conferred for outstanding contribution towards environmental and soil degradation control in Jhabua district of Madhya Pradesh.
2. **WES-UNICEF Best Digital Video Documentation Award:** for the work undertaken in Jhabua under UNICEF sponsored fluoride mitigation project.
3. Successful implementation of mili watershed in Kesla block of Hoshangabad district from 1998 to 2003 (CEO, Zilla Panchayat, Hoshangabad).
4. Satisfactory performance of Self Help Groups in Kesla block of Hoshangabad district from the year 2000-2006 (CEO, Zilla Panchayat, Hoshangabad).
5. For its excellent work in village Panchayat of Jhabua block of Jhabua district NCHSE received Nirmal Gram Puraskar under Total Sanitation Campaign, 2007-08 from Office of Commissioner, Indore on 23<sup>rd</sup> October, 2009.
6. NCHSE received State level Consumer Protection best award for the year 2012-13, from Food, Civil Supplies and Consumer Protection Department, Govt. of Madhya Pradesh on 15<sup>th</sup> March, 2012 on the eve of World Consumer Protection Day.
7. NCHSE got appreciation for its contribution for displaying HIV/AIDS information from 25<sup>th</sup> January, 2012 to 14<sup>th</sup> February, 2012 from MPSACS, Bhopal.
8. NCHSE received State level award for the Exhibition of Consumer Protection in the year 2012-13 from Food, Civil Supplies and Consumer Protection Department, Govt. of Madhya Pradesh 15<sup>th</sup> March, 2013 on the eve of World Consumer Protection Day.
9. The organisation received following recognitions as part of its creditable works in Ujjain district amongst HIV/AIDS Target Groups:
  - Appreciation Letter- Madhya Pradesh State AIDS Control Society, Bhopal;
  - Commendation Letter- R. D. Gardi Medical College, Ujjain.
  - Appreciation for exemplary contribution by Pathfinder – learning site NGO.
  - Certificate- Madhya Pradesh State AIDS Control Society, Bhopal- Training and Pathological Test.
10. NCHSE received First award at the State level of Consumer Protection in the year 2014-15, from Food, Civil Supplies and Consumer Protection Department, Govt. of Madhya Pradesh on 15<sup>th</sup> March, 2015.
11. District Consumer Information Centre (DCIC) was awarded the State Level 3rd prize for its initiatives for consumer protection on 15th March, 2019, DCIC participated in programmes organized by the Department of Food, Civil Supplies and Consumer Protection, Government of M.P., Bhopal.

**Annexure-2**  
**Governing Council of NCHSE**

S. No.	Name and Address of the Member	Designation
1.	<b>Mrs. Nirmala Buch</b> , E-4/17, Arera Colony, Bhopal. Email: <a href="mailto:nirmala.buch@gmail.com">nirmala.buch@gmail.com</a> Mob.: 9425014105, Tel: 2464803, 2467105	Chairperson
2.	<b>Shri R.C. Saxena</b> MIG-99, Kotra Sultanabad, Bhopal. Tel: 2766912	Vice-Chairman
3.	<b>Dr. Pradip Nandi</b> 24, Comfort Enclave, Bhopal -462039, Email: <a href="mailto:nandip1301@gmail.com">nandip1301@gmail.com</a> Mob.: 9425008936	Senior Fellow & Director General
4.	<b>Dr. V.D. Garde</b> E-5/11, Arera Colony, Bhopal. Email: <a href="mailto:vgarde@gmail.com">vgarde@gmail.com</a> ; Tel: 2466777.	Member
5.	<b>Shri R.R.S. Chauhan</b> 59, Chatrapati Shivaji Colony, Chunabatti, Bhopal. Tel: 2424093 / 98935 58893 Email: <a href="mailto:rrchauhan@gmail.com">rrchauhan@gmail.com</a>	Member
6.	<b>Dr. G.S.Kaushal</b> 75 A, Janki Nagar, Chuna Bhatti, Kolar Road, Bhopal. Email: <a href="mailto:kaushalgs43@gmail.com">kaushalgs43@gmail.com</a> Ph. No.: 2428154; Mob.: 9826057424	Member
7.	<b>Shri Suhas Kumar, IFS (Retd.)</b> HIG- 206, Bagmugalia Extn., Laharpur, Bhopal – 462043. Email: <a href="mailto:sukum48@rediffmail.com">sukum48@rediffmail.com</a> Mob: 9425303461	Member
8.	<b>Dr. Ajoy Bhattacharya, IFS (Retd.)</b> House No. 16, Aranya Enclave, Bagmugaliya, Bhopal. Email: <a href="mailto:ajoykb@gmail.com">ajoykb@gmail.com</a> Mob.: 9425014566	Member
9.	<b>Shri Ramesh Chandra</b> B-2, Chanakyapuri, Chunabatti, Bhopal. Mob. 94256 24191, Tel: 2424033 Email: <a href="mailto:mani_ramesh2k@hotmail.com">mani_ramesh2k@hotmail.com</a>	Director (DCIC)
10.	<b>Dr. Pratibha Rajgopal</b> P-18, Premium Bungalows, Akriti Ecocity, Bhopal. Mob. 9425600643 Email: <a href="mailto:pratibharajgopal@gmail.com">pratibharajgopal@gmail.com</a>	Member
11.	<b>Prof. Savita Raje</b> H.No. 3/17, MANIT Campus, Bhopal. Mob.: 9826242266, Email: <a href="mailto:savitaraje@manit.ac.in">savitaraje@manit.ac.in</a>	Member

S.No.	Name and Address of the Member	Designation
12	<b>Prof. Rekha Singhal</b> H.No. 426, Sarvadharm, B Sector, Kolar Road, Bhopal. Mob.: 9425303741 Email: <a href="mailto:rekha@iifm.ac.in">rekha@iifm.ac.in</a>	Member
13	<b>Dr. D. D. Banerjee</b> H.No. 307, C Sector, Shahpura, Bhopal. Email: <a href="mailto:devdas.ddbanerjee7@gmail.com">devdas.ddbanerjee7@gmail.com</a> Mob. 9425372276	Director (TI Project, Ujjain)