



Welcome

Jalyukt Shivar Abhiyan

**Rural Development and Water
Conservation Department**

साखळी सिमेंट नाला बांध



Jalyukt Shivar Abhiyan

Long Term measures to Mitigate drought



Necessity To Implement The Programme of JSA



- Nearly **82% area** of the state falls in **Rainfed Sector** and **52% area is Drought Prone**, Uncertain, insufficient and irregular rainfall pattern. Adversely affects Agriculture.
- Decrease in the Ground Water by almost **2 meters** and above in **188 Talukas** (2234 Villages) in the year 2014-15
- The Scarcity was declared in **23811 Villages in the year 2014-15 and in 15747 Villages in 2015-16.**
- Availability of water - **Major Challenge.**
- There is a need to **recharge ground water** and create **decentralized water bodies** to overcome the water scarcity problem in rain fed area of the state.
- Jalyukta Shivar Abhiyan is **Integration** and **Convergence** of the various schemes implemented by various departments and pulling the funds from all resources like Central and State Fund **MREGS / MLA / MP / District Planning Committee / NGO's / CSR / People's Participation** etc.
- Government Resolution containing detail instructions issued on 5th December, 2014.

Jalyukta Shivar Abhiyan – Aim & Objectives



- To arrest **maximum runoff** in the village area.
- To create **Decentralized Water Bodies**.
- To increase the **Groundwater Level** in Drought areas.
- To create **new structures** of water conservations
- **Rejuvenation** of the water storage capacity of various existing structures like Village Tank, Percolation Tank CNB through repairs and renovations
- To increase storage capacity of water bodies by **removing silt through People's Participations**.
- To sensitize the concept of **Water Budgeting**
- To encourage Tree Plantation
- To create awareness and encourage people for efficient use of water for farming

Flagship Programme of Government to make 5000 Villages Scarcity Free every year.

Jalyukta Shivar Abhiyan - Committees



- **Taluka level committee** under the chairmanship of Sub Divisional Officer (Prant)
- **District level committee** under the chairmanship of District Collector
- **District level monitoring and review committee** under the chairmanship of **Guardian Minister.**
- **Divisional level Co-ordination Committees** under the chairmanship of respective Divisional Commissioners

Jalyukt Shivar Abhiyan :- Public Awareness



- Gram Sabha / Meetings at Village
- To Arrange Morning Rallies, Essay Competition, Drawing Competition, Elocution Etc. For Creating Awareness among students
- Creation Of Awareness Through Electronic Media
- To Distribute Booklets, Leaflets Regarding Mission
- To Advertise Through Jingles
- Effective Use Of Publicity Media (Like Press, T.V.)



Jalyukta Shivar Abhiyan – Works to be Under taken



- Watershed Development Works like CCT/Deep CCT/Farm Ponds /Gabian/ CNB
- The Chain of Cement Nalla bandh with deepening and widening of Nalla
- Rejuvenation of old Water Bodies
- Repair, Renovation and Restoration of existing Minor Irrigation Water bodies like KT Weir / Storage Bandhara etc.
- Desilting of Water Conservation Structures like Percolation Tank, Village Tank, Storage Tanks, MM Tank, ENB etc.
- Connecting Water Streams to Nallas
- Repairs of Canal
- Recharging of open dug wells and tube wells
- Action Plan for Strengthening of Drinking Water resources
- Efficient use of available water
- Strengthening of Water Users Associations
- Action Plan for Optimum use of Irrigation Potential of existing Major and Medium projects.

Jalyukt Shivar Abhiyan- Fund Flow



Sr. No.	Activity Detail	Fund Flow	Implementing Agency
1	Compartment Banding, Graded Band, Farm Pond ENB, CCT	IWMP, MNREGA, NHM, State fund, TSP , OTSP, VIIDP, SCP	Agriculture
2	CNB/Nalla Deepning/Nalla Widning	CM Relief Fund, IWMP State Fund, DPDC, MP/MLA Fund, VIIDP, ZP CESS Fund, NGO's Fund, Co-Operative Sugar Factories, CSR and Other institutional Fund	Agriculture and Small Scale Irrigation (water Conservation)
3	Rejuvenation of Old Structures of Water Conservation	CM Relief Fund, State Fund, DPDC, ZP CESS Fund, NGO's Fund, Co-Operative Sugar Factories, CSR and Other institutional Fund, Machinery available in department, Mahatma Phule Jal bhumi Abhiyan, MNREGA, IWMP-EPA Fund.	Agriculture and Small Scale Irrigation (water Conservation)

Jalyukt Shivar Abhiyan- Fund Flow



Sr. No.	Activity Detail	Fund Flow	Implementing Agency
4	To Improve usage of existing Water Conservation Structure like KT Weir, Storage Bandhara.	State Fund , DPDC, ZP CESS Fund , NGO's Fund , Co-Operative Sugar Factories, Public Participation	Agriculture and Small Scale Irrigation (water Conservation)
5	Optimum use of Irrigation Potential of existing Major and Medium projects.	State Fund , DPDC, NGO's Fund, Co-Operative Sugar Factories, Public Participation	Water Resources Department
6	Connecting Nallas with Rivers Joining projects	State Fund	Water Resources Department
7	Desilting of Percolation Tank, Village Tank, Storage Tank, Shivkalin Tank, Britishkalin Tank, Nizamkalin Tank, ENB etc.	MNREGA, Public Participation, Co-Operative Sugar Factories, Mahatma Phule Jalbhumi Abhiyan,	Agriculture and Small Scale Irrigation (water Conservation), ZP
8	Strengthening of Drinking Water resources	ZP CESS Fund and DPDC, Central Fund	Water Supply Department, GSDA and ZP
9	Recharging of open dug wells and tube wells	MNREGA, Mahatma Phule Jalbhumi Abhiyan,	Agriculture and GSDA

Jalyukt Shivar Abhiyan- Fund Flow



Sr. No.	Activity Detail	Fund Flow	Implementing Agency
10	Efficient use of available waters and cropping pattern	National Micro Irrigation Mission, State Fund	Agriculture
11	Dryland Agriculture Farming Mission	State Fund	Agriculture
12	Strengthening of Water User Associations	State Fund, Public Participation	WRD/ WCD
13	Channel Repairing	MNREGA	WRD EGS
14	Public Awareness	IWMP, Mahatma Phule Jal Bhumi Abhiyan	Agriculture
15	Publicity	IWMP, Mahatma Phule Jal Bhumi Abhiyan	Agriculture

Criteria – Selection of Villages (Priority)



- IWMP Phase 1,2 &3 / RIDF/VIIDP/Gatiman Dryland agriculture farming mission / villages covered in 50% or more completed water sheds / + Current Year Scarcity declared village + **Tanker Fedded village+ over exploited village in water shed**
- IWMP Phase 1,2 &3 / RIDF/VIIDP/Gatiman Dryland agriculture farming mission / villages covered in 50% or more completed water sheds / + Current Year Scarcity Declared Village + **Tanker Fedded village**
- IWMP Phase 1,2 &3 / RIDF/VIIDP/Gatiman Dryland agriculture farming mission / villages covered in 50% or more completed water sheds / + Current Year Scarcity declared village
- IWMP Phase 1,2 &3 / RIDF/VIIDP/Gatiman Dryland agriculture farming mission / Villages covered in 50% or more completed water sheds / + Scarcity declared village for last five years + Tanker Fedded village+ over exploited village in water shed

Criteria – Selection of Villages (Priority)



- IWMP Phase 1,2 &3 / RIDF/VIIDP/Gatiman Dryland agriculture farming mission / Villages covered in 50% or more completed water sheds / + Minimum one year tanker fed village in last five year
- Water Shed Declared Village and a village where Scarcity was declared at least once in last five year
- Suicide prone villages and villages taking lead in people's participation
- Selection of village is very transparent. Collector's committee to select villages

Water Budgeting - Action Plan



- Village Action Plan, Water Budgeting is essential
- Requirement of water – For Drinking , For Animals and For Agriculture
- Shivar Visit by field officers / Villagers
- Average Rain, Runoff, Topography, Availability of Water
- Availability of Water in Existing Projects, Rejuvenation of old structures, Construction of new structures, Draft of village action plan.
- Revenue Officer and Agriculture Officer shall prepare the action plan of village/taluka and districts in following manner
 - a) Repairs and desiltation of existing structures - nature of works, their number and the fund requirement.
 - b) To complete incomplete existing schemes on priority basis – nature of works, their number and the fund requirement
 - c) To undertake new works - nature of works, their number and the fund requirement

Village Action plan - Approval of Gram Sabha

Salient Features of JalYukt Shivar Abhiyan



- The control of the Abhiyan is with District Collector – **Collector is captain of the Team.**
- Collector is Chair person of the District Level Committee – He is responsible for selection of villages, approval of the plan and implementation of the works.
- The **village plan** is based on **the water budget of the village** and the Gram Sabha is empowered to approve the plan.
- The Divisional Commissioner is Nodal Officer of the Division Level Committee.
- There is the **convergence of 14 schemes** related to Water Conservation.
- The Integrated Watershed Management Programme **IWMP** is Core Part Of The Abhiyan.



Provision of Funds



- **Central Govt. Fund, State Govt. Fund, DPDC Fund** are the main sources of the fund .
- Apart from regular DPDC Provision, **Rs. 1600 Cr special provision is made available for the programme which can be used by collectors for any work of JSA.** Also additional Rs. 400 Cr. will be made available in April, 2016.
- Under Rashtriya Krishi Vikas Yojana i.e. RKVY in 2014-15 **Rs.75.00 Cr** and in 2015-16 **Rs.40.00 Cr** grant was made available under Mahatma Phule Jalbhumi Abhiyan which is mainly used for providing **fuel for desilting and deepening/widening of nalas, Rejuvenation of old water bodies.**
- Integrated Watershed Management Programme is back bone and core part of the Jalyukt Shivar Abhiyan
- **5%** scarcity programme fund and **5%** of regular DPDC scheme fund is allowed to spent for JSA. Apart from this, **10% DPDC** regular scheme fund is allowed to spent for repair works in JSA. 3.5% Innovative Scheme fund is allowed to spent on JSA. Up to Rs.20.00 lakhs from MLA Local Development Fund is also allowed to spent on repair works as well as new works
- **Peoples contribution is also important and has contributed considerable amount by way of donations/shramdan.**
- Corporate Social Responsibility – **CSR** is also source of fund.



Quality and Transparency



- **Concurrent Evaluation** by Quality Control Monitors.
- **Third party Evaluation** after completion of works.
- **Digital GIS based photo uploading** – before starting of work, during work and after completion of work.
- **Approval of Gramsabha** to action plan of village and progress of work is reported to grampanchayat.
- Disbursement of the **final bill only after the approval of Gramsabha / G.P.**



Online Monitoring.....



- Information of village action plan, Baseline survey and Progress report of works all selected 6202 villages available/ monitored on SIMNIC Software.
- Digital Photos of works are uploaded through mobile Application with the help of MRSAC.



Co-ordination/Monitoring Cell



- **Co-ordination/Monitoring Cell** At Water Conservation Department Mantralaya, Scrutiny Of Reports and Onwards Submission To CMTO
- **Chief Minister Transformation Office (CMTO)** Monitoring Periodical Review Of Programme. Action at DMO (Delivering Management Office)
- DMO In Water Conservation Department And Other Departments. DMO Shall Be Responsible For Study Of Reports Received From CMTO. DMO shall obtain Remarks Of Various Departments And Submit Revised Report To CMTO
- **Transformation Committee** Under The **Honorable Chief Minister** for policy decisions
- **High Power Committee** under the chairman ship of Honorable **Chief Secretary** to review the work and empower to take all decisions regarding JSA.

Jalyukt Shivar Abhiyan : Outcome / End Results



- Increase in Water Storage Capacity
- Recharge of Ground Water Level
- Increase under protective Irrigation Area
- Increase in Cropping intensity
- Increase in the Horticulture Area
- Increase in the Agriculture Produce and productivity
- Increase in Fodder Production
- Increase in area under Soil Moisture Security
- Improvement of Environment through Tree Plantation
- Improving Productivity and Socio-economic Condition of farmers



JSA Works Status



DIVISION	SELECTED VILLAGES	WORKS STARTED IN VILLAGES	NO. OF WORKS
Kokan	203	203	35396
Nashik	941	941	26764
Pune	903	903	34026
Aurangabad	1682	1682	65263
Amarawati	1396	1396	25579
Nagpur	1077	1077	15062
Total	6202	6202	170233



Compartment bunding & Deep CCT



Sr.No	Treatments	Works in progress	Works Completed	Total (Ha.)
1	Compartment bunding (ha.)	105996.17	472384	578380
2	CCT/Deep CCT (ha.)	5420	44591.10	50011.2
	Total	111416.17	516975.1	628391.2



JSA Works



Sr.No	Treatments	Works in progress	Works Completed	Total(NO.)
1	MNB s (no.)	402	2491	2893
2	CNB (no.)	1764	4316	6080
3	CNB Repairs (no.)	558	943	1501
4	K T weirs Repairs (no.)	374	367	741
5	Percolation Tank (no.) Repairs	363	889	1252
6	Gaon Tank/Percolation Tank (no.)	97	173	270
7	K T Weirs (no.)	141	256	397
8	Nala Stretining and Deepening (no.)	1695	6402	8097
9	Farm pond (no.)	3104	4793	7897
10	Nala Connect Project/Odha Jod (no.)	5	4	9
12	Well/bore well recharge (no.)	10217	23258	33475
13	Recharge Shaft (no.)	4843	2161	7004
	Total	23563	46053	69616



Peoples' Contribution



Total Villages Selected	Works Started by Public Participation	Deepening/Strentning/Desiltation Works (In Km)	Approximate Cost of work in Cr. Rs.
6202	4491	861.29	246.64



The total work of Deeping/Strentning of Nala completed is 2351 Km.

Midterm outcome of the abhiyaan



➤ Water storage potential created	-	688596 TCM.
➤ Protective Irrigation potential Created		
▪ One Protective Irrigation	-	610840 ha.
▪ Two Protective Irrigation	-	309325 ha.
➤ Total Expenditure	-	1931.27



New Initiatives



- The decision has also been taken to grant the “Farm Pond on Demand” by the farmers.
- The decision has been taken to provide funds under the newly launched River Rejuvenation programme for the construction of Cement Bandh where the desiltation works of Nala / River have been carried out in large scale with people’s participation.



Thanks.....