



Bharatiya Jain Sanghatana
**DISTRICT-WIDE WATER
CONSERVATION PROJECT**
KARNATAKA

Project Progress Report : February - June 2019



PARTNERS

Shri Kshetra Dharmasthala
Rural Development Project
(SKDRDP)



ಶಿಲ್ಪಾ ಮೆಡಿಕೇರ್ ಲಿಮಿಟೆಡ್
Shilpa Medicare Limited
Shilpa Foundation



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Founder's Message



Since last three decades, BJS is serving the community in disaster response, school education and other humanitarian initiatives. We have contributed for disaster responses like earthquake, floods, and drought across India.

Maharashtra has reeled under drought situation since past few years. We recognised the devastating long-term effects of drought on the community in terms of migrations and humanitarian loss and hence conceptualised the drought mitigation model 'Sujalam Suphalam'. The initiative created milestone in alleviating the grim situation of drought in Buldhana, Akola, Latur, Osmanabad and Washim districts.

As I reflect back on all that we have accomplished in partnership with the State Government of Maharashtra, I feel pride and satisfied, how step by step we have been able to bring hope and optimism in the life of grass root community.

We continued this proud journey with the State Government of Karnataka as 'District-wide Water Conservation Project' and launched the project in December 2018 for two aspirational districts Raichur and Yadgir. The overwhelming support of the State Government of Karnataka has empowered us and boosted our determination to transform the districts water-sufficient.

It gives me immense pleasure to share the progress report of 'District-wide Water Conservation Project, Karnataka' from February to June 2019.

I express gratitude for the overwhelming support extended by the District Administration officials of Yadgir and Raichur, Public representatives of all political parties and community members. I would also like to extend my heartfelt and sincere thanks to NITI Aayog, and entire BJS family for the continued and unwavering support for 'District-wide Water Conservation Project'.

Shantilal Muttha

Founder

Bharatiya Jain Sanghatana



Foreword



After a privileged career as an investment banker and an investor, the mind was full of gratitude. The heart was already socially and spiritually oriented and what had got done at my hand was far from enough. An urgent thrust to redeem the multiple boons life had given was necessary.

It was an inexplicable moment when I thought I must go and meet Shantilalji Muttha of BJS. I went with much eagerness despite only a perfunctory awareness of his work. The meeting left me a soul mate of Bhau for life!

His vision, zealous commitment that started at very young age, incisive solutions finding mind, impressive track record of over 25 years, boldness, scientific approach of work-not explained by his formal education, transparency, and above all unlimited ambition and capacity to find solutions to problems of common people could only be a Nature's wonder. It was one stop destination for me to do as much as I wanted and with a person who had no match in the country.

Over the last few years we have worked together on amazing programs like the Drought -Free India, named 'Sujalam Suphalam' and an experiential education program to inculcate values in India's young, called Mulyavardhan, amongst many others.

The two named above programs have achieved scale and can scale many times more, are fully documented and much audited, are integrated at all levels possible - Government experts, civil society, media and citizens at large; moreover, are fast becoming huge peoples' movements.

We are thankful to the sponsors for helping these. It is only early days. I say with much confidence that in a few years' time the world will sit up and take note of the results.

I am committed for life to Bhau and BJS.

We have exciting plans ahead and urge all noble forces, here and above, to help us along the way.

Vallabh Bhanshali

Trustee

Bharatiya Jain Sanghatana



Foreword



Shri Prabhash Chandra Ray

*Commissioner, Department of Watershed Development and
State Nodal Officer, Jal Samvardhane Program,
Government of Karnataka*

This unique initiative of restoring water storage capacity of tanks in Aspirational Districts of Raichur and Yadgir Districts of Northern Karnataka at the behest of NITI Aayog through partnership of Bharatiya Jain Sanghatana and Government of Karnataka started during 2018-19 has not only led to de-siltation of several dozens of irrigation tanks, many of which has already started harvesting rain water on account of few good showers during this season brings me immense joy. I firmly believe the millions of litres of water storage capacity already restored in these tanks will help our farming Community to increase crop production but also help them tide over shortage of water availability in case of delay or gap in adequate rains.

This partnership wherein BJS involved itself in not only planning this 'JAL SAMVARDHANE' program but also mobilized the desiltation machineries through CSR funds and the State Government provided only fuel cost, greatly helped not only create so much of Water Storage capacity but also benefitted several thousands of farmers, as they utilized fertile silt from these tanks to their Agriculture fields. So the farmers in the vicinity of these desilted tanks have been doubly supported for their farming.

I sincerely hope this initiative continues to cover more and more tanks not only in these two Districts but expands in several other parts of the State.

I compliment all the functionaries of BJS for taking so keen interest and devoting valuable time to help people of Karnataka towards the noble cause of water conservation.

Executive Summary

Since inception 'Bharatiya Jain Sanghatana' is committed to contribute for holistic development of society, be it in disaster response, school education or other social initiatives.

To alleviate drought condition in Maharashtra, BJS with the support of the State Government of Maharashtra achieved many milestones in past few years. Partnership with the Government of Maharashtra strengthened BJS's vision to continue this enduring journey across India.

Going forward, in December 2018 with the persuasion of NITI Aayog, the State Government of Karnataka and BJS signed an MoU for drought mitigation model, 'District-wide Water Conservation Project' under the aegis of 'Jalsamvardhane' scheme.

Out of the list of 156 severely drought affected talukas as declared by the State Government of Karnataka in January 2019, two aspirational districts Raichur and Yadgir selected as unit districts under the project.

Although, BJS didn't had strong presence in Karnataka, still the initiative received warm welcome and well supported by social organisations and companies. Shilpa Medicare Limited collaborated with BJS to support this movement in Karnataka.

The support and collaboration of various stakeholders including political parties, local NGO partner 'Srikshetra Dharmasthala Rural Development Project' (SKDRDP) helped BJS to position the project in Karnataka. Padma Vibhushan awardee and Dharmadhikari, Shri Veerendra Kumarji Heggade also joined the movement. The network of BJS volunteer in both the districts played key role in coordination, communication, and liaison with other stakeholders.

After signing an MoU with State Government of Karnataka, rounds of meeting and discussions were held for preparing project implementation and monitoring strategy.

As the area of water bodies in both the dis-

tricts was around 300-400 acres and hence lot of planning and human resources required during the excavation process. Local language emerged as communication barrier for implementation of the project activities. To combat this barrier, local youth were appointed in the project. Thus the project also helped in employment generation.

Community mobilisation activities taken on priority as community are the main stakeholder of the project. District Administration took the full ownership of project implementation. District and Taluka committee were formed by the District Administration in both the districts. As a top-down approach, monitoring system was established at each level – State, District, Taluka and Village.

From February to June 2019, earthwork conducted in priority water structures and total 25 Lakh Cu.M of silt excavated. Silt enhances soil fertility and benefits agriculture. Farmers in both the districts were not aware about the use of silt and hence initially denied to transport the silt from the water bodies to their farms which is major cost (approximately 70%) of the project. Project team oriented the farmers about the use of silt and facilitated transportation of the silt to the farmlands in a systematic way. Afterwards support received from the community for the project in this duration is overwhelming and was unexpected. It lead to greater sustainability of the project.

With the advent of rainy season, water bodies started recharging. Only in 5 months', the project manifested significant results by enhancing the capacity of water bodies by 254 Crore litres.

Total 5305 local farmers from 38 villages benefitted using the silt. The State Government of Karnataka gave overwhelmed support for the project and stands strong as a pillar to make Raichur and Yadgir district water-sufficient. The project has made considerable progress in just five months. BJS would like to take this cause forward and make more drought-prone districts in Karnataka water-sufficient

I. About Bharatiya Jain Sanghatana

Established in the year 1985, Bharatiya Jain Sanghatana (BJS), has been in the forefront of addressing national concerns in the areas of Disaster Response, Social Development and Educational Initiatives. Headquartered in Pune, BJS is a non-political, non-profit, professionally managed Non-Governmental Organisation (NGO) with a nationwide

footprint working towards the benefit of the society. Seminal work has been done by BJS in various types of disasters like earthquakes, floods, tsunamis, drought over last 34 years. Since last six years, BJS have seen working on a war footing to address and arrest the devastating effects of successive droughts in Maharashtra:



Identify issues of National Concern

Focus on selected thematic areas that contribute to nation building



Social Sensitivity

Define the issues and its manifestation in the society through in depth research



Development Innovation

Design a replicable and scalable model with established frameworks



Participatory Implementation Process

Pilot implementation strong in partnership with all stakeholders



Sustainable Solutions

Greater engagement of Government and Community for sustenance of impact



Meaningful Impact

Touching millions through our work!!!

Our Founder

“We are here to do what is impossible”

Shri Shantilal Gulabchand Muttha is the Founder of Bharatiya Jain Sanghatana and Shantilal Muttha Foundation. A social entrepreneur - recipient of the '**Rajiv Gandhi Manav Seva Award-2017**' from Hon'ble President of India and the '**AHIMSA Awards 2018**' by Lord Bourne, Minister of Department of Communities London -House of Commons of the United Kingdom in London.



Our Vision

To collectively contribute towards Nation Building through Holistic Development of Society.

a. Thematic Areas

i. Educational Initiatives

- Mulyavardhan – Value Education Program for Primary Schools reached in all districts of Maharashtra as government program through 'Shantilal Muttha Foundation'
- BJS - Wagholi Educational Rehabilitation Center (WERC) is fostering 850 children from suicide affected farmers families for their complete education
- Smart Girl Program - A pilot program for empowerment of girls in all schools of Ahmednagar district, Maharashtra
- Federation of Jain Educational Institutions (FJEI) to strengthen its platform for consolidating efforts towards quality of education

ii. Social Development

- Create awareness for social issues affecting individuals, families and community and also provide suitable interventions for personal and social development
- Plastic Surgery Camps for children with congenital facial deformities from marginalised section

iii. Disaster Response

- Respond and support efforts during major disasters for immediate relief activities, restore educational and health facility; and work for educational rehabilitation of disaster affected children

b. BJS Network

The foundation of 'Bharatiya Jain Sanghatana' is its Volunteers Network that Shri Shantilal Muttha has envisioned and built very meticulously in the last three decades. BJS has a network of more than 20,000 Office Bearers actively carrying out BJS responsibilities with relentless commitment supported by lakhs of volunteers across the country.

This volunteers' network is the real strength of the organisation. With such a grass-root network with commitment of time and resources for social cause, BJS demonstrated the power of executing projects and many seemingly uphill tasks with speed and scale.

Only office bearers of BJS councils at various levels are more than 1500. They receive support by 1000s of volunteers across the country.



BJS Volunteer Network: Karnataka

Sr No.	Name	Position Held at National Level
1.	Shri Rajendra Lunker	National President-BJS
2.	Shri Goutam Bafna	National Secretary-BJS
3.	Shri Dinesh Palrecha	State President-BJS
4.	Shri S. Kamal Kumar	State Coordinator-BJS
5.	Shri Ajitraj Sancheti	State Coordinator-BJS
6.	Shri Vikas Sukhani	President BJS Raichur
7.	Shri Rajesh Dhoka Jain	Yadgir Coordinator BJS
8.	Shri Ajith Jain	President BJS, Yadgir
9.	Shri Dinesh Jain	Secretary BJS Yadgir
10.	Shri Sanjay Mootha	Raichur Coordinator BJS
11.	Shri Shrenikkumar Jain	BJS Committee Member
12.	Shri Dinesh Kumar Jain	President BJS Shahapur Taluka
13.	Shri Anand Kumar Jain	Secretary BJS Shahapur Taluka
14.	Kiran Kumar Shah Saidapur	Secretary BJS Gurmitkal Taluka

Gratitude



**Shri S. Kamal Kumar
Anchaliya**
State Coordinator - BJS



Shri Ajitraj Sancheti
State Coordinator - BJS

‘Bharatiya Jain Sanghatana’ appreciates and thanks BJS State Coordinators, Shri S. Kamal Kumar Anchaliya and Shri Ajitraj Sancheti for the support rendered to the ‘District-wide Water Conservation Project’ in Raichur and Yadgir district.

Your generous support for making both the districts water-sufficient is invaluable. We look forward for your continued support in making the Karnataka State drought-resilient.

Gratitude

Shri Rajesh Dhoka Jain

Yadgir District Coordinator - BJS



‘Bharatiya Jain Sanghatana’ appreciates and thanks Yadgir District Coordinator - BJS, Shri Rajesh Dhoka Jain for the support rendered to the ‘District-wide Water Conservation Project’ in Yadgir district.

Your generous support for making Yadgir district water-sufficient is invaluable. We look forward for your continued support in making the Yadgir district drought-resilient.

c. BJS Response to Disaster

1993	1993 – Latur Earthquake Relief operations and educational rehabilitation of 1200 affected children from Latur to BJS Wagholi Educational Rehabilitation Centre (WERC), Pune for 11 years.
1996	1996 – Jabalpur Earthquake Educational rehabilitation of affected Children.
1997	1997 – Educational Rehabilitation of Children from tribal belts of Maharashtra Ongoing educational rehabilitation of children from tribal belts since 1997.
2001	2001 – Gujarat Earthquake Relief operations and construction of 368 semi-permanent schools in 90 days saving the academic year of 1,20,000 children.
2004	2004 – Tsunami Andaman & Nicobar Islands – BJS constructed 34 Primary Health Centres-Sub centres and 11 schools catering to all 37 islands within one year.
2005	2005 – Jammu & Kashmir Earthquake BJS in partnership with Central Government, State Government, and NDMA provided 870 shelters to 15,000 people in record time of 1 month and additionally, took up an extraordinary challenge of bringing 500 children from Kashmir to WERC for their immediate educational rehabilitation.
2008	2008 – Bihar Floods BJS under took the responsibility of medical care and daily food for 1,50,000 people for 180 days.
2013	2013 – Maharashtra Drought-Free Movement BJS initiated the Maharashtra Drought-Free Movement in Beed district by desilting 117 water bodies in 1 month and excavating 20 lakh cubic meters of silt for use on 5000 acres of farm land to make it fertile.
2015	2015–Educational Rehabilitation of children of farmers who committed suicide Ongoing educational rehabilitation at BJS WERC of 600 children from Maharashtra of farmers who committed suicide.
2015	2015 –Nepal Earthquake Provided health and medical care through camps and set up orthopaedic hospital food camps for their staff, patients and relatives.
2014–2016	2014 – 2015 – 2016 Maharashtra Drought BJS distributed water through tankers in remote villages and worked on naala deepening and widening in Beed, Latur and Osmanabad districts.
2017	2017 – Maharashtra Drought-Free Movement Supported 350 villages through 500 earthmovers for watershed management.
2018	2018 – Maharashtra Drought-Free Movement Supported 1500 villages across 75 talukas with 1650 earthmovers for watershed management work increasing the water storage capacity by 5100 crore litres.
2018	2018 – Sujalam Suphalam Buldhana BJS purchased 134 earthmovers to make a district free from drought through its initiative Sujalam Suphalam Buldhana. BJS excavated 51 lakh cubic meters of silt in 90 days and spread it on 9000 acres of farm land and increased the water storage capacity by 510 crore litres.

d. BJS Experience in Drought Mitigation

BJS has always led at the forefront for drought mitigation. Maharashtra has reeled under drought condition since 2013, and Beed district of Vidharbha region was among the worst affected districts. Deficient rainfall and continuous siltation worsened the situation of the water reservoirs. BJS took the initiative for the maintenance and de-siltation of 117 water reservoirs in Beed district. In the process, 20 lakhs cubic meter of silt excavated and spread in 5000 acres of farmland.

In 2015-16, when Maharashtra again confronted drought like situation, BJS supported 19 villages of Latur, Beed, and Osmanabad districts by supplying water through trains and tankers.

Prolonged drought condition disappointed the farmer's community and caused mass migrations and humanitarian crisis.

With the purpose to reduce the drought condition and support farmers, the State Government of Maharashtra and BJS initiated

village-level community-based water conservation and management model 'Maharashtra Drought Free Movement' (MDFM). Paani Foundation also joined the movement.

As a part of movement, Paani Foundation organised 'Satyamev Jayate Water Cup Competition' in 2017. BJS supported the event by providing 500 heavy earthmoving machines for earthwork in 350 villages covering 30 talukas and 13 districts. Again in 2018, BJS supported the competitions with 1650 earthmoving machines which helped in earthwork of around 4000 villages (covering 75 talukas and 24 districts) and increased water storage capacity by 5000 crores litres.

The Hon'ble Chief Minister of Maharashtra, Shri Devendra Fadnavis roared a slogan to the enthusiasts, "Drought can be defeated if villagers come together" and set a symbolic move by personally doing Shramdaan in 'Jat Taluka' in Sangli district of Maharashtra.

“ About 50 percent of villages in the state face drought. This drought does not end just by building dams. Water conservation works have to be carried out right up to the grassroots level. Today 11,000 villages are drought-free in the state and the figure will go up to 20,000 this year, ”

- Hon'ble CM of Maharashtra, Shri Devendra Fadnavis



Shramdaan by Hon'ble Chief Minister, Shri Devendra Fadnavis in Avandhi village
(Jat Tal., Sangli District)

II. Project Overview of Maharashtra

Considering the huge support required in the drought-stricken areas of Maharashtra, BJS conceptualised a systematic large-scale district transformation model “Sujalam Suphalam” with the purpose to enhance the water storage capacity of reservoirs in a time-bound manner.

BJS presented the Project concept to Hon'ble Chief Minister of Maharashtra, Shri Devendra Fadnavis and requested him to support the pilot project in Buldhana district. He liked the concept of the project and based on its salient features

agreed to support the pilot project in Buldhana district.

Tata Trusts also rendered full cooperation for the project and procured 134 heavy earth moving machines and program management support.

On 3rd March 2018, an MoU signed between the District Administration, Buldhana Maharashtra and BJS for the pilot project ‘Sujalam Suphalam – Buldhana’. District Collector, Dr. Chandrakant Laxmanrao Pulkundwar signed an MoU on behalf of District Administration Buldhana.



Signing of MoU by District Administration, Buldhana and BJS

Hon'ble Chief Minister Maharashtra, Shri Devendra Fadnavis and Hon'ble Minister of Road Transport and Highways of India, Shri Nitin Gadkari inaugurated the project.



Inauguration ceremony of 'Sujalam Suphalam'

Pilot project implemented in Buldhana district successfully. District Administration officials took the full ownership of implementation. In just few months, this public-private partnership greatly helped not only to create so much of water storage capacity but also benefitted several farmers, as they utilised fertile silt from these project site to their agriculture fields. So the farmers in the vicinity of the water bodies have

been doubly supported for their farming.

'Sujalam Suphalam' rendered not only the tangible benefits in terms of rejuvenation of water bodies and use of fertile silt for better crop production but also supported in gaining intangible benefits in form of optimism, hope and improved incomes of the farming community.



Project coverage in Maharashtra

Encouraged with the results of pilot project in Buldhana district, the Government of Maharashtra requested BJS to scale-up the same model in four drought prone districts – Latur, Osmanabad, Akola, and Washim.

The partnership with the State Government of Maharashtra stands strong as a pillar to encourage BJS in taking forward the drought alleviation journey while at the same time, helped to reach out across country.

Scale-up of 'Sujalam Suphalam' beyond Maharashtra

Shri Amitabh Kant, CEO, NITI Aayog cherished the BJS model and initiated dialogues with the State Governments to replicate this model in aspirational districts throughout India.

Hon'ble Former Chief Minister of Karnataka, Shri H. D. Kumaraswamy showed interest in partnering with BJS to implement the model in two aspirational districts Raichur and Yadgir. In Karnataka the drought mitigation model launched as 'District-wide Water Conservation Project' on 15 December 2018 and an MoU signed between the State Government of Karnataka and BJS in presence of Vice Chairman, NITI Aayog, Shri Rajiv Kumar along with other dignitaries.



The State Government of Karnataka signed an MoU with BJS in presence of Vice Chairman, NITI Aayog, Rajiv Kumar along with other ministers of GoK

III. About the Project

'District-wide Water Conservation Project' is a district level time-bound transformation program which focuses on improvement of village water resources by undertaking maintenance and earthwork of existing water bodies, and watershed treatments for augmentation of groundwater. The program also covers increasing community awareness through water budgeting for improved water management at village level.

The District Administration has complete ownership of the program and provides the single window clearance leading to fast track approvals. The program involves earthwork by heavy machines provided by BJS (with support from corporates) and fuel provided by the State Government. Farmers carry silt to their farm lands at their own cost which enhances farm productivity and is a major part of the project cost. Following these rules, all the identified water bodies within the District have been rejuvenated comprehensively thereby improving water storage at a large-scale.

a. Objectives

- Increase storage capacities of the water bodies for improving water availability in the program villages for agricultural and domestic usage.
- Enhance soil fertility through silt usage leading to an increase in annual agricultural productivity among the silt recipients' (farmers) land holdings.
- Effective Management of community water resources by enhancing capacity of Panchayat Raj Institutions (PRI's) and farmers.

b. Key Salient Features

- Unique collaboration and greater transparency between several stakeholders as no monetary transactions took place among them.
- The program has been designed with

District as an administrative unit and taluka/block as a unit of implementation.

- Visible high impact within short span of time.
- Replicable and scalable model.
- Active involvement and empowerment of farmers leading to greater sustainability.

c. Planning and Implementation Process

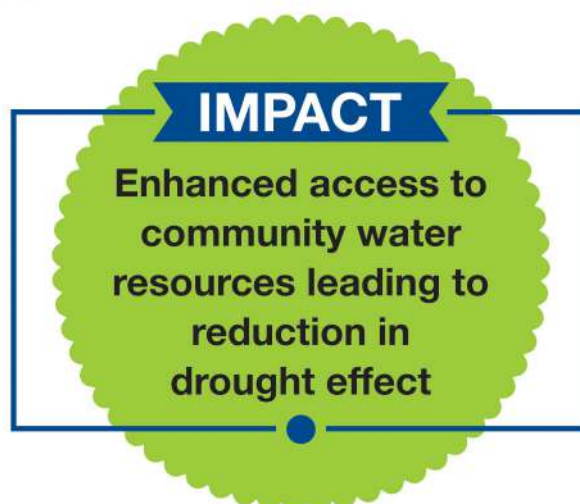
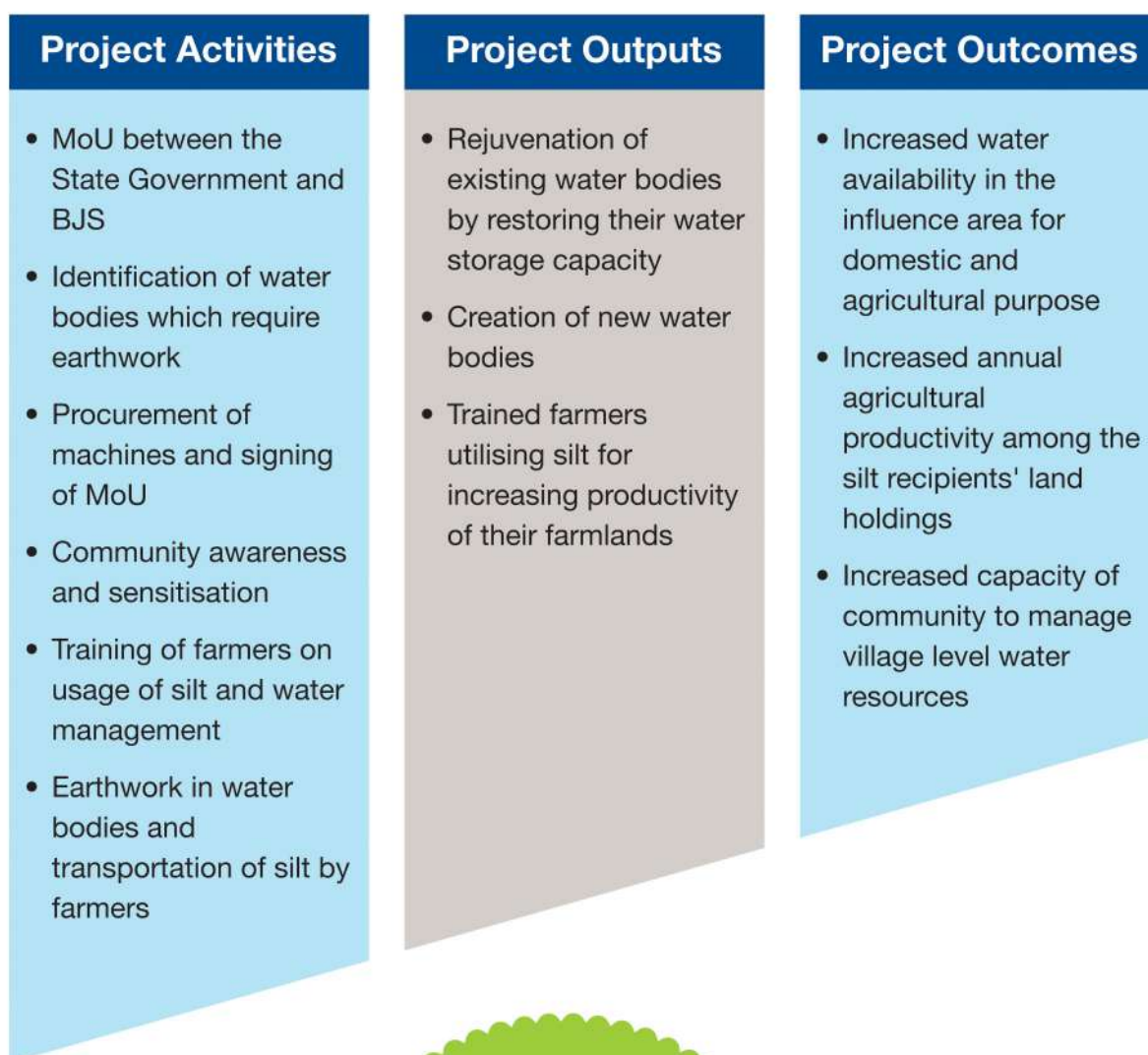
District-wise rejuvenation of identified water structures is undertaken under 'District-wide Water Conservation Project' through the following process:

- Signing of an MOU between BJS and the Government, establishing a unique Government owned and community led Public-Private Partnership.
- Involvement of Corporates and NGO's.
- Building capacity of district and taluka/block level Government functionaries for project execution.
- Prioritisation of existing water bodies by the district/taluka administration in consultation with PRIs
- Community mobilisation and sensitisation on water conservation
- Mobilisation of farmers for transportation of silt at their own cost
- Deployment of earthmoving machines for earthwork of identified water bodies
- Free diesel supplies at Program sites by the District Administration
- Maintaining silt record by community volunteers
- Orientation of farmers on silt utilisation and water management
- Scientific and evidence based Outcome Measurement

d. Process Flow



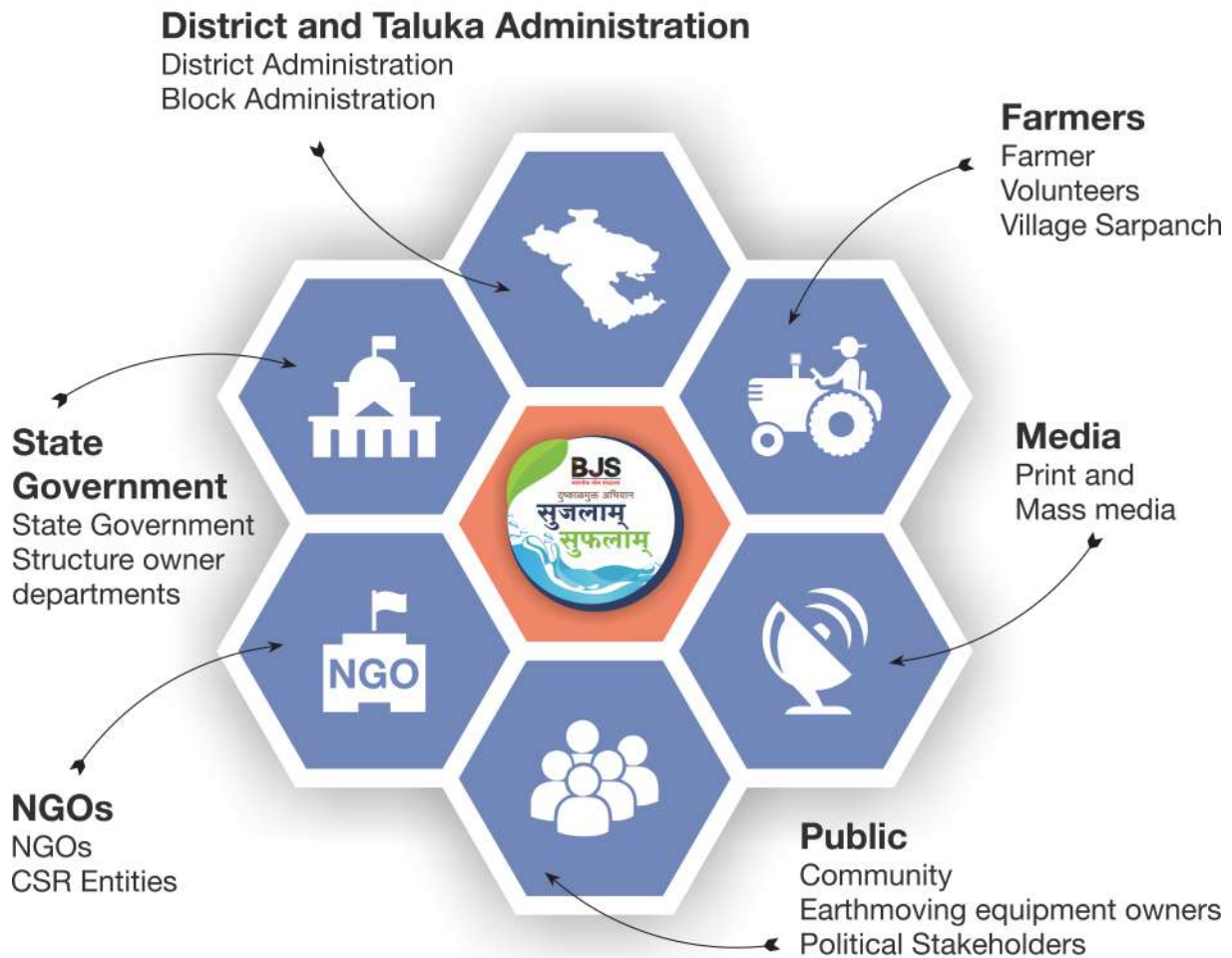
e. Project Outcome and Impact



f. Key Stakeholders

“Sujalam Suphalam”

actively engaged all stakeholders in the district to effect change



IV. Background: Drought in Karnataka

India is the second most populated country in the world with over 1.2 billion people. More than 70 percent of the population in India, depends upon agriculture for their livelihood, with 82 percent of farmers being small and marginal (Ref. i). In spite of significant efforts made since independence to bring more area under irrigation and high yielding crop varieties, Indian agriculture is still dependent on monsoon rainfall and very high proportion of the total cultivated area still continues to rain fed.

The Indian peninsula is facing severe drought. Karnataka, Maharashtra, Tamil Nadu, Andhra Pradesh, Uttar Pradesh and Bihar are the most affected States. Karnataka has experienced frequent droughts in recent years resulting in severe hardship to the community dependent on agriculture. Among all states in India, Karnataka's economy is one of the fastest and hence demand of water is swiftly changing with the population mounting from 61 million as per 2011 Census to projected 75 million by 2021, with the bulk of the population in urban areas (Ref. ii)



Karnataka is reeling under its worst drought in 10 years in the wake of the failure of monsoon

Reference:

- i. <http://planningcommission.nic.in/reports/peoreport/cmpdmpeo/volume1/144.pdf>
- ii. <https://www.karnataka.gov.in/empri/Documents/Krishna%20Raj%20Water%20Resources%20and%20Irrigation%20Management%20SOER%20Kar%202015%20Date%202022-12-2017.pdf>



Drought in Karnataka represents poor flow of water in River Basin
(Source: The Hindustan Times, 2017)



District map of Karnataka

Water shortages affected domestic needs, agriculture, livestock and livelihoods of millions. Among all, the agriculture sector is most affected as it is highly reliable on the weather, climate, soil, moisture, etc. Deficient rainfall in Karnataka has caused 'Agricultural drought' resulting in a significant estimated decline in food production by 26% (Ref.3; Times of India, 3 March 2019).

The State Government of Karnataka has categorised 156 talukas as severe drought-affected areas (Ref. iv). 'Raichur and Yadgir' districts are among the drought-prone districts as per the above list.

Reference:

- iii. <https://timesofindia.indiatimes.com/city/bengaluru/drought-effect-state-likely-to-see-26-slump-in-food-production/articleshow/68237591.cms>
- iv. <http://www.newindianexpress.com/states/karnataka/2019/jan/03/state-declares-156-taluks-as-drought-hit-1919905.html>

Bharatiya Jain Sanghatana
DISTRICT-WIDE WATER
CONSERVATION PROJECT
RAICHUR



Foreword



Shri Sharat B, IAS

Deputy Commissioner, Raichur



ಶರತ್ ಜಿ., ಐ.ಎ.ಎಸ್.
ಜಿಲ್ಲಾಧಿಕಾರಿಗಳು ಹಾಗೂ
ಜಿಲ್ಲಾ ಪಂಚಾಯತಿಯ ಕಾರ್ಯದರ್ಶಿ.
SHARAT B. I.A.S.
Deputy Commissioner and
District Magistrate, Raichur



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Date : 15.07.2019

TO WHOM SO EVER IT MAY CONCERN

It is being informed with pleasure that, a project named 'District wide Water Conservation Project' is being undertaken by District Administration, Raichur with involvement of Bharatiya Jain Sanghatana (BJS) since February, 2019.

We have successfully intervened in 14 Minor Irrigation Tanks and have desilted with earthmoving machinery provided by BJS during the period from February to June 2019. It is being informed that 7 tanks were desilted successfully in this period. 1227 Farmers in 30 villages from 5 Talukas have taken benefit of silt and used it on their farms and waste lands through this project.

This project has greatly impacted the farming community and has emerged as successful model for time saving, cost saving, transparent transformation movement in the whole district.

The District Administration is happy and expresses pleasure for this social - farmer- village friendly project, especially designed for water conservation on the basis of MoU signed by GoK & guidelines given by Niti Ayog, Govt.

We wish the success to BJS and solicit their cooperation in the future too.

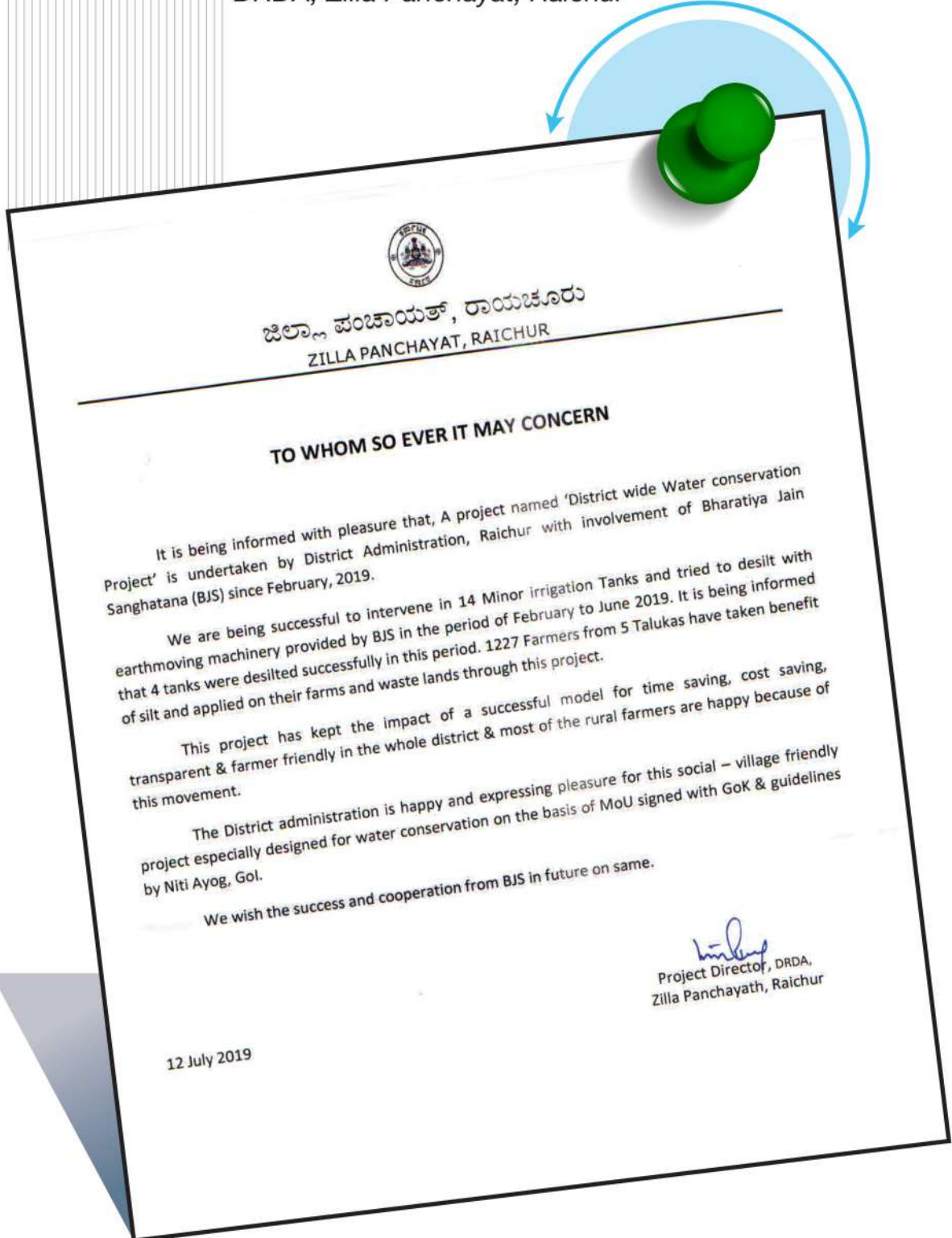

(Sharat B. IAS)
Deputy Commissioner,
District Magistrate
RAICHUR-584 101

“ Foreword

Shri Sharanbasvaraj K.

Project Director,

DRDA, Zilla Panchayat, Raichur





ಶಿಲ್ಪ ಮೆಡಿಕೇರ್ ಲಿಮಿಟೆಡ್
Shilpa Medicare Limited
Shilpa Foundation

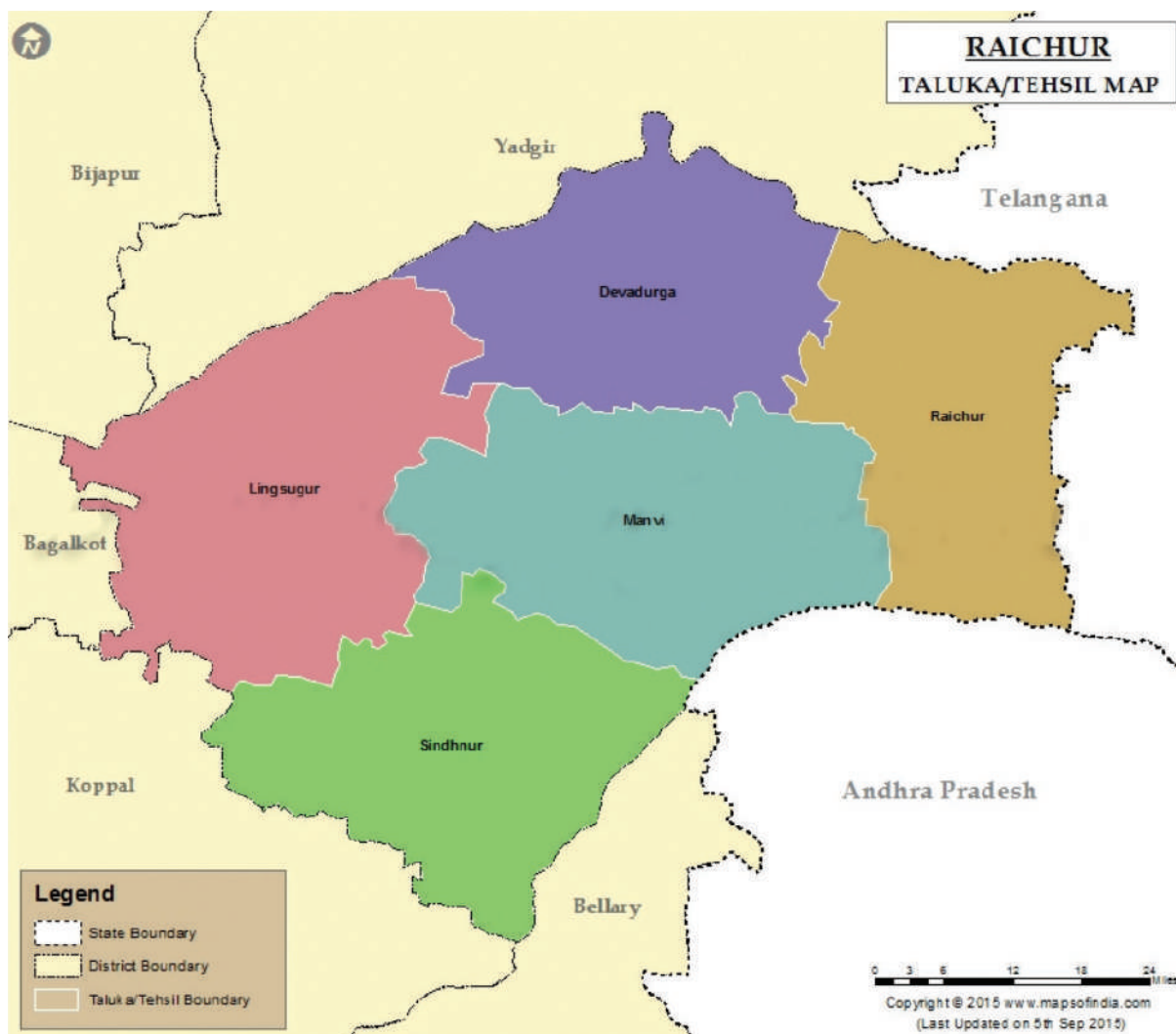
Gratitude towards Shilpa Foundation

Shilpa Medicare Ltd. is a recognised manufacturing company and is one of the leaders in oncology market. Shilpa avers that all business enterprises share a symbiotic relationship with society from where they draw resources for their growth. Managing Director of Shilpa Medicare Ltd., Shri Vishnukanth Bhuttada believes in giving back to the society and hence pursues responsibility towards the society and environment partnered with BJS in drought mitigation program “District-wide Water Conservation Project, Karnataka”.

‘Bharatiya Jain Sanghatana’ is thankful to Shilpa Medicare Ltd and Shilpa Foundation for joining the movement to make the Karnataka State water-sufficient.



Managing Director, Shilpa Medicare Ltd. Shri Vishnukanth ji Bhuttada's visit to project site along with BJS State Coordinators



Tehsil map of Raichur

Taluka	05
Villages	884
Population (As per 2001 Census)	16,69,762

Raichur district is in the north-eastern part of Karnataka state and falls under plateau region. It falls under the most arid band of the country and has been listed under the most affected drought-prone areas in Karnataka state.

List of Talukas declared as drought affected during Rabi
(North East Monsoon) 2018-19 in Raichur District (Ref. V)

S. No.	Taluka
1.	Deodurga
2.	Lingasuguru
3.	Manvi
4.	Raichur
5.	Sindhanur

It lies between the two major rivers namely the Krishna and the Tungabhadra. Prime occupation of the people is farming. Canals, tanks, wells, bore wells; lift irrigation are sources for irrigation. Major crops grown in the district are Rice, Bajra, Jowar, Cotton, Groundnut and pulses.

The climate of the district is mild to severe. The city remains almost dry throughout the year; summer usually remains very hot. The district receives very low and irregular precipitation with an average annual rainfall of 621 mm (Ref. v).



Severe drought in Raichur district

Four types of soils found in the district: Mixed red and black soils, Medium black soils, Deep black soils, and Red sandy soils.

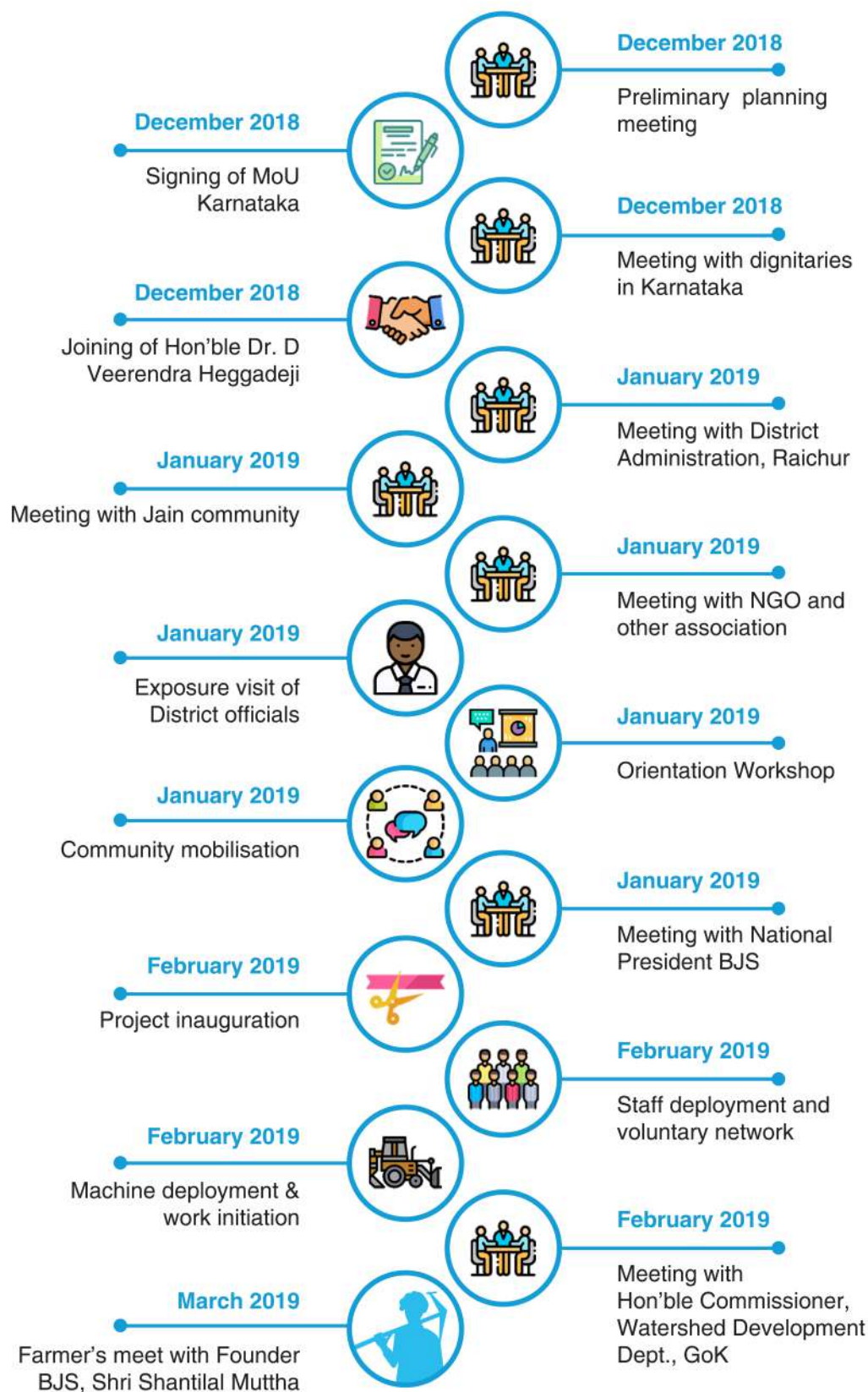
Groundwater is unsuitable for the irrigation purpose due to higher fluoride content. In

some places, nitrate (NO₃) concentration is found above the permitted limits. At places, inland brackishness has also been observed. For drinking purpose water is usually supplied from neighbouring areas.

Reference:

- v. http://www.slbcarnataka.com/UserFiles/slbc/Rabi%20Drought%20GO_156%20Taluks.PDF
- vi. Ground water Information Booklet, Raichur District, Central Ground water board

Project Progress Footsteps – Raichur



1. Preliminary Planning Meeting

After signing an MOU with the State Government of Karnataka, preliminary meetings were conducted in Raichur district in December 2018 with District Administration officials, MLA, MP, MLC, MLP, Jila Panchayat Member and supporting implementing NGO partner SKDRDP. Scope of the work and methodology was discussed during the meeting.



Preliminary Planning Meetings with Raichur District Officials and Public Representatives

2. Consecutive Planning and Discussion Meetings with Dignitaries in Karnataka

After the preliminary meeting, a series of meetings were held with State and District Administration officials and local public representatives.

- On 23rd December 2018, concerned officials of 'Jalsamvardhane' scheme, MP, MLC, MLA, SP and DC met with BJS to discuss about the project
- On 31st December 2018, Hon'ble Padma Vibhushan awardee and Dharmadhikari, Shri Veerendra Kumarji Heggade met with BJS team and declared to join drought movement.
- Again on 9th January 2019, a meeting held at Deputy Commissioner's Office, Raichur to discuss implementation plan.



Planning meeting with State and District Administration officials and local public representatives

3. Meeting with Local NGO's and Other Association

To mobilise the support of other stakeholders other than Government officials, BJS organised the meeting with the local non-profit organisations also.

On 28th February 2019, BJS arranged a meeting with local NGOs and appealed to support the drought project in Raichur and Yadgir districts. Project Director, Shri Sushant Bhuyan explained about the nature and goal of the project to participants.



Meeting with local NGOs and other association

4. Meeting with Jain Community

'Bharatiya Jain Sanghatana' has an extensive and organised network of Jain community across India. To familiarise the community about the project and leverage their support for the project, two consecutive meetings were organised with Jain Community on 04th September 2018 and again on 30th January 2019 at Jain Bhavan, Raichur.

National President, BJS, Shri Rajendra Lunkerji and National Secretary, BJS, Shri Goutam Bafna along with other BJS office bearers, Shri S. Kamal Kumar, Shri Ajith Sancheti, Shri Sanjay Muttha and Project Director, BJS, Shri Sushant Bhuyan facilitated both the meetings.



Meeting with Jain Community on 04th September 2018



Meeting with Jain Community members on 30th January 2019

5. 'Exposure Visit of District Administration officials, Raichur' to 'Buldhana, Maharashtra'

An 'Exposure Visit' to the project sites of Buldhana, Maharashtra was arranged for the Raichur District Administration officials lead by Nodal Officer Sri Sharana Basawaraj, Project Director, DRDA, Zilla Panchayat, Raichur from 17th to 18th January 2019. There the team got the opportunity to have an exposure of both ongoing and completed project work which gave them insight about the project operation and challenges.



Exposure visit of District officials, Raichur district, Karnataka



Media Coverage of the Exposure visit of the District Officials, Raichur

6. Inauguration of 'District-wide Water Conservation Project in Raichur'

The project initiated with a grand inauguration ceremony on 01st February 2019, at Katletkur Tank site in the presence of:

- Hon'ble Karnataka State Agricultural Minister, Shri Shivashankar Reddy
- Hon'ble Raichur District In-Charge Minister and Minister for Animal Husbandry and Fisheries, Shri Venkata Rao Nadagouda
- Hon'ble Minister of Forest and Environment, Shri Satish Jarkiholi
- Hon'ble Minister of Social Welfare Department, Shri Priyank M. Kharge
- Hon'ble Yadgir District In-Charge Minister and Minister for Mines and Geology GoK, Shri Rajshekhar B. Patil
- Hon'ble Raichur District MP, Shri B.V. Nayak
- Hon'ble MLA of Deodurg, Shri Shivana Gouda Nayak
- Hon'ble MLA of Rural Raichur, Shri Basanagouda Daddal
- Hon'ble MLC, Shri N. S. Boseraju
- Hon'ble MLA of Raichur, Shri Shivaraj V. Patil
- Hon'ble MLA Maski, Shri Pratap Gowda Patil
- Hon'ble MLA Manvi, Shri Raja Venkatappa Nayak
- Hon'ble ZP Chairperson, Smt. Adimani Veeralaxmi
- Hon'ble Deputy Commissioner Raichur, Shri Sharat B
- Hon'ble Zilla Panchayat CEO, Shri Nalini Atul, IAS
- Superintendent of Police, Shri Kishore Babu
- ZP Member, Shri N Keshav Reddy



Inauguration of 'District-wide Water Conservation Project' Raichur

7. Staff Deployment

In February 2019, 'Recruitment drives' were organised for deployment of district level project team. After the detailed scrutiny of applications and interviews, BJS recruited District Manager and Taluka Coordinators for Raichur district project operations.



Recruitment-drive for Raichur Project Team

8. Orientation Workshop for District Administration Officials, Raichur District

After the 'Exposure Visit' which gave insight about the project operations, BJS organised 'Orientation Workshop' on 13th February 2019 for all concerned stakeholders.

The purpose of the workshop was to orient the team with the operational and technical guidelines and to discuss about the responsibilities delegated to all concerned officials at District, taluka and village level. All the district administration officials, Jilla Panchayat Samiti, and village leaders actively participated in the workshop



Orientation Workshop for District Administration Raichur

9. Induction of Project Team

For orientation of BJS project team of Raichur induction organised at Pune on 14th and 15th March 2019. Training sessions helped team members to shoulder the responsibilities of assigned project activities. Training included sessions on Technical and operational aspects of project, implementation and monitoring strategies, data management, maintenance of records, and communication strategies.



Induction Training at BJS head office

10. Finalisation of Scope of Work by District Administration

Based on the technical feasibility assessment, District Administration team along with the Structure Owner Department identified and prioritised the water bodies and prepared scope of work for Raichur. Total 38 water bodies were prioritised for earthwork under the project.

Sr. no.	District Name	Total number of water structures identified	Total number of water structures prioritised
1	Raichur	280	38

11. Community Mobilisation

Community is the main stakeholder in the project and play key role right from the planning and implementation to the sustainability phase. BJS organised awareness sessions (Farmer meetings, Gram Sabha and community meetings) to orient the community about water conservation methods.



Community Mobilisation in Raichur district



Community mobilisation in Udamgal



Community mobilisation in Matur Maski



Community mobilisation in Madlapur



Community mobilisation in Gunjalli

12. Deployment of Earth Moving Machines and Initiation of Earthwork

Heavy earthmoving machines deployed in identified 'Water Structures' of Raichur districts and earthwork initiated.

Sr. No	Taluka	Structure Name
1	Devadurga	Alkod Tank
2	Devadurga	Kyadgera Tank
3	Devadurga	Piligunda Tank
4	Lingasugur	Kadkal Tank
5	Lingasugur	Ulumeshwar Tank
6	Lingasugur	UpparNandhihal Tank
7	Lingasugur	Kannapur Hatti Tank
8	Lingasugur	Mudgal Tank
9	Manvi	Narbanda Tank
10	Manvi	Madalapur Tank
11	Manvi	Navalkal Tank
12	Maski	Mattur Tank
13	Raichur	Ganmur Tank
14	Raichur	Katleutkur Tank Nala
15	Raichur	Katleutkur Tank
16	Raichur	Mached Tank
17	Raichur	Tuntapur Tank
18	Sindhanor	Yalekudlagi Nala





Earthwork in Raichur District



Transportation of silt through Tippers and Trolleys in Raichur District



Earthwork initiation in Uppar Nandihal Lake and Kannapur Hatti Lake by
 MLA - Lingasugur, Sri. D. S Hoolagere; Assistant Commissioner, Sri Rajeshaker Dhambal,
 and Thasildar, Sri Chamras Patil

13. Periodic Review and Monitoring

a. Review and Monitoring by BJS Team

BJS developed dual monitoring and review system: Centralised monitoring from Pune and district level monitoring at the field level.

District level data collection done by dedicated field staff. On the basis of the daily progress report received from the field, key indicators of the project were analysed at the central level from Pune.



Field Review by BJS Project team

b. Review and Monitoring by BJS Volunteer Network

For District level project review and communication, BJS Office Bearers played vital role. They helped in advocacy, communication, Government liaison, vendor tie-ups, logistics support including the machine procurement in the field.



Project Review by BJS Office Bearers



BJS State Executive Committee Meeting

Bhartiya Jain Sanghatana (BJS) State Executive Committee meeting was held in Bangalore at Godwad Bhavan. Committee discussed the project progress in Yadgir and Raciur and took the collective decision to scale-up the project.

c. Monitoring by State Government

To monitor the preparedness, progress and hurdles of the project, State Government of Karnataka constituted the committees and delegated the responsibility at the State, District and Taluka level.

Regular review and meetings conducted by the state level officials to monitor the project progress.

- **Visit of Commissioner, Watershed Development Department:**

On 8th March 2019, Hon'ble Commissioner, Watershed Development Department, Shri Prabhash Chandra Ray, visited the project site and reviewed the project progress. He insisted to conduct the awareness sessions on 'Water Conservation' for community



Review meeting with Hon'ble Commissioner, Watershed Development Department, Shri Prabhash Chandra Ray

- **Meeting with Principal Secretary, Planning Department, GoK, Dr. Shalini Rajaneesh, IAS and Deputy Commissioner - Raichur, Sri R. Venkatesh Kumar**



Meeting with Principal Secretary, Planning Department, GoK, Dr. Shalini Rajaneesh, IAS and Deputy Commissioner, Raichur, Sri R. Venkatesh Kumar

BJs State Coordinator, Shri S. Kamal Kumar met and briefed about the project to Principal Secretary, Planning Department, GoK, Dr. Shalini Rajaneesh IAS and Deputy Commissioner - Raichur, Sri R. Venkatesh Kumar. They appreciated the water conservation work going on in Yadgir and Raichur district.

d. Monitoring by District Administration

District Administration, Raichur took the full ownership of project implementation, monitoring and evaluation.

To monitor the day to day operations District Administration institutionalised the 'Weekly Review Meetings'. As well as, for sharing the information with structure owner departments 'Wats app' groups were formed.



Project review by Deputy Commissioner, Sri Sharat B , ZP CEO, Sri Nalini Atul with BJS State coordinators



Visit of Raichur Rural MLA, Shri Basana Gouda Daddal, Deputy Superintendent of Police, Shri G Harish at Katletutkur Site of Raichur



Visit of Minister of Animal Husbandry and Fishery,
Shri Venkatrao Nadgoud to Sindhnoor site



Visit of MLA, Shri D S Hoolageri and local public rep-
resentatives at Lingsugur site

e. Monitoring by Taluka Committee

To monitor day-to-day operations, Taluka level committees were formed. Committee members facilitated the field work and helped in resolving issues through effective coordination between the designated Structure owner departments and District Administration.

f. Review by Shilpa Foundation and other Corporate Companies

Representatives of 'Shilpa Foundation' visited the project sites and monitored the project very closely. They also gave their valuable feedback and boosted the team for better performance.



Visit of Managing Director of Shilpa Medicare Ltd., Shri Vishnukanthji Bhuttada along with BJS State Coordinators in Raichur Project site



Ceremony before initiation of earthwork in Merched lake by Sri Deepak Innani, Director Shilpa Foundation, Grampanchayet members and BJS representatives

Other corporate companies also shown interest and visited the Katletkur lake project sites in Raichur district. Founder and President, BJS, Shri Shantilal Muttha appealed to the corporate companies to extend their support for drought mitigation in Raichur and Yadgir Districts.

On 25th March 2019, a meeting was organised with all the corporate companies following the site visit in the site. Corporate leaders from the renowned companies, senior members from Jain community, local Panchayat leaders, farmers and BJS Team visited the site.



Visit of Corporate leaders in project sites

An open discussion with the farmer's community was conducted at the site to observe the community's feedback regarding the work going on. Community suggested to deploy more machines so that the pace of transportation of silt can be enhanced.

A formal meeting with Jain community from Yadgir & Raichur District was also organised in Jain Sthanak, Raichur. More than 150 participants attended the meeting.

Few community people who have voluntarily come forward to support the project were also honoured by Hon'ble Founder, BJS Shri. Shantilalji Muttha.



Community Members and Farmers acknowledged and Honoured for voluntary support to the project

Success Stories from the Ground

Re-birth of farming in Tuntapur village

Village: Tuntapur

Taluka: Raichur rural

Earth work in Tuntapur village



Tuntapur village is 14 km away from Raichur. As per 2009 stats, total population of the village is 1377 only.

The rain has been sparse since last few years and due to rain fed agriculture, farmers were facing huge losses in crop productions. In addition to that, soil quality is also not favourable for agriculture purpose. The storage capacity of village pond declined gradually over the years due to siltation and hence the pond is also not able to fulfil the village household needs.

Shivappa, a marginal farmer has to face huge loss in horticulture cultivation of Mangoes. Alike Shivappa, other farmer's agriculture production also affected badly.

District Administration Raichur and BJS undertook earthwork, removed the silt and did the deepening work in the pond. Shivappa and other farmers spread the excavated fertile silt in their farming lands. Earthwork helped to increase percolation of groundwater and increases water level of the pond.

With the arrival of good monsoon, and use of fertile silt villagers are now looking forward for ample water for irrigation and better yield in future.



Success Stories from the Ground

Rejuvenation of village pond

Village: Katletkur

Taluka: Raichur rural

Earth work in Katletkur village



Katletkur is a small village in rural Raichur. It is a drought-prone village and falls in semi-arid area. Over the past few years, the village has faced deficit rainfall. Deficient rainfall in the area caused decreased moisture in soil, and resulted many farms empty during the dry months. The village is dependent on a pond for all its household requirements but its storage capacity has also reduced due to continuous accumulation of silt over the years.

Due to scarcity of water for irrigation purpose, crop production has drastically reduced since last 2-3 years. Nadeem who is a marginal farmer is also struggling with the same problem.

Under 'District-wide Water Conservation Project' Bharatiya Jain Sanghatana initiated the deepening work of pond. Silt sediments excavated during the earthwork, and transported by the farmers for spreading it in their farms. Nadeem also transported the silt in 350 trips of tractor and spread it in his 3 acres of land.

Silt transported by farmers helped them to grow crops in Rabi season also. Nadeem whose land was infertile earlier has also benefitted with the moisture laden silt.

The deepening of the pond caused increased percolation of groundwater and with this now community is expecting to have increased level of water in the pond which will last for the prolong time.



Raichur Progress so far

Raichur District Summary (Feb'19 to June'19)

S. No.	Taluka	No. of Structures	Excavation in (Cu.M)	Water Storage Capacity Increased (Crores Litres)	Number of silt beneficiary	Villages Covered
1	Raichur	5	4,71,594	47	328	4
2	Lingasugur	5	3,09,556	31	299	4
3	Devadurga	3	15,566	2	22	3
4	Manvi	3	38,880	4		2
5	Maski	1	300	0		1
6	Sindhanor	1	8,724	1		1
	Total	18	8,44,619	84	649	15

Through 'District-wide Water Conservation Project', District Administration and BJS undertook water conservation work in total 15 villages of 6 talukas in Raichur district.

During the period from February to June 2019, earthwork conducted in total 18 water structures by removing silt from 16 tanks and 02 nalas. As a result of excavation, water storage capacity increased in the vicinity by 84 crores cubic litres.

Total 8,44,619 Cu.M. of silt excavated during earthwork which was transported by 649 local farmers to their fields at their own cost. Fertile silt will help farming Community to increase crop production.



Dist - Raichur





Dist - Raichur



Latitude: 16.167948
 Longitude: 76.964758
 Elevation: 431.53m
 Accuracy: 3.0m
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Bharatiya Jain Sanghatana
DISTRICT-WIDE WATER
CONSERVATION PROJECT
YADGIR

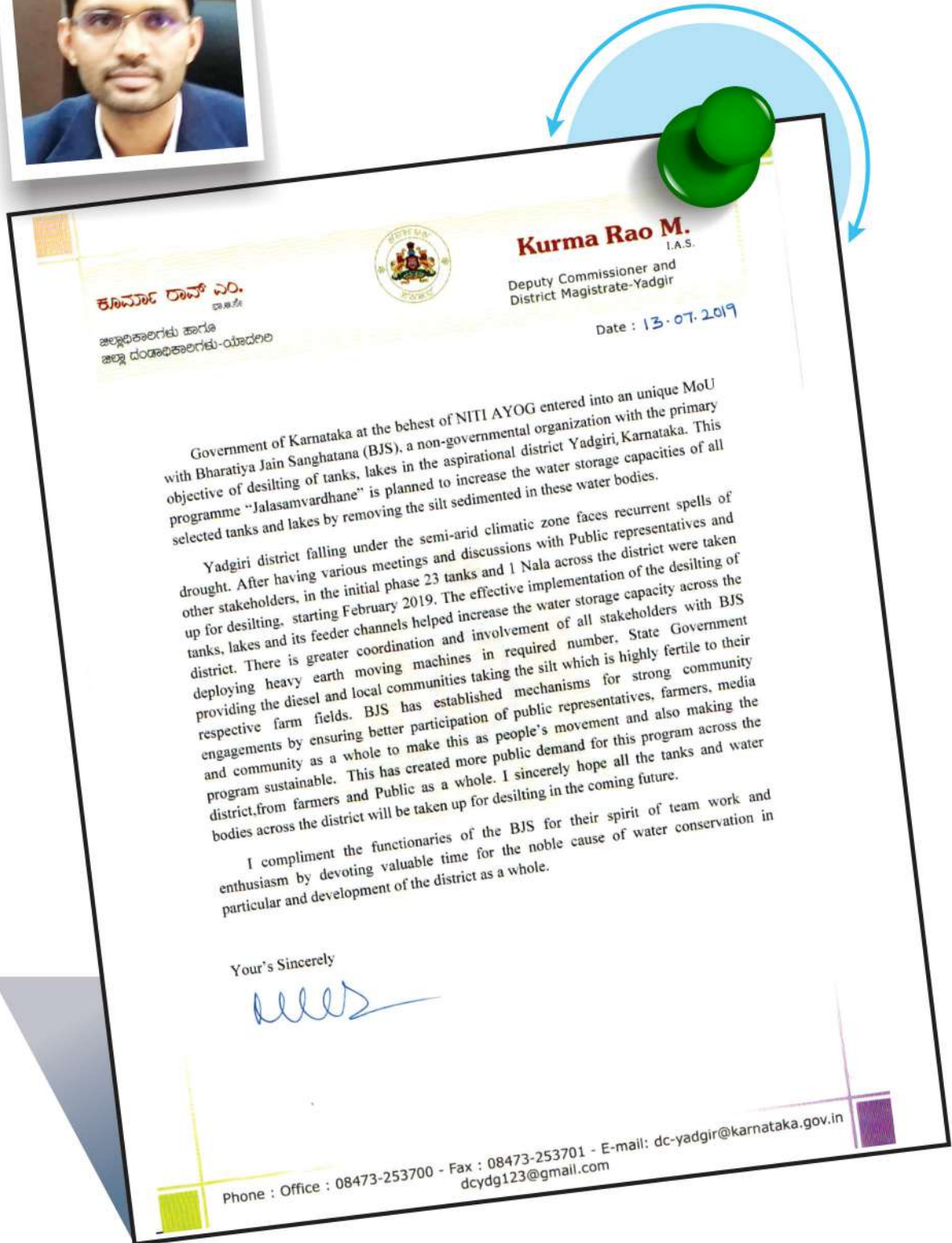


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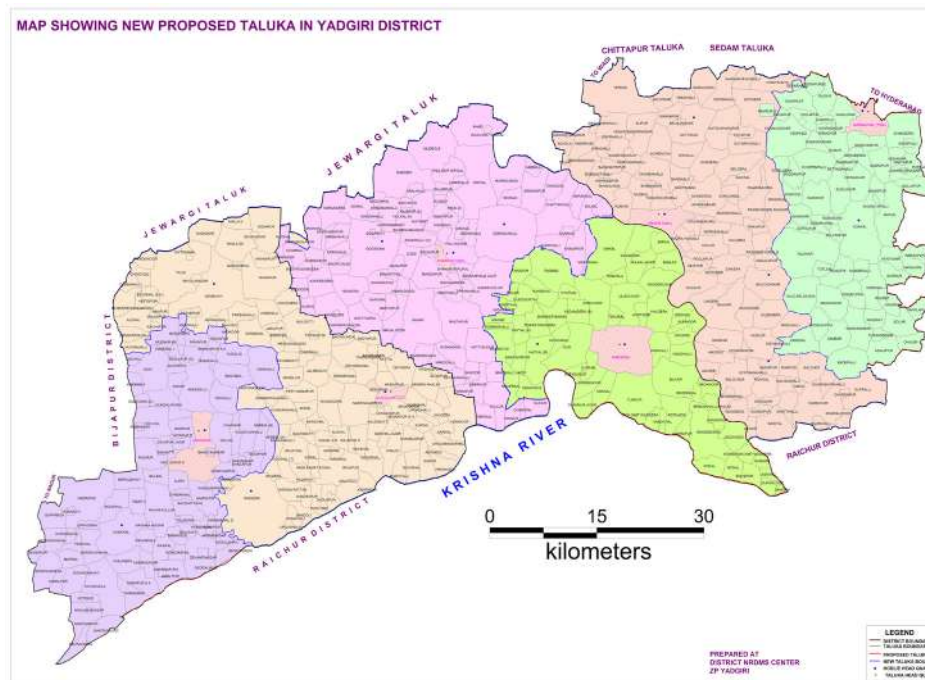


Shri Kurma Rao M., IAS

*Deputy Commissioner and
District Magistrate - Yadgir*



A. Rationale for Selection of Drought-Prone District 'Yadgir'



Taluka map of Yadgir

Taluka	06
Villages	519
Population (As per 2001 Census)	11,72,985

Yadgir is the 2nd smallest district in the state and situated in the northeast part of the state. It also falls under the most arid band of the country and has been listed under the most affected drought-prone areas in Karnataka state.

List of Talukas declared as drought affected during Rabi (North East Monsoon) 2018-19 in Yadgir District (Ref. V)

S. No.	Taluka	Total Villages
1.	Shorapura	119
2.	Hunasagi	82
3.	Shahpura	90
4.	Wadgera	64
5.	Yadgiri	94
6.	Gurmitkal	70

It lies in the northern plains of Karnataka and has a semi-arid type of climate. The climate of this district is generally dry and in summer it reaches upto 48 to 50 degree Celsius. Variation in the rainfall also impacted agriculture production in the district.

The soil types in the district are deep black, medium black soil, shallow soil, and lateritic soil. The deep and medium black soil covers practically the entire district's area, except a small part towards the northern part of the district.

It is predominantly agriculture district and most of the agriculture area is rain-fed. The major crops grown in the district are Jowar, red gram, sunflower, and groundnut.

During the pre-monsoon period, there is depletion of groundwater level due to exploitation, natural discharge, and no recharge. This is manifested as fall in groundwater level during the pre-monsoon period.



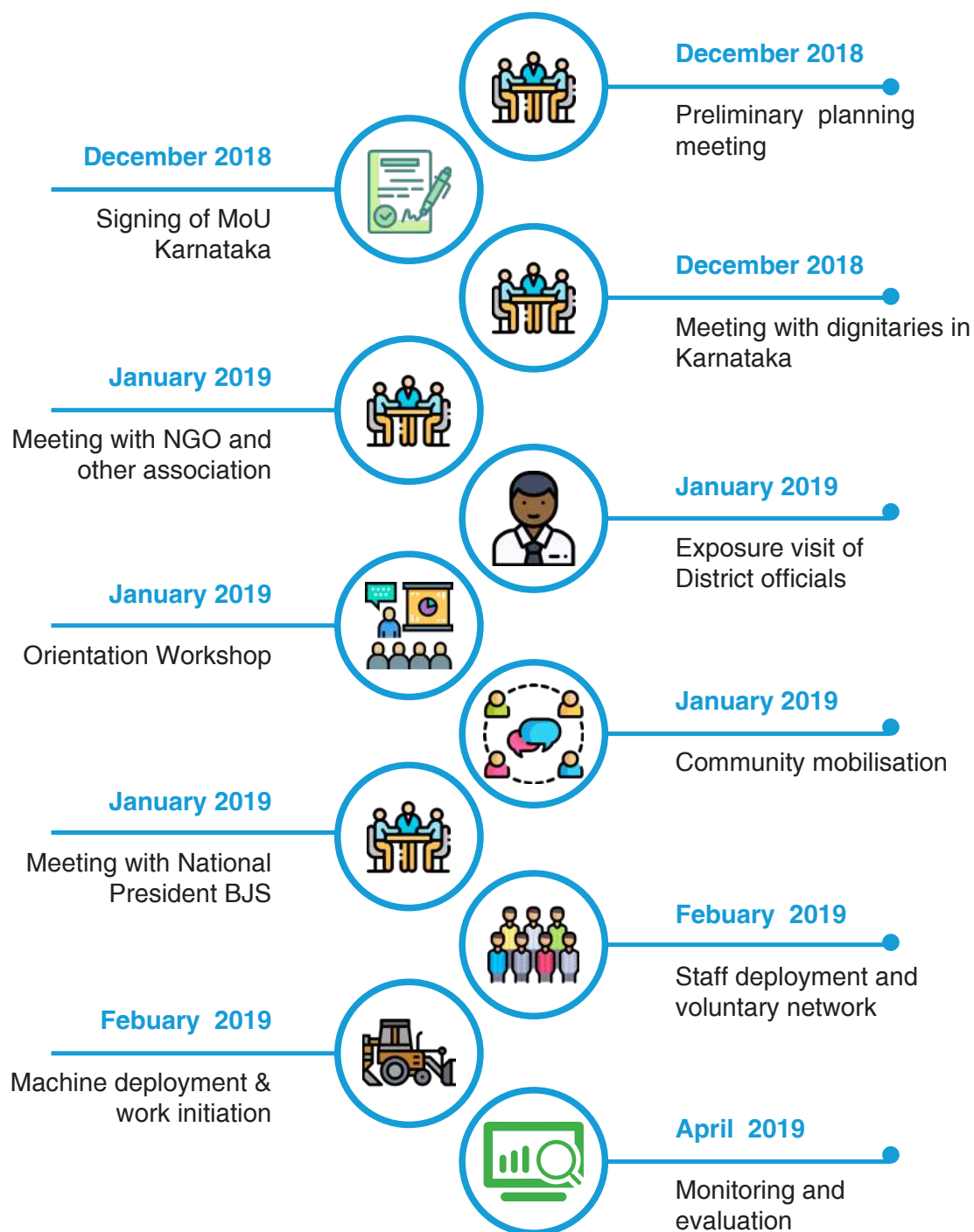
Women await their turn to extract water from a pit on the river bed near Nandihalli of Shahpur taluka in Yadgir district

Yadgir is one of the most backward districts in the state. The district is drought-prone, which further adds to the vulnerability of the poor” (Institute of Human Development, 2008).

Reference:

- i. Ground water Information Booklet, Yadgir District, Central Ground water board
- ii. <https://www.deccanherald.com/content/542930/dcs-held-responsible-lapses-drought.html>

Project Progress Footsteps – Yadgir



1. Project Inauguration in Yadgir

In Yadgir district 'District-wide Water Conservation Project' inaugurated on 26th February 2019 at Zinkera.site.



Inauguration of 'District-wide Water Conservation Project' in Yadgir

Following honourable dignified guests were present at this occasion:

- Hon'ble Yadgir District In-Charge Minister and Minister for Mines and Geology GoK, Shri Rajshekhar B. Patil
- Hon'ble Raichur District MP, Shri B.V. Naik
- Hon'ble ZP President, Yadgir, Shri Rajshekhar Gouda Vajjal
- Hon'ble MLA Gurmitkal, Yadgir, Shri Nagana Gouda Kandakura
- Hon'ble Deputy Commissioner and District Magistrate – Yadgir, Shri Kurma Rao M., IAS
- Hon'ble Chief Executive Officer ZP, Kavitha S Mannikeri

2. Staff Deployment

For Yadgir district level project operations, District Manager and Taluka Coordinators were recruited after detailed interview and selection process in February 2019.



Yadgir Project Team

3. Induction Training of Project Team

For the newly recruited Yadgir team orientation trainings were arranged at BJS Head office Pune on 14th and 15th March 2019. Training sessions included information regarding the operational guidelines as well as technical course of action to be followed during project implementation in the district.

4. 'Exposure visit' to 'Buldhana, Maharashtra' for Yadgir District Administration officials, Karnataka

Exposure visit to Buldhana, Maharashtra was organised on 12th and 13th January 2019 for the District Administration officials of Yadgir district. Experiential learning gained from the project sites in Buldhana helped the team to get an insight about the operational and technical challenges.



Exposure visit of District officials, Yadgir district, Karnataka

5. Orientation Workshop for District Administration

After the exposure visits, State Government of Karnataka and BJS arranged the 'Orientation Workshop' for District Administration officials on 14 February 2019. All the concerned stakeholders from district administration, taluka committee and village committee participated in the training and were oriented about guidelines and responsibilities towards the success of the project.



Orientation Workshop for District Administration officials, farmers and volunteers

6. Prioritisation of Water Structures by District Administration:

District Administration identified 350 water structures in Yadgir district. Technical feasibility assessments undertaken to check the feasibility of the earthwork and accordingly 17 water structures finalised for earthwork. District Administration finalised scope of work with due consultation of structure owner department and taluka committee members.

S. no.	District Name	Total number of water structures identified	Total number of water structures prioritised
1	Yadgir	350	17

7. Community Mobilisation

BJS team sensitised the community members about the water management practices. Tractor and tipper owners were also oriented about the project work to make sure their cooperation for transportation of the silt to farmer's land. Farmer meetings, Gram Sabha and community meetings bring positivity and enthusiasm among the villagers.



Community Mobilisation, Yadgir

8. Deployment of Earth Moving Machines and Initiation of Earthwork

In the priority water structures heavy earthmoving machines deployed and earthwork initiated. List of water structures where the earthwork initiated were as follows:

Sr. No.	District	Taluka	Structure Name
1	Yadgir	Gurumitkal	Badepalli Tank
2			Jaigram Tank
3			Karengi Tank
4			Wanksambar Tank
5			Kandkooor Tank
6			Rampur Tank
7			Zinkera Tank
8		Shapur	Hosakera Tank
9			Mudbole Tank
10			Nadihal Tank
11			Naikal Tank
12			Shahapur Tank
13		Shorapur	Bairamatti Tank
14			Balshettihal Tank
15			Bomnalli Tank
16			Rayanpalya Tank
17		Yadgir	Chamnalli Tank
18			Ibrahimpur Tank
19			Mailapur Tank
20			Ramasamudra Tank
21			Yadgir Tank
22			Yadgir Tank Nala
23			Yedhalli Tank
24			Yergol Tank



Earthwork in Yadgir District

9. Periodic Review and Monitoring

a. Review and Monitoring by BJS Team

BJS institutionalised the dual monitoring system- Centralised and district level monitoring system. For internal monitoring, BJS deployed team at head office and at field level. Reporting system developed in such a way that all the ground level information at all project sites will reach to the head office on daily basis.



Field review by BJS Project team

b. Monitoring by State Administration

The State Government also developed monitoring system at state, district and taluka level for regular monitoring:

Regular review and meetings conducted by the state level officials to monitor the project progress.

- On 15th May 2019, Hon'ble Karnataka Tourism Principal Secretary and Mysore Regional Commissioner, Shri T.K. Anil Kumar, IAS; DC Yadgir District, Shri M. Kurma Rao, IAS; CEO Smt. Kavita Mannikeri; and other senior officials reviewed the project progress and gave valuable inputs.



Review meeting by State and District level officials

- On 28th June 2019, Hon'ble Commissioner, Watershed Development Department, Shri Prabhash Chandra Ray, visited the project site and reviewed the project progress. He visited Shorapur Taluka Balashettihal Lake along with other dignified district level officials and discussed about scope of work, and period of earthwork, machines details and consumption of Diesel. He rejoiced seeing water restored in the water structures after the arrival of rains.



Visit of Hon'ble Commissioner, Watershed Development Department, Shri Prabhash Chandra Ray

c. Monitoring by District Administration:

To review the project progress on concurrent basis, under the Chairmanship of the District Collector, a mechanism for weekly monitoring system institutionalised. Since timely diesel supply to the machines is the most crucial aspect of the operation, District Administration devised a mechanism of regular supply of diesel after due consultation with the diesel pump owners.

- On 3rd June 2019, a meeting held at District Commissioner office. Agenda of the meeting included review of the project work, assessment of the pending payments of petrol pump owners, discussion regarding the completion of the ongoing work by June end and preparation for the next phase of project work.



Meeting at District Commissioner Office on 3rd June 2019

- District Administration officials paid regular visits to the project site to assess the project progress. On 7th June 2019 Yadgir District In-Charge Minister, Shri Rajshekar Patil, MLA Shahapur visited the project site along with DC Yadgir, Shri Sharanbassappa Darshnapur, District Commissioner, Shri M. Kurma Rao, IAS and CEO, Smt. Kavita Mannikeri.



Visit of Yadgir District In-Charge Minister, Shri Rajshekar Patil, MLA Shahapur; Shri Sharanbassappa Darshnapur, Yadgir DC, Shri M. Kurma Rao, IAS and ZP-CEO, Smt. Kavita Mannikeri on 7th June 2019

d. Monitoring by Taluka Committee

At each taluka, one taluka committee formed for day-to-day review and monitoring of work. Taluka committee conducted regular monitoring of the project through site visits and periodic meetings.

e. Monitoring by BJS volunteer Network

BJS volunteers extended overwhelmed support for project implementation, and monitoring. They played critical role in communication and coordination with Government officials, media, businessmen, corporate and community.

Yadgir Progress so far

Yadgir District Summary (Feb'19 to June'19)						
S. No.	Taluka	No. of Structures	Excavation in (Cu.M)	Water Storage Capacity Increased (Crores Litres)	Number of silt beneficiary	Villages Covered
1	Gurmitkal	7	4,20,315	42	1,433	7
2	Shahapur	5	1,66,838	17	1,052	5
3	Yadgir	8	7,68,199	77	1,871	7
4	Shorapur	4	3,40,232	34	985	4
	Total	24	16,95,583	170	5,341	23

In Yadgir district 'District-wide Water Conservation Project' initiated in last week of February 2019. During the period from February till June 2019, earthwork conducted in total 24 Water structures which includes 23 tanks and only 01 nala.

As a result of earthwork and excavation, water level increased by 170 crores cubic litres and benefitted total 23 villages covering 4 talukas.

Silt and sediment particles were removed from water bodies to augment the water level. Total 16,95,583 Cu.M. silt segregated from water bodies were carried away by 5341 farmer's to thier farmlands at their own cost and utilised for improving their agriculture production. Fertile silt will help farming Community to increase crop production.



Impact of 'District-wide Water Conservation Project in Yadgir, Karnataka





Dist - Yadgir



IV. Way ahead!

'District-wide Water Conservation Project' has made significant progress from February till June 2019.

This model has not only contributed to the larger goal of 'Jal Samvardhane Program' but also mobilised the CSR and other social organisations working for same purpose. The project has been conceived now as public movement with the strong community engagement and active participation of various stakeholders - public representatives, farmers, media, and community.

During the period of five months, earthwork conducted in 42 water bodies. Karnataka is

one of the severely drought affected states in India. Hence there is huge scope of work. Successful implementation of the project created demand in other districts of Karnataka from farmers and public representatives as a whole.

Considering the huge scope of work in both the districts, BJS is working towards strengthening its capacity in the area of technology and program management in view of expanding its scale of operations. BJS urges CSR and other donor agencies to join the movement to overcome the drought calamity in the country.

V. Awards and Recognitions



SKOCH Awards celebrate human excellence and agents of change in Indian society. The Awards are based on the philosophy of spearheading positive socio-economic changes through recognising persons who have contributed immensely to transformations in society and governance by displaying exemplary leadership abilities.

'Jal Samvardhane' project has been awarded by 'SKOCH Award 2019' for the 'Water Conservation' initiatives conducted under 'District-wide Water Conservation Project'.



Skoch Award 2019



Skoch Award 2019

Appreciation letter by NITI Aayog for Government of Karnataka

अमिताभ कान्त
Amitabh Kant
मुख्य कार्यकारी अधिकारी
Chief Executive Officer



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D.O.No. 87555/ADP/2019/CEO/NITI

June 19th, 2019

Dear Shri Bhaskar,

It gives me great pleasure to inform you that on the basis of incremental progress in January-February 2019, Yadgir district has secured 1st rank in Agriculture and Water Resources. NITI Aayog compliments the officers whose tireless effort has earned them the position mentioned above.

As per the guidelines of this special initiative, yadgir has become eligible for a one-time additional allocation of Rs. 3 cr. This is in the nature of untied allocation. The District is required to prepare a plan of action in consultation with State and Central Prabhari officers and to send the same to NITI Aayog in a prescribed format (copy attached) with their recommendations within a fortnight. This would be considered by the Empowered Committee of Secretaries, constituted for Aspirational District Programme for approval.

I would request you to direct the officers concerned accordingly. I am also copying this letter to the Central Prabhari Officers and DM/DCs concerned.

With Regards,

अमिताभ कान्त
20/06/2019
उप नगरपालिका
उप
म.प.

Yours sincerely,

Amitabh Kant
(Amitabh Kant)

Shri TM Vijay Bhaskar,
Chief Secretary,
Govt. of Karnataka,
Bengaluru



Navalkal Kere,
Karnataka





Bharatiya Jain Sanghatana

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