



## Summary of Participating Institutes' activities on water management under UBA 2.0

1	Name and Address of the Institute		Visvesvaraya Technological University "Jnana Sanagama", Belagavi – 590018, Karnataka.
2	Duration of UBA 2.0 participation (Month and Year)		Dec 2017- to till date.
3	Names of the villages adopted		1.Santi bastwad 2.Kalenatti 3.Tirthkunde 4. Gowaliwad 5. Valmiki Nagar
4	Brief on ongoing or completed activities and engagements in the domain of water management		
	Name of the villages (where activities were performed)	Names / number of beneficiaries	Nature of Activities (Ex. Improving drinking water source/supply; Enhancing water use efficiency in irrigation; Improving sewage management and sanitation practices; Reuse of wastewater; Rainwater harvesting etc.)
	1.Santi bastwad 2.Kalenatti 3.Tirthkunde 4. Gowaliwad 5. Valmiki Nagar	-	Farmers in surrounding villages have medium & Small Landholdings. But they have not been able to use their land effectively. This is because the region suffers from shortage of water. Paddy, the main crop grown in the villages, is a water guzzler. And so, surrounding village farmers typically cultivate paddy only on a third of their land, as water from their bore wells
	<p style="text-align: center;"><b>Director</b></p> <p style="text-align: center;"><b>Internal Quality Assurance Cell (IQAC)</b> <b>Visvesvaraya Technological University</b> <b>Belgavi - 590018</b></p>		



		<p>cannot irrigate entire area. In this region they are using flood irrigation method, this method consume more water than drip irrigation.</p> <p><b>In this context, VTU take initiative to educate farmers on to adopt drip irrigation for Paddy crops. Drip Irrigation provides the Saving of :</b></p> <p>water: 30 to 80%.  Power by 50%  Fertilizer:30% to 50%  Pesticides:20% to 40%  Labour:50%</p>	
5.	<p>Brief on proposed village-level activities and engagements in the domain of water management (Maximum 5 bullet points)</p> <ul style="list-style-type: none"> <li>• Survey was done to know the cropping patterning in the villages.</li> <li>• Method adopted for cropping and its water availability.</li> <li>• We introduce drip irrigation to village farmers for Paddy crops.</li> <li>• VTU has taken initiative to training farmers to adopt drip irrigation for cultivation of paddy crops.</li> </ul>		
6	<p>Details of any funds mobilized for UBA 2.0 activities in the domain of water management</p>	<p>VTU has collaboration with Jain Irrigation Systems Ltd. They are installed Drip irrigation instruments in VTU campus with cost of Rs.10 Lakhs.</p>	

Declaration: The particulars above are true to the best of my knowledge.



**Director**

**Internal Quality Assurance Cell  
(IQAC)**  
**Visvesvaraya Technological University,  
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