

GOVERNMENT DEGREE COLLEGE, NARASANNAPETA

DEPARTMENT OF MATHEMATICS

COMMUNITY SERVICE PROJECT REPORT

Submitted in the partial fulfillment for B.Sc (M.P.C) Internship

(Batch 2022-2023)



PROJECT NAME: WATER FACILITIES AND DRINKING WATER AVAILABILITY

Submitted by

(NIMMADA JAGADEESWARARAO)

(Reg No :2022004052025)

B.Sc (M.P.C) 3rd Semester

Under the Mentorship of

A.PAVITRA

Lecturer in Mathematics

Government Degree College, Narasannapeta

Srikakulam District-532421



GOVERNMENT DEGREE COLLEGE, NARASANNAPETA SRIKAKULAM DISTRICT

(Accredited with B by NAAC Ph: 08942-277007 email.id:narasannapeta.jkc@gmail.com Website:www.gdcnarasannapeta.ac.in)

DEPARTMENT OF MATHEMATICS

CERTIFICATE

Certified that the project report titled

"WATER FACILITIES AND DRINKING WATER AVAILABILITY" is the bonified work of NIMMADA JAGADEESWARA RAO (Reg .No :2022004052025)

who carried out the project work under the supervision of Smt A Pavitra.

Signature of the Mentor

(A Pávitrá) Govt. Degree College

NARASANNAPETA

DATE: STATION:

DECLARATION

I hereby declare that the project report titled "WATER FACILITIES AND DRINKING WATER AVAILABILITY". This has been undertaken for the purpose of partial fulfillment of B.Sc(MPC) in Govt.Degree College, Narasannapeta.

N. Lagadelswala has Signature of the student

Date:

(Reg No: 2022004052025)

GOVT. DEGREE COLLEGE
NARASANNAPETA-532 421
NARASANNAPETA-532 421

ACKNOWLEDGEMENT

It is really a matter of pleasure for me to get an opportunity to thank all the persons who contributed directly or indirectly for the successful completion of the project "WATER FACILITIES AND DRINKING WATER AVAILABILITY"

in Village I wish to express my gratitude to the Ward member and sarpanch of T. Lakshan i-Two do a community service project in the summer. They provided me with their assistance and support whenever needed, which has been instrumental in completion of this project.i am thankful to Smt M.Shanthi ham, Principal of Government Degree College, Narasannapeta for their support and encouragement throughout the tenure of the project, Also I am thankful to my faculty mentor Smt A.Pavitra, lecturer in Mathematics Government degree college, Narasannapeta for being a source of support during this training period.

N. Tagadelswalla hao STUDENT NAME (-----) Reg No: 2022004052025

SOCIO ECONOMIC SURVEY

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GOVERNMENT DEGREE COLLEGE-NARASANNAPETA DEPARTMENT OF MATHEMATICS LOG BOOK FOR COMMUNITY SOCIAL SERVICE PROJECT

Name of the Student

: N. Egadeeshwara Rao : I B. Sc (M.P.C)

Group

Register No

: 2022 004052025

S.No	Date and Day	No of Houses visited	Activity Conducted	Signature of the student
1.	02/06/2022	3	Water facilities &	1
	Thursday		Oxiding Klater Availability	N. Togodel/sologion
•			0 1	
2	03/06/2022	2	Collected Survey to	
	Fxiday		Water facilities	D. Tagadel sward
3	04/06/2022	2	Water Facilities Explain	N. Tagadees word
	Saturday			
4	05 06 2022	3	Conducted Survey on	
	Sunday		Water facilities & Dainking	
	7		Noto Availability	N. Tagadelswagac
5	06/06/2022	4	Conducted Survey &	
	Monday	•	Suthering to Problems	D. Tagadel Simple
6.	07/06/2022	3	How To Clean Water.	
	Tuesday		To Explained.	10. Tagadelsward
٦.	08/06/2022 Wednesday	3	In this survey Problems gathered.	N. Lagadelsword

A. Parit



Letitude 18.40578333333332°84,06655666666666 Altitude -33 meters Thursday, 02-06-2022 Local 09:39:52 AM GMT 04:09:52 AM



C348+3M6, Srikakulam, Andhra Pradesh 532421, India Longitude 84.06664166666665° Allitude -45.3 meters Thursday, 02-06-2022 Local 02:34:38 PM GMT 09:04:38 AM 18.40576°



C26X+MPH, SH 92, Narasannapeta, Andhra Pradesh 18.405821666666688 84.06671666666688 Altitude -35.5 meters Sunday, 05-06-2022 532421, India Local 09:11:46 AM GMT 03:41:46 AM









Local 10 29:52 AM GMT 04:59:52 AM



Comera Lite

C348+3M6, Srikakulam, Andhra Pradesh 532421, India

84.06653666666688"

Altitude 32.7 meters. Tuesday, 07.06-2022

18.405705° Local 09.27.12 AM GMT 03.57.12 AM





84.06655333333335°

Altitude -32.4 meters Tuesday, 07-06-2022

Local 09:28:59 AM GMT 03:58:59 AM

Lattude 18,405735°





	of the Student :		Register No	:				
	Semester / Year/Course/Group : Name of the Guide/Mentor and Department : Series Project - Socio Economic Survey							
	Community Social Service Project –Socio Economic Survey							
	ress of the family :							
1	ly Details :	Gender	Age	Education	Profession			
S.NO	Name of The Person	Gender						
3 Socia	al Status details : i)Caste	: (SC/ST)	/BC-A/B/C/D /	/OC)				
3. 500.	ii)Religio							
4 Fcon	omic Status details :							
i) Tv	ne of House Building : Hu	t/semi pucca/pucca/apa	artment/bung	low/rented or own				
ii) Av	ailability of Agricultural la	and : Yes/No if yes	acres.					
iii) N	emes of crops .			NOTE AND AND KNOWN TO A				
iv) Ca	ttle:cows	OX	-buffaloes	sheep/goats				
v) Do	you have own toilet : Ye	s/No						
vi) Ty	pe cooking fuel used : LP	G/Kerosene/Electricity/	wood/others	specity				
	o you have vehicle : two	wheeler/ auto/car/any	other vehicle					
	Ith Details :							
	seases in family :	: CI - V/No						
The refine to the	you have Government A	rogyasri Cara : Yes/No						
	er details :							
	you have TV : Yes/No	n · Vos/No						
II) Do	you have Dish connection annels watched regularly	n : res/NO / : 122	3 -					
iii) Ch	you have Mobile: Yes/N	o Mohile number:	Laptop :v	es/no,internet avai	ilability : Yes/No			
2.5	nternet available at home		Laptopii	, 65, 110, 1111				
	ne of the Govt. Schemes							
/. Nam	ananna Vidhya Deevena/	Jagananna Vasati Deev	ena / Raithu I	Bharosa /Any othe	r:			
	three problems faced in							
o. Any	and problems invention							
Place :		ianatura of the Monter		Signature of the	Student			
Date:	5	ignature of the Mentor		orginature or the .	J. Gudene			

1. Address of the family: Pathus	lucu) polari	ct -Socio Econ	makulom (0)	
. Family Details :			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
NO Name of The Person	Gender	Age	Education	Profession
1. M. Adiri, bidu	male	40	illiterate	tarmer
2. N. Ravanamma	female	35	illiterate	house wife
3. W. Jagadeesh	male	20	degree	Student
4. N. Revathi	Temale	15	10 74	Student
1) Type of House Building: Hut/se ii) Availability of Agricultural land iii) Names of crops: Ye/> iv) Cattle:cows v) Do you have own toilet: Yes/N vi) Type cooking fuel used: LPG/K vii) Do you have vehicle: two wh 5. Health Details: i) Diseases in family: NO ii) Do you have Government Arog 6. Other details: i) Do you have TV: Yes/No ii) Do you have Dish connection: N iii) Channels watched regularly: 1 iv) Do you have Mobile: Yes/No,M v) Is internet available at home: Yes/No,M v) Is	: Yes/No if yes ———————————————————————————————————	wood/others other vehicle	Maa-7V yes/no,internet avail	lability: Yes/No

Semeste	the Student: N. Taga er / Year/Course/Group: of the Guide/Mentor and D Community	Ind Year (B.50	:) Em.p.C]	,	2025
Addr Famil	ess of the family: Pathul	Mu LV), polia	ki cm), sti	Kakulam (0)	
5.NO		Gender	Age	Education	Profession
	N. Yamaxao	male	50_	illiterate	farmer
	N. vaJulu	female	45	illiterate	labour
	N. Bhagyalakchm	female	10	degree	Student
	70.0			J	
ii) Type iii) Ave iii) Na iv) Cat v) Do vi) Ty vii) D 5. Heat i) Dis ii) Do 6. Other	omic Status details: pe of House Building: Hut/s ailability of Agricultural land ames of crops;	Yes/No if yes ———————————————————————————————————	acresbuffaloes/ /wood/others sy other vehicle	Specify——	<u> </u>
v) Is m	you have Mobile : Yes/No,N ternet available at home : Y	Nobile number: 2009 (es/No (₈₂₉₀₇ d aptop :y	res/rho,internet avail	ability : Yes/No
Jaga	e of the Govt. Schemes rec nanna Vidhya Deevena/Ja hree problems faced in the	gananna Vasati Dee	vena / Raithui	Sharosa /Any other	:
Place : Date :	21th Pathw91U sign	ature of the Mento	r 3	N. Togosels Signature of the S	water foo

Semester / Year/Course/Group: T	and year BSC	Register No	: 20220040320	25
Name of the Guide/Mentor and De	Social Service Proj	ect -5ocio Econ	omic Survey	
2. Address of the family : Patho	ion (v), Pos	laki (m)	sijikakulam c	.0)
2. Family Details : S NO Name of The Person	Gender	Age	Education	Profession
1 I I IV.	male	96	Ulterate	furmer
1. N. dayanlarda 2. N. Rama lakshmi	female	36	illiterate	labour
3. N. Srine	male	10	Degree	Ctudent
3.			-	
(m. 1)				
3. Social Status details : i)Caste :	000	ST/BC-A/B/C/D	(OC)	
ii)Religion : 4. Economic Status details :	Hindhu			
ii) Availability of Agricultural land iii) Names of crops: iv) Cattle:	ox	y/wood/others y/wood/others y other vehicle o 10 mini = 1/2, 3. 0 4443 Laptop	maa - TV ves/nb, internet avail	ability : Yes/No
	Pont ture of the Mente		N. Fagadel Signature of the S	Swala Rac

semest	f the Student: N. Tagac er / Year/Course/Group: 1 f the Guide/Mentor and D	epartment:	-Socio Econ	omic Survey	
Addr	ess of the family: Path	wolucv), Polak	i(m), so	Mihahulam (9)
2. Fami	y Details :	Gender	Age	Education	Profession
		male	3.5	inter	Joh
	N. Naidu	female	17	1074	housewife
	N. Rama	male	7	2nd	Itudent
J.	N. Grana				
			/BC-A/B/C/D /	1	
i) Tyrii) Av. iii) Na iv) Cal v) Do vi) Ty vii) D 5. Heal i) Dis ii) Do	omic Status details: De of House Building: Hut/s Bailability of Agricultural land Bailability own Bailability of Agricultural land Bailability own Bailability of Agricultural land Bailability of Agricult	oxovo	buffaloes-	sheep/goats	
i) Don ii) Don iii) Cha iv) Don v) Is int 7. Name Jagai 8. Any ti	r details: you have TV: Yes/No you have Dish connection: nnnels watched regularly: To you have Mobile: Yes/No,N ernet available at home: Yes of the Govt. Schemes recurrence and Vidhya Deevena/Ja hree problems faced in the	elved : gananna Vasati Deev	ena / Raithu I	Bharosa /Any othe	er:
Place :	pathu9/u 3-06-22 sign	ature of the Mentor		Signature of the	elbivata fao Student

		ARTHERI OF			-25
semest	of the Student: No Togo er / Year/Course/Group: of the Guide/Mentor and D	anartment:	Umas		20.75
	Community	Social Service Proje	ct -Socio Econ	offic survey	60
. Adda	ess of the family: Patho	oru CV) Pola	KI CM) >	y hande it	0.)
2. Fami	ly Details:				
S.NO	1 0000	Gender	Age	Education	Profession
F.		male	48	illi terate	taxmen
,,	N. Garaswathi	female	3.5	illiterate	labous
L	N. Jaratwane				
3					
	i co a a deserbe e il Casta :	DC-B (SC/ST	/BC-A/B/C/D	/OC)	
3. Socia	Status details : i)Caste :	Hindhu			
1 5					
	Cu Duilding : Hut/s	emi pucca/pucca/ap	artment/bung	low/rented or own	
4.5	I Lillan of Agricultural land	: Yes/NO II yes	40.00.		
iii) Na	imes of crops :	ab Ab	hffalaas /	the cheen/goats	<u></u>
iv) Cat	tle:cows	ox	-burraioes	3116cb\ Books	
	· · · · · · · · · · · · · · · · · · ·				
VI) TY	you have own tollet: testing to cooking fuel used: LPG/I o you have vehicle: two wh	cerosene/ciectricity/	other vehicle		
vii) D	o you have vehicle : two wil	eeler autor oon	r.,		
5. Heal	th Details: eases in family : No	<u></u>			
id Do	you have Government Arog	yasri Card: Yes/No			
5 Other	details:				
920020V = 0	TIL Vac/No	V.			
ii) Do y	ou have Dish connection: nnels watched regularly: 1 ou have Mobile: Yes/No,N	Yes/No	aa-TV 3.	Gamini -TV.	
iii) Cha	nnels watched regularly: 1		aug Tanton v	es/no internet avail	ability: Yes/No
IV) Do y	ou have Mobile : Yes/No,N	The number.	(400 captop.)		
v) is int	ernet available at home : 10	25/140			
7. Name	of the Govt. Schemes rece nanna Vidhya Deevena/Jag	ananna Vasati Deev	ena / Raithu	Bharosa /Any other	:
Jagar	nanna vidnya Deevena/Jab	village:	10 Daloh (1)	2.00	
8. Any ti	ree problems faced in the	goraing	e POUDL	7(1-1-4	
				1 = at 20	De voge par
Dlare :	Oat will	10.1		N. Lay ave	lsward pow tudent
Date: A	pathwill 3/06/2012 sight	iture of the Mentor		Signature of the S	(Bacine
	3/00/2012				
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Name of the Student: No Togos Semester / Year/Course/Group: D Name of the Guide/Mentor and De	1		2020040521	25	
Name of the Student: No Togas	heesword ha	Register No:	200000		•
Semester / Year/Course/Group: D	ny year B.s.	([W.L.C)			
		- Casin Econ	omic Survey		
Community 3	ocial service (19)	1	stinahulam (0)	
Address of the family: Path	olucu), pola	KI CHID S	3 libertures . Le		
2. Family Details :	,	· ·		Profession	
S.NO Name of The Person	Gender	Age	Education	Profession	
1. N. Junnalanma	female	53	illitexate	Cabous	
1					
3.			-		
3. Social Status details: i)Caste:	BC-B (SC/S	T/BC-A/B/C/D	(OC)		
ii)Religion:	Hindhu				
4. Economic Status details:	a vi		laur/sastad or olyn		
i) Type of House Building : Hut/se	mi pucca/pucca/a	partment/bung	low/rented of own		
ii) Availability of Agricultural land	: Yes/No if yes	aues.			
iii) Names of crops :		huffaloes	sheep/goats-		
iv) Catrle:cows	OX	Dullalocs	Street, Boots		
v) Do you have own toilet: Yes/N vi) Type cooking fuel used: LPG/K	orocene/Flectricit	/wood/others	specify——		
vii) Do you have vehicle: two wh	eeler/auto/car/ar	v other vehicle			
5. Health Details:	celeif oute, self a				
Diseases in family : NO					
ii) De you have Government Arog	vasri Card: Yes/N	0			
6 Other details:					
- 1 1	1				
i) Do you have IV: Yes/No ii) Do you have Dish connection: \(\frac{1}{10}\) Channels watched regularly: 1 iv) Do you have Mobile: Yes/No,M	es/No Con	407 V	2120 -TV		
iii) Channels watched regularly: 1	Gamini-12.		T-(acc-	V	
IV) Do you have Mobile : Yes/No,M	obile number: 80	640 12 Laptop :	yes/no,internet avai	ability: Yes/No	
v) is internet available at home : Ye	s/No (
T Name of the Good Schemes rece	ived :	*2 02 1			
Jagananna Vidhya Deevena/Jag	ananna Vasati De	evena / Raithu	Bharosa /Any other	:	
8. Any three problems faced in the		nge Polob			
Place: Dathwilu	40.4		N. Tagad	ce swala Ro	٨
Date 03/04/2022. Signa	ture of the Ment	DY	Signature of the S	tudent	
03/04/2012					

Name of the Student: Somester / Year/Course/Group: Name of the Guide/Mentor and De Community	and Jacob B. epartment: Social Service Proje	ct –Socio Econo	omic Survey	
a. Address of the family: Pathot	(a (v), polouki	(m), so	i kakulan w	0)
2. Family Details :			Education	Profession
5.NO Name of The Person	Gender	Age	Education	
1. G. Appayya	male	51	illiterate	tonmen
2. Chinnammi	female	49	illi terate	housemile
2. a chinnammi 3. a Rajagao	male	35	17	Ruiney
s. h. kyague				
	DeBL-A (SC/S			
4. Economic Status details: i) Type of House Building: Hut/si ii) Availability of Agricultural land iii) Names of crops: iv) Cattle: cows v) Do you have own toilet: Yes/N vi) Type cooking fuel used: LPG/N vii) Do you have vehicle: two wh 5. Health Details: i) Diseases in family: ii) Do you have Government Arog 6. Other details: i) Do you have TV: Yes/No ii) Do you have Dish connection: iii) Channels watched regularly: 1 iv) Do you have Mobile: Yes/No,N	Yes/No if yes O (erosene/Electricity, eeler/ auto/car/any yasri Card: Yes/No Yes/No Yes/No Jobile number: 703	-buffaloes/wood/others so other vehicle	sheep/goats-specify	lability: Yes/No
v) is internet available at home : You. 7. Name of the Govt. Schemes rece		1/		
Jagananna Vidhya Deevena/Jag	ananna Vasati Dee	vena / Raithu i	Bharosa /Any other	r:
8. Any three problems faced in the	village : Draim	ge Proble	am	
Place: pathwold Signal	ture of the Mento		N. Tagade	esulata pool Student

Dia 7	CKTIMENT OF		2000	025
Name of the Student: N. Taga	deeswara pa	ORegister No :	20 22004036	020
Semester / Year/Course/Group : I	Ind (B. SC7 (M)	PC		
himmen at the found of Rhanter and In	nartmont:		omic Survey	
Community S	Social Service Proje	et -Socio Econo	A and CD	
and the same of the	Mu (v), Polati	(m), 59114	carulam (b)	
	(0)			
2. Family Details : S.NO Name of The Person	Gender	Age	Education	Profession
1 1 1 1 1 1 1 1 1 1 1 1	male	40	illiterate	tagmen
1. M. venkatraco	Jemale	72	illiterate	Worker
2. M. Waralakshmi		1 8	Dagree	Chident
3. M. Maidu	male		129	
10-11-	8C-B (SC/	ST/BC-A/B/C/D	/oc1	
3. Social Status details : i)Caste :	: Hindhu	31/00/40/4-7		
- Chapter dataile :			1	
4. Economic Status details . 1) Type of House Building: Hut/s	semi pucca/pucca/a	partment/bung	low/rented or own	
ii) Availability of Agricultural land	: Yes/No if yes -	acres.		
F				
iv) Cattle: ———— cows	ox	buffaloes	sheep/goats-	
Da way have own toilet . Yes	No			
Type cooking fuel used: LPG/	Kerosene/Electricit	ty/wood/others	specify	
vii) Do you have vehicle : two w	heeler/ auto/car/a	ny other vehicle		
5 Health Details:				
i) Diseases in family : NO	,	*-		
ii) Do you have Government Arc	ogyasri Card: Yes/r	40		
6. Other details :				
i) Do you have TV: Yes/No			2 277	
iii Do you have Dish connection iii) Channels watched regularly:	: Yes/No	Maa-TV ,	Gaminib-TV	
iii) Channels watched regularly:	1	An Deal Laston	ves /nd internet aval	lahility : Yes/No
ii) Channels watched regularly : iv) Do you have Mobile : Yes/No.	Mobile number 65	ST PLAPTOP	.yes/ no,memer ava	iobinty / respire
V) is internet available at nome.	100/110			
Name of the Govt. Schemes re Jagananna Vidhya Deevena/J	agananna Vasati D	eevena / Raithu	Bharosa /Any othe	r:
Jagananna Vidnya Deevena/	****			
8. Any three problems faced in the	prai	nge prot	plam.	
	1 0 1	3 4 00 8889	المراجب المراجب	Jone nova na
Place: Pathworu	A. Pourt)	N. Faga	delswara pao Student
Place: Pathiotic Date: 04/06/2027 Sign	nature of the Mer	TOP	Signature of the	2(ngéur
04 05/2027				
			8	

Name of the Student: D. Togo Semester / Year/Course/Group: Name of the Guide/Mentor and De Community:	and year osc operatment:			25
1. Address of the family: Pour 2. Family Details:				
S.NO Name of The Person	Gender	Age	Education	Profession
1: N. Gadduya	male	59	illiterate	fanneg
2. N. Gaddyya	Temale	39	illiterate	Lisan
i) Type of House Building: Hut/s ii) Availability of Agricultural land iii) Names of crops: iv) Cattle: ————————————————————————————————————	Yes/No if yes ———————————————————————————————————	acresbuffaloes /wood/others / other vehicle	specify—— specify—— yes/no,internet ava Bharosa /Any other	ailability : Yes/No

Name of the Student: No Too Semester / Year/Course/Group: Name of the Guide/Mentor and D	2nd year Bisc	CMPO		.07.5
1. Address of the family: Patho				
S.NO Name of The Person	Gender	Age	Education	Profession
1. R. Ramarao	male	62	illiterate	farmer
2. 8. lokesh	male	35	Inter	Job
2. B. Joshna	female	29	degreecomples	e housewife
4.				
iv) Cattle: v) Do you have own toilet: Yes/A vi) Type cooking fuel used: LPG/I vii) Do you have vehicle: two wh 5. Health Details: i) Diseases in family: ii) Do you have Government Arog 6. Other details: i) Do you have TV: Yes/No ii) Do you have Dish connection: iii) Channels watched regularly: 1 iv) Do you have Mobile: Yes/No,N v) Is internet available at home: Yes/No,N v) Is internet available at hom	Kerosene/Electricity/ Weeler/ auto/car/any Kyasri Card : Yes/No Kes/No Jobile number: 6301. Kes/No K	wood/others other vehicle 3. Laptop:	Specify—— Glamini - TV yes/no, internet avail Bharosa / Any other	
Place: Pathu91U Date: 25/06/2022 Signa	ture of the Mentor		N. Tagade Signature of the S	USWATA ROC Student

GOVERNMENT DEGREE COLLEGE-NARASANNAPETA DEPARTMENT OF MATHEMATICS Name of the Student: N. Kagadel swala par Register No: 2022004052025

Semeste	er / Year/Course/Group : of the Guide/Mentor and Do	end year Bisic	ect -Socio Econo	omic Survėy	
	ess of the family: Patho	olucy)			
	y Details : Name of The Person	Gender	Age	Education	Profession
5.NO .	Name of the Person		PA.	i li terate	fanner
1.	M. Karainna	male	50	illiterate	labour
2	M. Chinnammady	Temale	4.	ITI	farmer
2.	M. Simhachalam	male	32	Inter	tyler
4.	11. Kalyani	female		g Th	Student
5:	M. Kumali	female 1501	ST/BC-A/B/C/D/		3100
3. Socia	Status details : i)Caste :	. 11	31/00/40/4-7		
	ii)Religion :				
4. Econo	omic Status details: De of House Building: Hut/s	emi pucca/pucca/a	partment/bungle	ow/rented or own	
i) !YP	allability of Agricultural land	: Yes/No if yes	acres.		
iii) Na	mes of crops :		L#F-loos	sheen/goats-	
ivl Cat	tle : cows	ox	Битаюез	The Sticeby Boots	
		0 /Electricit	wood/others s	pecify	
		APACADA/ Election	v other vehicle -		
vii) De	o you have vehicle: two wil	eeler/ auto/car/ai	·		
5. Healt	h Details:				
i) Dise	eases in family : NO you have Government Arog	vasri Card : Yes/N	0		
ii) Do v	you have government , a se				
6. Other	ou have TV : Yes/No	. /			
I) Do y	ou have Dish connection:	es/No	naa-TV	Zee Tegugu	
11) 120 y	ou have Dish connection: ' nnels watched regularly: 1 ou have Mobile: Yes/No,N ernet available at home: Yes	2		as /ax internet avail	ability : Yes/No
and Day	ou have Mobile: Yes/No,IV	70	57-23627	es/110,111ternet avail	
v) is inte	ernet available at home : Yo	s/No			
7. Name	of the Govt. Schemes rece	ananna Vasati De	evena / Raithu E	harosa /Any other	:
8. Any th	ree problems faced in the	village:	e problam	*	
					LAMAAA
Place:	pathwin.	Ture of the Mente		N. Tagadel, Signature of the S	tudent han
Date : 00	pathworu. signa 6/06/2022	iture of the Ment	и	Jigharaic o	

Semest	of the Student: A Tagas er / Year/Course/Group: of the Guide/Mentor and D	2nd M Bisc [Mit	.()		25
1. Addr	ress of the family: Pathu	Macv), soi Maku	lam (D), Po	laki (m)	
2. Famil 5.NO	ly Details :	Gender	Age	Education	Profession
		male	50	illiterate	Farmer
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WATER FACILITIES AND

DRINKING WATER AVAILABILITY

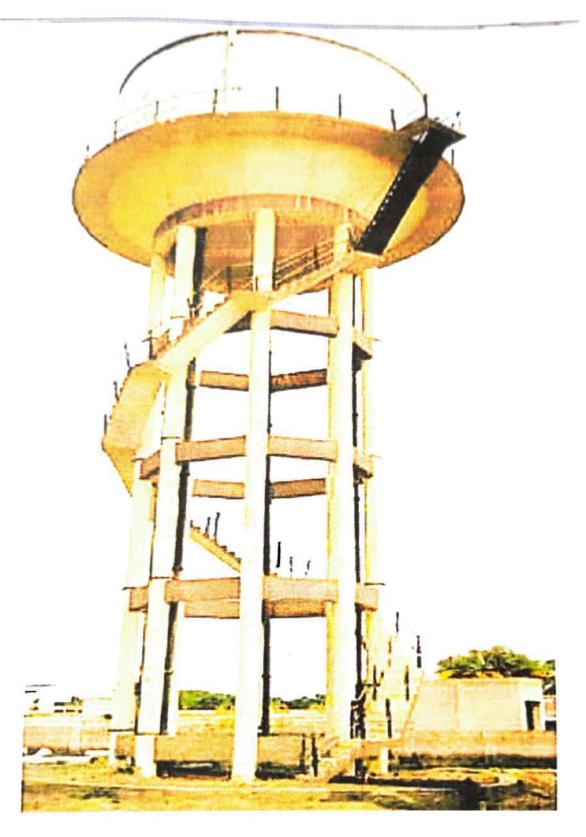
PROJECT REPORT

STUDENT NAME: N. Jagadeeshworkon MENTOR NAME: A. PAVITRA

REGISTER NO: 2022004052025

GOVT.DEGREE COLLEGE

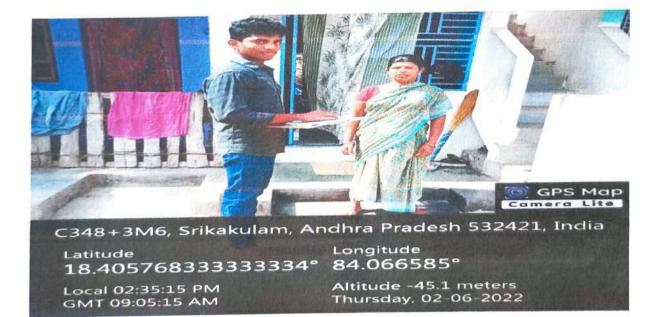
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Water tank in KUSUMAPOLAVALASA Village
But there is no Water to provide that village.

PHOTOGRAPH





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INTRODUCTION

Community Service is considered the Backbone of the modern education system. Educational Institutions play an important role in the development of the Indian economy. Educational Institutions had played an important role in bringing Educational revolution, in removing indifference of wealth, and in attaining Balanced Regional Development.

Before the New Educational Policy, the condition of the education system was very terrible. Students were merely spectators and got knowledge in a mechanical manner. There was no connectivity between Industry and academia. There was no direct contact and impact of the student on society.

New Educational Policy stressed the need of student service to the Community and Industry-academia connectivity. This enables the student to learn and understand societal issues and tries to give an amicable solution. He became a participant in the country's development process. As a part of this, this Community Service Project has been done.

ABOUT TOPIC: "WATER FACILITIES AND DRINKING WATER AVAILABILITY"

1 Introduction

Water supply is one of the basic services for demographic, social and economic development of a society and its provision is made compulsory by Public Administrations. Law 7/1985 Regulating the Local Regime Databases determines, in articles 25.2 and 26.1, that the supplying of drinking water is a service that comes under the jurisdiction of municipalities, although it may be managed directly by municipal councils themselves, or indirectly via other, private or public legal entities.

Urban demand for water shows a great deal of uniformity in its use, this being one of its main features. This is because it includes both domestic use and other uses of water, such as municipal, collective, industrial, commercial, as well agricultural use. In turn, the tourist industry and the second homes generate, in many areas of Spain, a large demand on its supply, and may even end up exceeding demand corresponding to the population habitually resident there (resident population).

The need to have access to reliable and regular data regarding uses of water is without question. In light of this, developing a statistical information system for monitoring and assessing current and future political actions regarding water management in Spain.

The Survey on Water Supply and Sanitation presented here has been designed to serve the aforementioned purposes. This survey is framed within operation 6091 "Statistic on water supply and sewerage"which appears in the National Statistical Plan 2013-2016.

2 Objectives

The main objective of this survey is to quantify in physical units and value in economic magnitudes the activities relating to the so-called *integral water cycle*. comprising water supply and treatment (sewerage system and filtering of waste water).

Other survey objectives are:

- To provide information necessary for drafting water satellite accounts.
- To meet the demand for this type of data by different users (national and international bodies, companies in the sector and public administrations).
- To integrate the information obtained with data provided by INE company economic surveys (industrial and services) in order to gain a fuller picture of the water situation in our economy.
- To draft synthesis indicators enabling interpretation of results obtained from users.

3 Description of the production activity

Water supply is a service that comes under municipal jurisdiction, and that can be managed directly (management by the actual Municipal council or municipal company) or indirectly via mixed companies, concessions to private companies, or consortia. Management may also be undertaken by local supramunicipal bodies (associations of municipalities, metropolitan areas or groups of municipalities) or Autonomous Community ones (Autonomous institutions and bodies, consortia between local and Autonomous Community administrations).

Urban demand for water is uniform in terms of its use and the pricing structures do not allow for consumption classified according to type of user to be assessed reliably. This inconvenience jeopardises the reliability of water use estimates classified by economic sector, thereby making it essential to cover other surveys enabling a more accurate estimate of water use by economic sector such as the use of water in the industrial and services sectors.

In order to avoid repetitions, the activity of high-level water distribution is differentiated from other integral water cycle activities. This activity is characterised by collecting water from the environment in order to supply those managing urban water, the latter being responsible for low-level water distribution via supply networks to end users, such as households and economic sectors (industry and services) and where appropriate, agriculture in the livestock subsector. High-level water collection is undertaken by associations or groups of municipalities and other administrative institutions (hydrographical confederations, water companies or administrative bodies attached to the Autonomous Community Administration).

Despite there being an obligation to monitor and treat the wastewater, the main drive in this respect came about with the enactment of Community Directive 91/271/CE, relating to treatment of waste water (and its subsequent amendments, Directive 98/15/CE). The implementation of the National Sewage and Wastewater Filtering Plan, as a tool for planning sewerage and waste water filtering infrastructures, has entailed the signing of agreements between public administrations, in order to speed up the approving of operational programmes when dealing with compliance with the community directive.

Regarding this issue, municipal councils and Autonomous Communities are also responsible for this public service, which may be managed, as with water supply, directly (self-management) or indirectly (franchises assets to private companies).

4 Variables and definitions

Below the most relevant variables comprising the survey questionnaire are explained. The definitions follow the methodological recommendations of the joint questionnaire regarding water established by EUROSTAT/ OECD. (JQ Inland Waters) which Spain as a European Union Member State completes every two years.

· Water collection

Water abstraction consists of water withdrawal from a natural source and its storage for further use. This includes the services damming and piping via main pipelines. Among others, a distinction is made between collecting surface water and groundwater, using probes or perforations.

Fresh surface water

Continental surface water is water with a surface current or retained above a hollow, in other words, dammed. Water with a surface current including natural river courses (rivers, streams, ravines, etc) and of artificial courses (channelling systems for irrigation, industry and navigation, drainage systems and rafts and artificial dams).

· Fresh Groundwater

This type of water resource refers to water that has been extracted, generally, , from an aquifer por sondeo o perforación. Aquifers are all the all permanent and provisional water deposits existing in the subsoil, replenished both artificially and naturally, of sufficient quality for a specific use. This category includes water contained in the phreatic layer and in geological depressions.

This section includes water collected from springs. This excludes filtered water, which will be included in surface water.

- Water for desalinisation: this comprises seawater and transition water, such as marshes, lagoons, estuaries and brackish water inlets, desalinated before use.
- Other types of water resource: this section includes directly collecting rainwater or other types of water resources not previously included.
- Volume of water supplied to the public network: this involves water entering
 the distribution network from drinking water treatment plants or service deposits.
 Classification of water supplied to the network is presented below:
- Volume of water registered and distributed by type of user: this heading includes exclusively volumes measured by users' meters (both communal and individual ones).
- Volume of water non-registered: this corresponds to the difference between the volume of water supplied to the public supply network and the volume of water registered and distributed by type of user. This is broken down into:

- **-Real losses**: these are physical losses of water in the distribution network as far as the user's measuring point. This comprises water leaks, breakages and faults in the distribution networks and outlets.
- -Apparent losses: these are non-physical water losses. These are broken down into:
- Inaccuracy of the meters (undercounting): it comprises measuring errors by the water meters when measuring small water volumes
- Non-measured authorised consumption: it refers to consumption that is not measured by a meter (estimations or capacities). These consumptions can be invoiced or not
- Non-authorised consumption (fraud): it includes water deviation or taking that is made illegaly and, therefore, is either measured nor invoiced.
- Total value of water invoiced: This section covers all concepts shown on the water bill paid by users (households and economic sectors). This refers to both the billing itself and the monetary amounts charged to said users by delegation of billing. This excludes the value of the VAT invoiced.

A distinction is made, within this section, between three main variables:

- Water supply: this is the amount charged to users for the full amount of water supplied on a low-level via the supply network. This includes both the rates and tariffs paid for water supply (self-invoicing). Monetary amounts recorded in the survey are ion a cash basis, in other words that effectively charged in the reference financial year, even where water consumption may have been in previous years.

Moreover, amounts charged are collected by delegation of invoicing in order to defray high-level water piping projects carried out by other bodies or institutions (regulation taxes or water use rates of Hydrographical Confederations ,piping taxes of Water Companies or of Autonomous Communities).

Also included in this variable are service quotas relating to conservation and use of outlets and meters.

- **-Sewage:** this corresponds to the amount charged to users for this concept. This also includes mainly municipal sewerage fees.
- **-Wastewater treatment:** this concept considers the total amount of profit during the year for all wastewater filtering services. Corresponds to the amounts charged to users for this concept.

This includes both municipal sewerage fees and taxes of an ecological nature collected for third parties. The latter case entails:

-The sewerage tax established by the Autonomous Community body withfor defraying the construction and maintenance of wastewater filtering plants.

-Taxes for disposing of said water Hydraulic Public Domain (Hydrographical

Confederation dumping control fee or where appropriate, dumping fee established by Autonomous Communities). The fee for dumping at sea is included in this section.

Wastewater treatment

This refers to all operations carried out to amend the features of wastewater in order for it to be reused or returned to nature of a high enough level of quality. Types of treatment considered in this survey are:

- -Primary treatment,
- -Secondary or biological treatment,
- -Tertiary treatment,
- -Soft technologies and septic tanks

Types of plant considered in this survey are:

- -Plants that only carry out primary treatment. Physical-chemical treatment. This includes physical and chemical processes by means of which clear effluents are obtained by decanting, flotation, desanding or degreasing, having had those oils, areases or sludges removed.
- -Plants that carry out primary and secondary treatment. Physical-chemical and biological treatment Biological treatment may be aerobic and anaerobic and refers to techniques that use micro-organisms for breaking down organic matter such as active sludges or digesters.
- -Plants that carry out primary and secondary and tertiary treatment. Advanced or more thorough physical-chemical and biological treatment. This tertiary or advanced treatment includes processes such as inverse osmosis, ozone treatment, electrodialysis and denitrification.
- -Plants that apply soft technologies. Technologies applied to slightly polluted wastewater or as a treatment prior to discharge to the sewerage network or to primary treatment. Some of these are: lagooning, peat layers, biodiscs or rotating biological contactors, green filter.
- -Septic tank. Treatment system generally used in places where there is no sewerage system. It normally treats small amounts of drainage or polluted water. They are constructed using concrete, bricks, fibreglass, reinforced plastic or metal, forming a tank in which solids sink to the bottom and floating material rises.

In the questionnaire, features are requested for wastewater, before and after their treatment, in order to determine the pollutant load generated.

• **Biochemistry Oxygen Demand (BOD**₅) It is an indicator of the degree of pollution of wastewater. It involves measurements of the amount of dissolved oxygen consumed under specific conditions for biochemical oxidation of all organic material present in the water.

The features of waste water are measured in mg/litre and refer to the annual averages weighted with the current low treated for each of the wastewater treatment plants.

5 Collection of the information

QUESTIONNAIRE

There is a single questionnaire and the informant unit must complete only the sections in which activity has been carried out. In the case of a company carrying out all the characteristic activities relating to the integral water cycle, it must complete all sections.

ORGANISATION OF FIELDWORK

The procedure for obtaining information consists on sending a letter with the password for accessing the online INE platform, where the informant may fill in online the questionnaire. If they wish, they can ask the INE to send them the questionnaire by post, which they will send back afterwards to the INE by post or fax.

Questionnaires are submitted to the sampling units during the third quarter of the year subsequent to that of the reference year.

Staff in charge of the collection of data support collection tasks by directly calling companies that have not returned the questionnaire by email or online within the allotted time, in order to request information from them, advise them where necessary and obtain the completed questionnaire. Tasks ancillary to collection such as the updating of the directory, and the control and revision of the questionnaires, are also carried out.

COMPUTERISED MANAGEMENT OF THE SAMPLE FILE

Companies' sample form, both for monitoring collection, and for updating informant company data, is handled by software created for this purpose, making it possible to guarantee statistical secrecy, monitoring and organisation of the whole process. This system facilitates supervising the collection continuously, integrating the collection and filtering processes and it guarantees an efficient control of the process from the start of the survey as systematic errors in filling out and interpreting the questionnaires may be detected in the initial phases of the survey thereby facilitating their correction.

6 Processing of the information

The initial stage of the survey information processing coincides with the fieldwork and is carried out in parallel with the duration of the data collection.

The main purpose is to establish appropriate quality levels that make it possible to significantly simplify the subsequent processing of the information. The recording of questionnaires is carried out in batches, establishing the control measures required to guarantee an adequate level of quality throughout the whole process.

Once information is available in magnetic form, the coverage of the information is analysed in order to guarantee the totality of the data recorded, detect possible duplicated data or coverage errors and also to be able to perform an initial assessment of the quality of the variables obtained from the questionnaires. This stage is performed for each batch of questionnaires recorded, and its implementation is previous to the creation of the survey file and thus, to the processing of all the information as a whole.

Once the survey file is created, inconsistencies and errors are detected and corrected for every identification variable. Subsequently, several stages of filtering and imputation of content errors are carried out. Similarly, the systematic errors detected in the analysis and study carried out previously on the recorded data are corrected. When all filtering stages are completed, analysis tables are obtained in order to detect and eliminate errors or inconsistencies and to compare the results obtained with other sources of information.

7 Sample data expansion stage

For physical data of the water collection and supply, as well as for economic data of invoiced water, no expansion factor is applied to the units definitely included in the sample dealing with municipalities with more than 15.000 inhabitants. Taking units dealing exclusively with municipalities or water supply and sanitation unit with population les than the 15.000 inhabitants,, the item of sample data is corrected with a ratio estimator, using the population resident in the municipalities excluded from the effective exhaustive sample in the Autonomous Community as an auxiliary variable.

Adjustments to expansion factors of the variables referring to sections relating to wastewater treatment have been made using auxiliary variables whose totals are known from administrative sources external to this survey, such as the estimate of the equivalent population in urban agglomerations with an equivalent population of more than 2.000 inhabitants. In turn, this variable is estimated on a microdata level taking the information regarding quantity and quality shown in the questionnaire.

Equivalent population is regarded as that established by directive 91/271/CEE defining the concept of equivalent inhabitant as: the biodegradable organic load with a biochemical oxygen demand of 5 days (BOD₅) of 60 grams of oxygen per day.

8 Main results

The aim of the results tables is to offer basic, and relevant, information on the main results of the survey, to satisfy the demand for information of users.

The results are presented for the national total and by Autonomous Community. It is being considered to carry out a pilot study on the breakdown by river basin district.

The results these are broken down into the following tables: freshwater abstraction carried out by the actual company, total availability of non-drinking water, total availability of drinking water, distribution of drinking water by type of user, volumes of treated wastewater, their destination and use of the re-used treated water.

CONCLUSION

9 Environmental indicators

Indicators are estimates that provide synthetic information and/or trends regarding environmental conditions and phenomena relating to water.

Its significance is greater than the results of the actual statistics, giving information that makes it possible to measure the pressure exerted on the environment by human activities or of the effectiveness of environmental policies.

Special attention merits the inclusion of two indicators:

- **Unit cost of water:** this is an indicator is calculated by means of the quotient between income for the service rendered in the reference year of the survey and the total volume of water registered and distributed to all users. A distinction is made between the unit costof water supply and of public sewerage (sewerage system and filtering). The denominator of this indicator includes both the invoiced and received amount (excluiding VAT) for water consumption corresponding to the economic sectors (industry, services, livestock) and municipal consumption. The unit in which this indicator is expressed is *euros/m³*

Therefore, this indicator can be assimilated to an average unit cost of payments made by users of services related to the integral water cycle, but in no case is it aprice or rate applicable to such services.

- Average water consumption: it is an indicator that is calculated by means of the quotient between the total volume of water registered and distributed to the users and the population of right of the Municipal Register of Inhabitants on January 1 of the reference year of the survey. The unit in which this indicator is expressed is liters / inhabitant / day.

The figures of the resident population as of July 1 of each year have been used as the denominator of this and the other indicators to.

Two indicators are calculated according to whether the registered water is distributed to households (people residing in main or secondary family dwellings) or is destined for other uses (economic sectors and municipal consumption).

Signature of the Mentor

GOVERNMENT DEGREE COLLEGE :: NARASANNAPETA DEPARTMENT OF MATHEMATICS

Title of the Project

"WATER FACILITIES AND DRINKING WATER AVALABILITY"

Questionnaire for the Project

- 1. What type of Water System do you have:
 - a) Own Tap with overhead tank b) Underground water well/bore c) Community Tap
- What type of water do you use for drinking a) Mineral Water b) Tap Water c) Ground Water
- 3. How do you evaluate the quality of your drinking water
 - a) Very Good b) Satisfactory c) Dissatisfied
- 4. Do you drink water from Outside: a) At hotels b) Other Places c) No
- 5. What kind of Sewage System do you have
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 - c) Polluted Water is driven into open space i.e; Ground etc
- 6. How do you wash up/take bath
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- 10. Do you have water conservation methods: a) Pits b) Community action c) None
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- 12. Does the water you use is a) Fluoride water b) Hard water c) None
- 13. How often do you clean water storage tanks per year
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- 17. Is there any RO System (water plant) in your village: yes/no
- 18. How many RO System (water plant) are there in your village:
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DEPARTMENT OF MATHEMATICS

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- 16. How much water is used for drinking (only) in your total family per a day @130 lit b) 40 lit. c) 50 lit d) none
- 17. Is there any RO System (water plant) in your village: yes/no
- 18. How many RO System (water plant) are there in your village :
 - a) 1 b) 2 c) 3 d) None
- 19. What type of Water bodies are there in your village

A Pond b) Lake c) River d) a or b

20. Is your village comes under coastal area: yes/no

DEPARTMENT OF MATHEMATICS

"WATER FACILITIES AND DRINKING WATER AVALABILITY"

Questionnaire for the Project What type of Water System do you have: a) Own Tap with overhead tank (b) Underground water well/bore c) Community Tap
What type of water (c) Ground What type of water do you use for drinking a) Mineral Water b) Tap Water of Ground 3. How do you evaluate the quality of your drinking water Very Good b) Satisfactory c) Dissatisfied Do you drink water from Outside : a) At hotels (b) Other Places c) No 5. What kind of Sewage System do you have a) In house pit by Drainage System c) Polluted Water is driven into open space i.e; Ground etc How do you wash up/take bath a) By running water under tap b) Use bucket and Mug c) Shower/Sauna 7. What kind of washroom do you use: a) Flush b) Bucket/Mug c) ODF 8. How much Water do you use for a day: a) 10lit b) 15lit c)20lit d) More 9. Do you experience water shortages No b) Rarely c) Almost every year d) It is constant problem 10. Do you have water conservation methods: a) Pits b) Community action c) None 11. Are you suffering any water borne diseases: a) Malaria b) Cholera c) Scabies d) Typhoid 12. Does the water you use is a) Fluoride water b) Hard water c) None 13. How often do you clean water storage tanks per year a) Once b) 2-3 times c) 4 times d) >6 times 14. Are you interested to learn Water conservation methods: Yes/No 15. How much water is used in your family per a day a) 60lit b) 80lit of 100lit d) More 16. How much water is used for drinking (only) in your total family per a day 30 lit b) 40 lit c) 50 lit d) none 17. Is there any RO System (water plant) in your village: yes/no 18. How many RO System (water plant) are there in your village : a) 1 b) 2 c) 3 d None 19. What type of Water bodies are there in your village Pond b) Lake c) River d) a or b 20. Is your village comes under coastal area: yes/no

Title of the Project "WATER FACILITIES AND DRINKING WATER AVALABILITY" Questionnaire for the Project

a) Own Tap with overhead tank b) Underground water well/bore c) Community Tap What type of Water System do you have: What type of water do you use for drinking a) Mineral Water b) Tap Water c) Ground

3 How do you evaluate the quality of your drinking water Very Good b) Satisfactory c) Dissatisfied

- 4. Do you drink water from Outside : a) At hotels to Other Places c) No
- 5 What kind of Sewage System do you have

a) In house pit

Drainage System

- c) Polluted Water is driven into open space i.e; Ground etc
- 6 How do you wash up/take bath a) By running water under tap (b) Use bucket and Mug c) Shower/Sauna
- 7. What kind of washroom do you use: a) Flush b) Bucket/Mug, c) ODF
- 8 How much Water do you use for a day: a) 10lit b) 15lit q/20lit d) More
- Do you experience water shortages No b) Rarely c) Almost every year d) It is constant problem
- 10. Do you have water conservation methods: a) Pits b) Community action c) None
- 11. Are you suffering any water borne diseases: a) Malaria b) Cholera c) Scabies d) Typhoid
- 12. Does the water you use is a) Fluoride water b) Hard water c) None
- 13. How often do you clean water storage tanks per year

a) Once b) 2-3 times of 4 times d) >6 times

- 14. Are you interested to learn Water conservation methods: Yes/No
- 15. How much water is used in your family per a day
 - a) 60lit (b) 80lit c) 100lit d) More
- 16. How much water is used for drinking (only) in your total family per a day 30 lit b) 40 lit c) 50 lit d) none
- 17. Is there any RO System (water plant) in your village: yes/no
- 18. How many RO System (water plant) are there in your village :
 - a) 1 b) 2 c) 3 d None
- 19. What type of Water bodies are there in your village Pond b) Lake c) River d) a or b
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Title of the Project "WATER FACILITIES AND DRINKING WATER AVALABILITY" Questionnaire for the Project

duestroman
What type of Water System do you have: a) Own Tap with overhead tank (b) Underground water well/bore (c) Community Tap What type of water do you use for drinking (a) Mineral Water (b) Tap Water (c) Ground Mineral Water (c) Ground What type of water do you use for drinking (a) Mineral Water (b) Tap Water (c) Ground Output Description:
Water
3 How do you evaluate the quality of your drinking water
/ A Discatisfied
4. Do you drink water from Outside : a) At hotels b) Other Places c) No
5 What kind of Sewage System do you have
a) In house pit
V. Doninger Contam
c) Polluted Water is driven into open space i.e; Ground etc
6 How do you wash up/take bath
a) By running water under tap (b) Use bucket all Bucket/Mug c) ODF 7. What kind of washroom do you use: a) Flush (b) Bucket/Mug c) ODF 7. What kind of washroom do you use: a) 10lit (b) 15lit (c) 20lit (d) More
8. How much Water do you use for a day. a) 2011
9. Do you experience water shortages
9. Do you experience water still tages (a) No b) Rarely c) Almost every year d) It is constant problem 10. Do you have water conservation methods: a) Pits b) Community action c) None 10. Do you have water conservation methods: a) Malaria b) Cholera c) Scabies d) Typhoid
10. Do you have water conservation methods: a) Pits b) Constituting and Scabies d) Typhoid 11. Are you suffering any water borne diseases: a) Malaria b) Cholera c) Scabies d) Typhoid 11. Are you suffering any water b) Hard water c) None
11. Are you suffering any water borne diseases. (a) None 12. Does the water you use is a) Fluoride water b) Hard water c) None
12. Does the water you use is a yritable tanks per year 13. How often do you clean water storage tanks per year
the action of the times of the
a) Once (b) 2-3 times () 4 times dy 5 times
15. How much water is used in your family per a day
A college of 100lify of MOTE
16. How much water is used for drinking (only) in your total family per a day
Viscolit h) 40 lit c) 50 lit d) none
water plant) in your village: yes/no
18. How many RO System (water plant) are there in your village :
a) 1 b) 2 c) 3 d) None
19. What type of Water bodies are there in your village
(a) Pond b) Lake c) River d) a or b
20. Is your village comes under coastal area: yes/no
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DEPARTMENT OF MATHEMATICS

Title of the Project "WATER FACILITIES AND DRINKING WATER AVALABILITY" Questionnaire for the Project

Questionnaire for the Project
What type of Water System do you have: a) Own Tap with overhead tank b) Underground water well/bore c) Community Tap What type of water do you use for drinking a) Mineral Water b) Tap Water c) Ground Water
How do you evaluate the quality of your drinking water
Very Good b) Satisfactory c) Dissatisfied
4. Do you drink water from Outside : a) At hotels b) Other Places c) No
What kind of Sewage System do you have
a) In house pit
\b/ Drainage System
c) Polluted Water is driven into open space i.e; Ground etc
6 How do you wash up/take bath
a) By running water under tap b) Use bucket and Mug c) Shower/Sauna
What kind of washroom do you use: a) Flush by Bucket/Mug c) ODF
8 How much Water do you use for a day: a) 10lit b) 15lit c)20lit d) More
9 Do you experience water shortages
18) No b) Rarely c) Almost every year d) It is constant problem
Do you have water conservation methods: a) Pits b) Community action c) None 11. Are you suffering any water borne diseases: a) Malaria b) Cholera c) Scabies d) Typhoi
11. Are you suffering any water borne diseases. a) Maid water of None
12. Does the water you use is a) Fluoride water b) Hard water c) None
How often do you clean water storage tanks per year
a) Once b) 2-3 times of 4 times d) >6 times
14. Are you interested to learn Water conservation methods: Yes/No
15. How much water is used in your family per a day
a) 60lit b) 80lit c) 100lit d) More
16. How much water is used for drinking (only) in your total family per a day
30 lit b) 40 lit c) 50 lit \d) none
17. Is there any RO System (water plant) in your village: yes/no
18. How many RO System (water plant) are there in your village :
a) 1 b) 2 c) 3 d) None
19. What type of Water bodies are there in your village
al Pond b) Lake c) River d) a or b

20. Is your village comes under coastal area: yes/no

Title of the Project

"WATER FACILITIES AND DRINKING WATER AVALABILITY" Questionnaire for the Project

1.	What type of Water System do you have:
	a) Own Tap with overhead tank b) Underground water well/bore c) Community Tap
2.	What type of water do you use for drinking a) Mineral Water b) Tap Water c) Ground
	Water
3.	How do you evaluate the quality of your drinking water
	a) Very Good b) Satisfactory c) Dissatisfied
4.	Do you drink water from Outside : a) At hotels b) Other Places c) No
5.	What kind of Sewage System do you have
	a) In house pit
,	(b) Drainage System
	c) Polluted Water is driven into open space i.e; Ground etc
6.	How do you wash up/take bath
	a) By running water under tap b) Use bucket and Mug c) Shower/Sauna
7.	What kind of washroom do you use: a) Flush b) Busket/Mug c) ODF
	How much Water do you use for a day: a) 10lit b) 15lit c)20lit d) More
9.	Do you experience water shortages
	a) No b) Rarely c) Almost every year d) It is constant problem
10	Do you have water conservation methods: a) Pits b) Community action c) None
11	Are you suffering any water borne diseases: a) Malaria b) Cholera c) Scabies d) Typhoid
12	Does the water you use is a) Fluoride water b) Hard water c) None
12.	How often do you clean water storage tanks per year
	a) Once b) 2-3 times c) 4 times d) >6 times
14	. Are you interested to learn Water conservation methods: Yes/No
15	How much water is used in your family per a day
	a) 60lit b) 80lit c) 100lit d) More
16.	How much water is used for drinking (only) in your total family per a day
	a) 30 lit b) 40 lit c) 50 lit d) none
17.	is there any RO System (water plant) in your village: yes/no
18.	How many RO System (water plant) are there in your village :
	a) 1 b) 2 c) 3 d) None
19.	What type of Water bodies are there in your village
	Va) Pond b) Lake c) River d) a or b
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"WATER FACILITIES AND DRINKING WATER AVALABILITY" Questionnaire for the Project

1	What type of Water System do you have:
	Yown Tap with overhead tank b) Underground water well/bore c) Community Tap
-	What type of water do you use for drinking & Mineral Water b) Tap Water c) Ground
	Water
3	How do you evaluate the quality of your drinking water
	8 Very Good b) Satisfactory c) Dissatisfied
4.	Do you drink water from Outside : a) At hotels b) Other Places c) No
5	What kind of Sewage System do you have
	a) in house pit
	も) Drainage System
	c) Polluted Water is driven into open space i.e; Ground etc
6	How do you wash up/take bath
	a) By running water under tap b) Use bucket and Mug c) Shower/Sauna
7	What kind of washroom do you use: a) Flush b) Bucket/Mug-c) ODF
3	How much Water do you use for a day: a) 10lit b) 15lit c)20lit d) More
9	. Do you experience water shortages
	a) No b) Rarely c) Almost every year d) It is constant problem
1	0. Do you have water conservation methods: a) Pits b) Community action c) None
1	1. Are you suffering any water borne diseases: a) Malaria b) Cholera c) Scabies d) Typhoid
	2. Does the water you use is a) Fluoride water b) Hard water c) None
1	How often do you clean water storage tanks per year
	a) Once b) 2-3 times c) 4 times d) >6 times
	14. Are you interested to learn Water conservation methods: Yes/No
1	5. How much water is used in your family per a day
	a) 60lit 'b) 80lit c) 100lit d) More
1	6. How much water is used for drinking (only) in your total family per a day
	(a) 30 lit b) 40 lit c) 50 lit d) none
1	7. Is there any RO System (water plant) in your village: yes/no
1	8. How many RO System (water plant) are there in your village :
	a) 1 b) 2 c) 3 d) None
	9. What type of Water bodies are there in your village
	a) Pond b) Lake c) River d) a or b
	20. Is your village comes under coastal area: yes/no

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1.	What type of Water System do you have:
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2	What type of water do you use for drinking a) Mineral Water b) Tap Water c) Ground
	Water
	How do you evaluate the quality of your drinking water
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4.	Do you drink water from Outside : a) At hotels b) Other Places c) No
5	What kind of Sewage System do you have
	a) In house pit
1	6) Drainage System
	c) Polluted Water is driven into open space i.e; Ground etc
6	How do you wash up/take bath
	a) By running water under tap b) Use bucket and Mug c) Shower/Sauna
	What kind of washroom do you use: a) Flush b) Bucket/Mug c) ODF
	How much Water do you use for a day: a) 10lit b) 15lit c)20lit d) More
9.	Do you experience water shortages
	(a) No b) Rarely c) Almost every year d) It is constant problem
10	Do you have water conservation methods: a) Pits- b) Community action () None
11	Are you suffering any water borne diseases: a) Malaria b) Cholera c) Scabies d) Typhoic
12	Does the water you use is a) Fluoride water b) Hard water c) None
15	How often do you clean water storage tanks per year
100	a) Once b) 2-3 times e) 4 times d) >6 times Are you interested to learn Water conservation methods: Yes/No
14	How much water is used in your family per a day
15	a) 60lit b) 80lit c) 100lit d) More
	How much water is used for drinking (only) in your total family per a day
16	How much water is used for difficulty in your control water is used for difficulty in your
	a) 30 lit b) 40 lit c) 50 lit d) none Is there any RO System (water plant) in your village: yes/no
17.	How many RO System (water plant) are there in your village :
18	How many KO System (water plant) are the
	a) 1 b) 2 c) 3 d) None
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?	What type of water do you use for drinking a) Mineral Water b) Tap Water c) Ground
	Water
3	How do you evaluate the quality of your drinking water
	a) Very Good b) Satisfactory c) Dissatisfied
4.	Do you drink water from Outside : a) At hotels b) Other Places c) No
5	What kind of Sewage System do you have
	a) In house pit
	M) Drainage System
	c) Polluted Water is driven into open space i.e; Ground etc
6.	How do you wash up/take bath
	a) By running water under tap b) Use bucket and Mug c) Shower/Sauna
	What kind of washroom do you use: a) Flush b) Bucket/Mug c) ODF
8.	How much Water do you use for a day: a) 10lit b) 15lit c)20lit d) More
9.	Do you experience water shortages
	No b) Rarely c) Almost every year d) It is constant problem
10	. Do you have water conservation methods: a) Pits b) Community action c) None
	Are you suffering any water borne diseases: a) Malaria b) Cholera c) Scabies d) Typhoic
12	Does the water you use is a) Fluoride water b) Hard water c) None
13	How often do you clean water storage tanks per year
	a) Once b) 2-3 times c) 4 times d) >6 times
14	Are you interested to learn Water conservation methods: Yes/No
15	How much water is used in your family per a day
	a) 60lit b) 80lit c) 100lit d) More
16.	How much water is used for drinking (only) in your total family per a day
	a) 30 lit b) 40 lit c) 50 lit d) none
17.	Is there any RO System (water plant) in your village: yes/no
18.	How many RO System (water plant) are there in your village :
	a) 1 b) 2 c) 3 d) None
19.	What type of Water bodies are there in your village
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Title of the Project

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	1.	What type of Water System do you have:
		a) Own Tap with overhead tank b) Underground water well/bore c) Community Tap
	2	What type of water do you use for drinking a) Mineral Water b) Tap Water c) Ground
		Water
	3.	How do you evaluate the quality of your drinking water
		a) Very Good b) Satisfactory c) Dissatisfied
33	4.	Do you drink water from Outside : a) At hotels b) Other Places c) No
d	5	What kind of Sewage System do you have
		a) In house pit
		b) Drainage System
		c) Polluted Water is driven into open space i.e; Ground etc
	6	How do you wash up/take bath
		a) By running water under tap b) Use bucket and Mug c) Shower/Sauna
		What kind of washroom do you use: a) Flush b) Bucket/Mug c) ODF
		How much Water do you use for a day: a) 10lit b) 15lit c)20lit d) More
		Do you experience water shortages
		at No b) Rarely c) Almost every year d) It is constant problem
		. Do you have water conservation methods: a) Pits b) Community action c) None
		Are you suffering any water borne diseases: a) Malaria b) Cholera c) Scabies d) Typhoid
		. Does the water you use is a) Fluoride water b) Hard water c) None
	13.	How often do you clean water storage tanks per year
		a) Once b) 2-3 times c) 4 times d) >6 times
		4. Are you interested to learn Water conservation methods: Yes/No
	15.	. How much water is used in your family per a day
		a) 60lit b) 80lit c) 100lit d) More
	16.	. How much water is used for drinking (only) in your total family per a day
		a) 30 lit b) 40 lit c) 50 lit d) none
	17.	Is there any RO System (water plant) in your village: yes/no
	18.	How many RO System (water plant) are there in your village :
		a) 1 b) 2 c) 3 d) None
	19.	What type of Water bodies are there in your village
		a) Pond b) Lake c) River d) a or b

20. Is your village comes under coastal area: yes/no



532421, India

Altitude -37.8 meters Sunday, 05-06-2022 Latitude 18,40575333333333° 84.06662° Local 09:10:55 AM GMT 03:40:55 AM







C26X+MPH, SH 92, Narasannapeta, Andhra Pradesh 532421, India

18,405784999999998" 84,0665283333333 Longitude

Altitude 38 meters Sunday 0: 05-2022 Local 09:10:38 AM GMT 03:40:38 AM



GPS Map Comero Lite

C348+3M6, Srikakulam, Andhra Pradesh 532421, India

Altitude -39.8 meters Saturday, 04-06-2022

Longitude 84.06662499999999* 18.40575833333333 Local 10:29:10 AM GMT 04:59:10 AM



18.4058616666666667 84,0668183333332 Altitude -38.2 meters Tuesday, 07-06-2022 Longitude Local 09:19:46 AM GMT 03:49:46 AM



Altitude -33.6 meters Monday, 06-06-2022 Local 09:12:32 AM GMT 03:42:32 AM



84.0665999999998° Altitude -33.7 meters Monday, 06-06-2022 Longitude 532421, India 18.40566833333333

Local 09:14:31 AM GMT 03:44:31 AM







IN SUMMER SEASON SOME TIMES TAP WATER NOT AVAILABLE IN MY VILLAGE WATER TANK PROVIDED BY MY VILLAGE SURPANCH.



BORE WATER IS ALSO USED IN MY VILLAGE PEOPLE.



RIVER VAMSADHARA OR RIVER BANSHADHARA

REPORT:

I N. Jagadeeshwara Rao Studying in GOVERNMENT DEGREE COLLEGE,NARASANNAPETA, SRIKAKULAM DISTRICT.I Participated to COMMUNITY SERVICE PROJECT on 01-06-2022 to 10-06-2022 in the Kusumapolavalasa village. My project name is "WATER FACILITIES AND DRINKING WATER AVAILABILITY". In this survey first I have collected to socio economic survey in that area. After that I recognize the water problems in the surrounding area.

PROBLEMS

- 1. In that area there is no Panchayati water supply.
- 2. Insufficient Drainage system.
- 3. In rainy season drinking water is polluted(colour changed).

SOLUTIONS

- Representation given to Surpunch Tarra Lakshmi narayana to provide a drinking water tank in our village.
- Representation given to our panchayati secaratory Secretary
 M.krishnamohan to sanitize our village weekly twice.
- Also awared the people in the village to take care at the time of rainy season take hot water for drinking.

LECTURER Govt. Degree College NARASANNAPETA