



Techno Economic Survey
for thesis entitled

“Peri – village area development proposal for Surat district”
under



Masters of Engineering (Town & Country Planning)

at

Sarvajanik College of Engineering & Technology, Surat



Survey undertaken by:

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Name of Village:	
Name of Taluka:	
Name of District:	
Name of Institute:	
Nodal Officer Name & Contact Detail:	
Respondent Name: (Sarpanch/ Panchayat Member/ Teacher/ Gram Sevak/ Aaganwadi worker/Village dweller)	
Date of Survey:	

1. Demographical Detail:

Sr. No.	Census	Population	Density	Male	Female	Total Households	Size of Household
i)	2001						
ii)	2011						
iii)	Decadal Growth rate:						



2. Geographical Detail:

Sr. No.	Description	Information/Detail
i)	Area of Village (Approx.) (In Hector) Coordinates for Location:	
	Gamtal Area (In hecter)	
	Forest Area (In Hector)	
	Agricultural Land Area (In Hector)	
	Residential Area (In Hector)	
	Industrial Area (In Hector)	
	Other Area (In Hector)	
	Water bodies	
	Nearest Town with Distance:	

3. Occupational Details:

Name of Three Major Occupation groups in Village	1.
	2.
	3.

4. Physical Infrastructure Facilities:

Sr. No.	<u>Descriptions</u>	<u>Detail</u>	<u>Adequate</u>	<u>Inadequate</u>	<u>Remarks</u>
A.	Main Source of Drinking water				
	<ul style="list-style-type: none"> • Tap Water (Treated/ Untreated) • RO Water • Well (Covered/ Uncovered) • Hand pumps • Tube well/ Borehole • River/ Canal/ Spring/ Lake/ Pond 				
Suggestions if any:					
B.	Water Tank Facility				
	Overhead Tank	Capacity:			



	Underground Sump	Capacity:			
Suggestions if any:					
C.	Drainage Facility				
	Available (Yes/ No)				
Suggestions if any:					
D.	Type of Drainage				
	Closed/ Open				
	If Open than Pucca / Kutchcha				
	Whether drain water is discharged directly in to Water bodies/ Sewer plants				
Suggestions if any:					
E.	Road Network :All Weather/ Kutchha (Gravel)/ Black Topped pucca/ WBM				
	Village approach road				
	Main road				
	Internal streets				
	Nearest NH/SH/MDR/ODR Dist. in Km.				
Suggestions if any:					
F.	Transport Facility				
	Railway Station (Y/N) (If No, than Nearest Railway Station---Km)				
	Bus station (Y/N) Condition: (If No, than Nearest Bus Station---Km)				
	Local Transportation (Auto/ Jeep/Chhakda/ Private Vehicles/ Other)				
Suggestions if any:					



G. Electricity Distribution					
	(Y/N) Govt./ Private (Less than 6 hrs/ More Than 6 hrs)				
	Power supply for Domestic Use				
	Power supply for Agricultural Use				
	Power supply for Commercial Use				
	Road/ Street Lights				
	Electrification in Government Buildings/ Schools/ Hospitals				
	Renewable Energy Source Facilities (Y/ N)				
	LED Facilities				
Suggestions if any:					
H. Sanitation Facility					
	Public Latrine Blocks If available than Nos.				
	Location Condition				
	Community Toilet (With bath/ without bath facilities)				
	Solid & liquid waste Disposal system available				
	Any facility for Waste collection from road				
Suggestions if any:					
I. Irrigation Facility:					
	Main Source of Irrigation				



	(Stream/River/ Canal/ Well/ Tube well/ Other)				
Suggestions if any:					
J.	Housing Condition:				
	Kutchha/Pucca (Approx. ratio)				

5. Social Infrastructural Facilities:

Sr. No.	<u>Descriptions</u>	<u>Information/ Detail</u>	<u>Adequate</u>	<u>Inadequate</u>	<u>Remarks</u>
K.	Health Facilities:				
	Sub center/ PHC/ CHC /Government Hospital/ Child welfare & Maternity Homes (If Yes, than specify No. of Beds) Condition:				
	Private Clinic/Private Hospital/ Nursing Home				
	If any of the above Facility is not available in village than approx. distance from village:Km.				
Suggestions if any:					
L.	Education Facilities:				
	Aaganwadi/ Play group				
	Primary School				
	Secondary school				
	Higher Secondary School				
	ITI college/ vocational Training Center				
	Art, Commerce & Science /Polytechnic/ Engineering/ Medical/				



	Management/ other college facilities				
	If any of the above Facility is not available in village than approx. distance from village:Km.				
	Suggestions if any:				
M.	Socio- Culture Facilities				
	Community Hall (With or without TV) Location: Condition:				
	Public Library (With daily newspaper supply: Y/N) Location: Condition:				
	Public Garden Location: Condition:				
	Village Pond Location: Condition:				
	Recreation Center Location: Condition:				
	Cinema/ Video Hall Location: Condition:				
	Assembly Polling Station Location: Condition:				
	Birth & Death Registration Office Location:				



	Condition:				
If any of the above Facility is not available in village than approx. distance from village:Km.					
Suggestions if any:					
N.	Other Facilities				
	Post-office				
	Telecommunication Network/ STD booth				
	General Market				
	Shops (Public Distribution System)				
	Panchayat Building				
	Pharmacy/Medical Shop				
	Bank & ATM Facility				
	Agriculture Co-operative Society				
	Milk Co-operative Soc.				
	Small Scale Industries				
	Internet Cafes/ Common Service Center/Wi-Fi				
	Commercial Establishment				
Suggestions if any:					

6. Sustainable /Green Infrastructure Facilities:

Sr. No.	Descriptions	Information/ Details	Adequate	Inadequate	Remarks
O.	Adoption of Non-Conventional Energy Sources/ Renewable Energy Sources				
P.	Bio-Gas Plant Solar Street Lights				



	Rain Water Harvesting System				
Q.	Any Other				

7. Data Collection From Village:

Village Base Map Available: Hard Copy/Soft Copy	
Recent Projects going on for Development of Village	
Any NGO working for village development: (Yes/No)	If Yes, Name & contact details:

8. Additional Information/ Requirement:

Sr. No.	Descriptions	Information/ Detail	Remarks
1.	Repair & Maintenance of Existing Public Infrastructure facilities(School Building, Health Center, Panchayat Building, Public Toilets & any other)		
2.	Additional Information/ Requirement		
3.	Average land value/ Jantri		
4.	Proposals in DP/T.P. Scheme		

Thank you for your valuable time!!!