









# **URBAN95** Phase II

# 1st Capacity Building Workshop Site Identification & Finalization

22<sup>nd</sup> Dec'22





























### **Objective of CBWs**



Preparing Udaipur (It's Development Agencies, Service Providers & other Stakeholders)

In

Imbibing Urban95 principles in all the

Urban Built Environment
Projects/ Activities (New or Retrofit)
it undertakes w.r.t

Needs & Aspirations of Children & their Care- givers, Pregnant and Lactating Women

Convergence of Urban95 Lens in all the

**Stakeholders Activities**For

Scalability and Long-Term
Sustainability,
Enabling

**Udaipur to transform** itself into an

Infant, Toddler and their Caregiver (ITC) Friendly City in its true sense Capacitate

The

**Technical Knowhow** of all the

Development Agencies, Service Providers & Urban Practitioners- Architects, Urban Planners, NGOs, CBOs, Domain Experts etc.

From

**Urban95 Lens** Via

various Stages of Projects

# Themes, Capacity Building Workshop URBAN951

SBW-

# Site Identification & Finalization

- Identification of Potential Sites & Assessment
- Detailed Data Collection (Gehl Toolkit, Activity Mapping, Relevant Surveys etc.)

Analysis & Inferences

- Site Finalization

Oct'22

# Conceptual Design & Feasibility - Framing up Objectives, Targeted ITCN Rehaviours

- Framing up Objectives, Targeted ITCN Behaviours, Expected outcomes of the intervention inculcating ECD & SBCC Lens
- Stakeholder Engagement (Govt. & Community) to gauge their Need & Aspirations (Infra & Behavioural)
- Draft Conceptual Proposal inculcating ECD & SBCC Lens
- Testing the Feasibility of Concept via on- ground implementation (Tactical/ Semi- Permanent)
- Post Implementation Impact Assessment

CBW-

#### Detailed Project Report (DPR) & Tendering

- Incorporating
  Learnings from Post
  Implementation
  Impact Assessment of
  Semi- Permanent
  Intervention in DPR
- Tendering Process
   with Specialized Terms
   Conditions (T&C)
- Identification of Seasoned Contractors

On- Ground Implementation

CBW-4

- & Post Implementation Impact Assessment
- Monitoring & Evaluation (M&E)
- Intervention
  Effectiveness in
  Achieving its Expected
  Outcome, specifically
  from Behavioral
  Perspective

Post
Implementation
Operational
O Mechanism

- Community
Ownership and Buy- in
Pre, During & Post
Implementation of the
Project for Long- Term
Sustainability of the
same

Jan'23 Mo

May'23

Sept'23

### Dec'23

#### **Expected Outcome/ Participants Learnings**

- Overall Site Selection Process for any new Development Project considering ECD Lens & Urban95 Principles
- Use of Gehl Toolkit for data Collection & its Analysis
- Steps involved in Formulating Concept Design including ITC Friendly Design Elements
- Testing of Concept Design

   Feasibility via on- ground

   Implementation (Semi- Permanent)

   and its Post Implementation

   Impact Assessment
   Impact Assessment
- Use of ITC Master Checklist for ITC Friendly Material, Specifications, Rates etc.
- Judiciously defined Tender Scoping & T&C, leading to Participation & Selection of Seasoned Contractors for Quality Control & Timely Completion
- Managing Databases of different on- ground Construction Activities
- Post Implementation Impact Assessment vis- a- vis Expected Outcome via numerous surveysobservations, interviews (service providers and beneficiaries) one- to- one, FGDs etc.
- Importance of Local Level Community & for Long-Term Sustainability of the Project
- Process Involved in Formation of Local Level Committee

# Site Identification & Finalization Approach/ Methodology



Define
Objectives,
Scope &
Expected
Outcome of
project

Identification and finalization of Parameters for 'Site Identification' based on the Project Objectives and Scoping Identification of Potential Sites via series of discussion with concern Stakeholders of the city and/or based on the knowhow of the city

Site visits and in-person recce to the potential sites to have inperson feel of site to see/ check if the sites fulfill the criteria of achieving project objectives and can be taken as one of the option for consideration

Detailed Data
Collection
(Gehl Toolkit,
Activity &
Stationary
Mapping,
Relevant
Surveys etc.)
as per Project
Scope

Stakeholder
EngagementGovt. &
Community to
gauge their
Need &
Aspirations
(Infra and
Behavioural)

Site Comparison vis- a- vis above options for identification of most suitable/ feasible site among multiple sites for finalization of site from **Project** Steering Committee (PSC)



**Children Priority Zones** 

## What- Children Priority Zone (CPZ)



An Children and their Care- givers Dedicated Zone,

which is a mix of

### 'Anchor Institute'

Around a

### Periphery/ Catchment of 600m radius or 20 mins walk

which is

Interactive, Engaging & Playful yet Safe,

Motivating

**Positive Behavioural Change** 

in

Children and their Care- givers







# Anchor Institute & Catchment of 600m or 20 mins Walk



### Anchor Institute is an Infant, Toddler and their Care-giver (ITC) Destination-

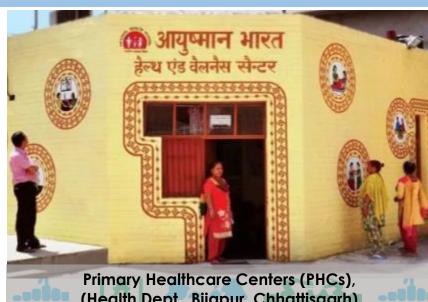
- Recreational Facilities Neighbourhood and/ or City or Level Park(s), Public Chowk/ Plaza;
- Educational Facilities- Aanganwadi Centers (AWCs), Private Play Schools & Pre- Primary Schools;
- Health Facilities Primary Healthcare Centers (PHCs), Clinics, Hospitals etc.;
- **Socializing & other ITC Stop Points-** Day Care, Crèche, Religious Places, Community Halls, Public Library, Vegetable Market, Grocery Stores, Supermarkets and many more;

Why Periphery/ Catchment of 600m radius or 20 mins walk- Comfortable Walk Distance for Children with her Care- giver;

#### A Govt. owned Establishment is Preferable as an Anchor Institute







# Why- Children Priority Zone (CPZ)



### The Experience of Space

for

### Children

is Dependent on the Stage of their

### Sensory, Physical, Cognitive, Social & Emotional Development

and Starts with her

### Immediate Neighbourhood Scale

hence it is inevitable that the same should be

#### **Transformed**

for the

### **Benefits of Children**

By Bringing

### Vibrancy in their Life

via Suitable

### **Transformation of Built Environment**

Resulting in Improving the

Frequency and/or Duration of Outdoor Time spent In Playful Activities

between

Children and their Care- givers

# Where- Children Priority Zone (CPZ) URBAN951

### At any Neighbourhood

having

### **High Presence of Children**

and an

**Anchor Institute** 



# Objective, Scope, Expected Outcome URBAN951

### Objective

Transforming any of the **Anchor Institute** 

and the

Catchment of 600m or 20 mins

into an

Interactive, Engaging, Inclusive, Safer & Comfortable

one to make the

Daily Commute & the Overall Journey of ITC to these Destinations Lively & Engaging

### Via (Scope)

Creation of Safe, Continuous, Unobstructed, Interactive and Engaging Footpaths/ Sidewalks

by inclusion of Interactive & Engaging Road Surfacing (Floor Games, Maze), Playing Eqiupments (Slides, See- Saw and any other- if possible);

#### Interactive and Engaging Road Side Façade

in form of Visually Compelling Boundary Walls, Vertical Gardens etc. on Boundary Walls of Anchor Institutes & Govt. Owned Buildings on the Way to the Anchor;

#### **Creation of Shaded Resting Areas**

in form of 'Chabutras', Benches and other Interactive yet Durable Seatings such as Tyre Seatings (Playing cum Resting Elements);

# Addition of other Necessary Amenities, Facilities & Infra Provision for Increased Sense of Safety and Usage

Adequate Traffic Calming Measures- Road Markings & Signages, Street Lightings, Covered Drains, Water ATMs, Breastfeeding Room, Toilets (if possible), Interactive Way Findings, Landscaped Zones/ Planters etc.

# Leading to (Expected Outcome)- Behaviour Change

- Increase in Use of Anchor Institute by ITC;
- Increase in the Frequency and/or Duration of ITC in Outdoor Playful, Physical/ Engagement Activities;
- Increase in Number/
  Percentage of the ITC Moving
  within the CPZ using
  Sustainable Mobility Options
  (Walking, Cycling,
  Intermediate Public Transport
  and/ or Public Transport);

### Parameters for Site- Selection

**Destinations & Services** 



	i didilieleis i	of site- selection
S/n	Parameters	<b>Details</b>
1	Pedestrian walkway	Should be Easily Accessible on all the Streets, with Adequate Width for Easy Usage
2	Availability of Intermediate Public Transport (IPT) within the Close Proximity, Space for Organized Parking	Should be Easily Accessible from all parts of the Neighbourhood & should be well Connected via IPT with Organized Parking as an Added Advantage for Sustainable Mobility
3	Dedicated Spaces For Children & Care- givers	Easy Accessibility & Visibility of the Identified/ Dedicated Space shall Attract more Targeted Audience
4	Children Playing Equipment's	Age- wise categorization of Playing Zone Motivating Children to Engage in Park (Outdoor Engagement Zone ) without any Resistance
5	Available of Active Facades to Engage Children	Making the Journey within the Neighbourhood Playful, Interactive and Engaging motivating ITC to Engage in Outdoor Engagement Activities
6	Adequate Lighting & Safety Signages	For Easy Accessibility & Visibility Adequate Lighting in the Neighbourhood for Increased sense of Safety within the Zone
7	Shaded Areas, Seating/ Resting Places	Enabling Transformation of the Space and Providing Shaded Resting Spaces for ITC Comfort
8	Proximity to other ITC Destinations & Services	Good to have High no. of other ITC Destinations in close proximity, such as - Garden & Parks - Schools (Govt AWC, Private- Play, pre, pre- primary Schools etc.), Crèche

- Health Facilities (Govt.- PHC, Hospitals, Private- clinics, hospitals,

As an added Advantage with the Assumptions of extra footfalls of the Targeted Audience



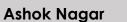
### Proposed sites for CPZ





S/n	Particulars	Ashok Nagar	Neemach Kheda	Meera Park & Sahiwalo Ki Gali				
1	Ward No.	61	1	52				
2	Total Population	6779	9112	6538				
3	Total Child Population (0-6 Age)	235	318	115				
4	Area Typology	MIG, HIG & Mixed Use	MIG, HIG & Mixed Use	MIG, HIG within the Walled City				
5	Scalability/ ITC Behaviour	Potential spaces and activities, which facilitates ITC elements will improve behavioral change	Available potential space can be improved for active user group and hence experiential journey can be improved	Due to limited available space, the obtainable patches can be recalibrated				







Neemach Kheda



Sahiwalo ki Gali

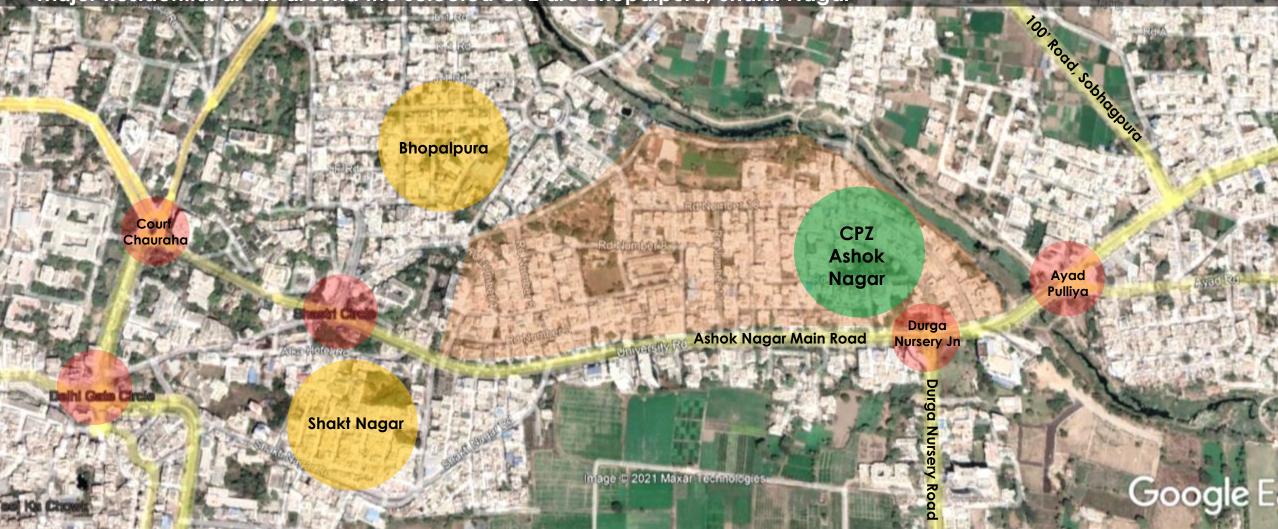


Children Priority Zones- Ashok Nagar (Hanuman Park)- Option 1

### **Site Context**

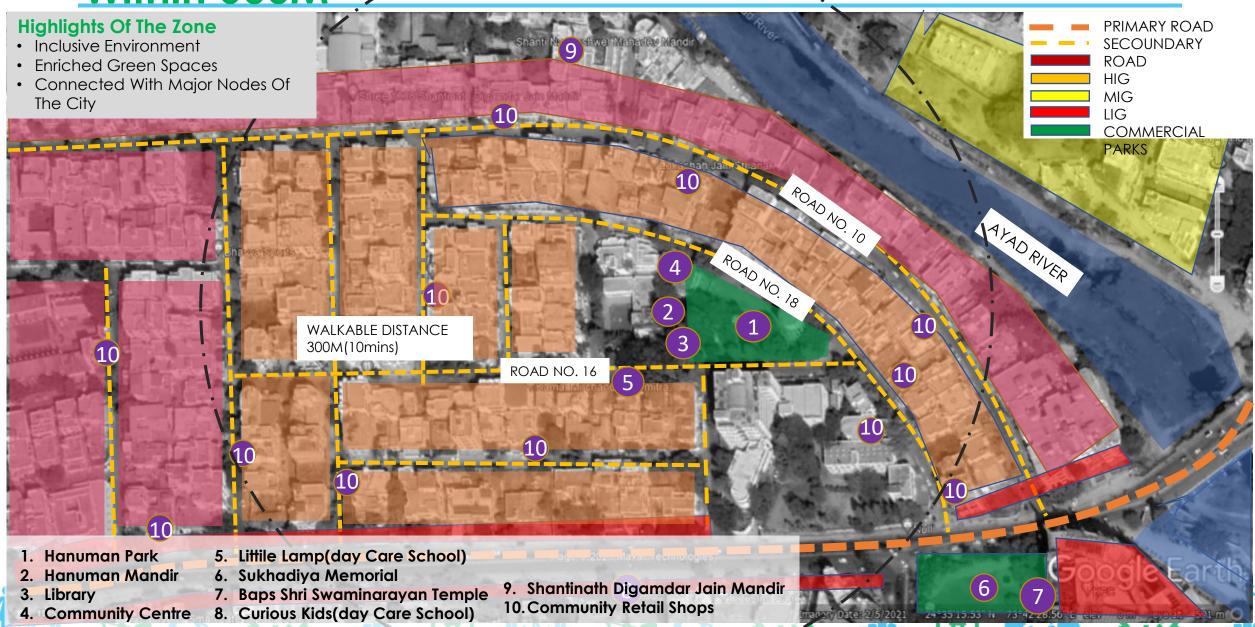


- The CPZ is well connected with other Parts of the city via Major Roads & Junctions- Durgar Nursery Chauraha, Shastri
  Circle, Ayad Pulliya etc.
- The Adjoining Major Road are Ashok Nagar Main Road, Durga Nursery Road, 100' Road, Sobhagpura etc.
- Major Residential areas around the selected CPZ are Bhopalpura, Shakti Nagar



Area Mapping- ITC Destinations Within 600M

# URBAN95



### Site Appreciation, Anchor Institute- Hanuman Park





















**Entrance Of The Park** 



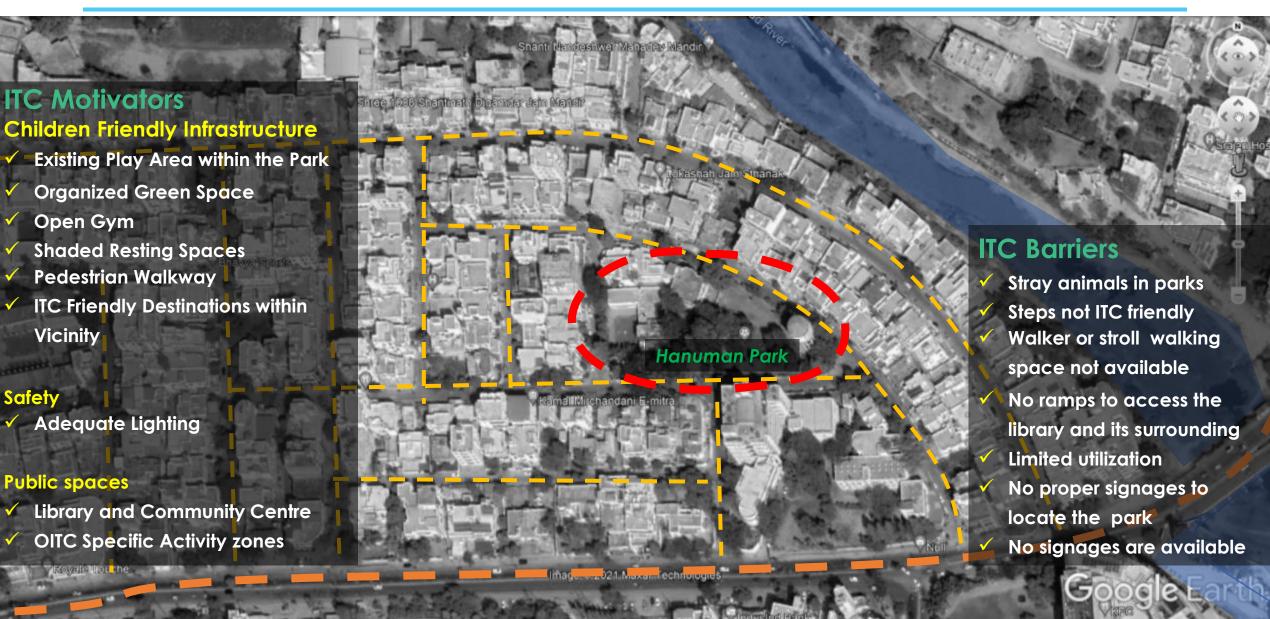
#### **POTENTIAL SUPPORT**

- Potential to attract more ITCN footfall and encourage their activities.
- · Ample space to develop a playful and learning environment for the young kids.
- Support facilities like toilets, adjoining community centre, enclosed with the boundary wall and gate and peripheral lighting provisions for safety and security.



### ITC Motivators & Barriers- Hanuman Park





### **Data Collection Techniques**



 Visual Survey
 (Site Appreciation-Identification of ITC Motivato

Primary Survey via Specially Designed Questionnaires





### **Specially Designed Questionnaires**































# Approach for Anchor Institute and Surroundings- ITC Motivators & Barriers





- Nearby Play school having ITC footfall.
- Adequate Street Lights promoting Pedestrian Safety
- Wider approach road to the Anchor Institute
- Shaded Approach due to Presence of numerous Trees





























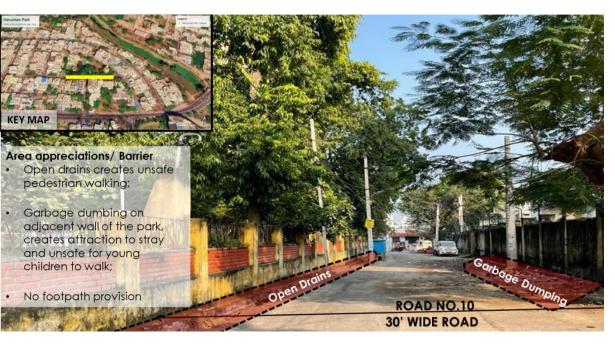






# Approach for Anchor Institute & Surroundings- ITC Barriers



















and safety issues for kids





Undulations on the Road









ying Just Outside the

### Area Context - Mobility situation





### Visual Survey- Hanuman Park

### Stationary Activity Mapping ( Ashok Magar)

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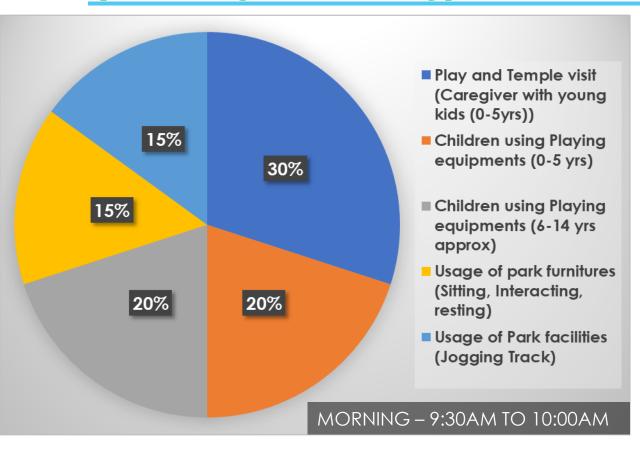


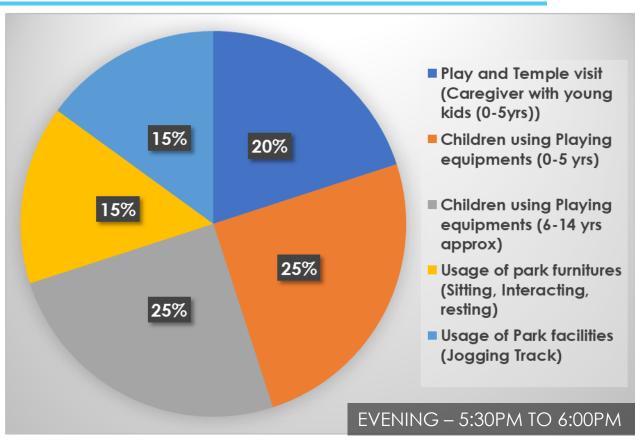




# Visual Survey- Hanuman Park (Morning & Evening), Nos. & Activities







- 70% of overall Visitors are ITC;
- Engaged in Multiple Activities

























# Community Engagement via Primary Survey



बखों के साथ CP7 अफोक नगर आये केयरगिवर्स के साथ सर्वे प्रपत्र ∧ सामान्य Ashole Maar वार्ड मंबर Touch . Hanuman S/n 8. पार्क अथवा गार्डन सम्बंधित आएके घर से पार्क आने जाने में कितना समय 5 四次 全年日 5-10 間で 2 10-15 間中で 4) 15-20 国中で 6) 20so fibre it so fibre it affine लगता है 7 (अनुमानित) आमतीर पर आप हफ्ते में कितनी बार पार्क या खेल b) Once a week 2-3 times a week मैदान आते हैं र D. More than 3 times a week आमतीर पर आप पार्क कब आते हैं ? ्रिक्त में क्रम <sub>(5)</sub> 5-50 मिनट () 10-15 मिनट () 15-20 मिनट () 20-30 मिनर १ अधीमार से अधीम आमतीर पर वे पार्क में बच्चे 5 (First & 1617 to 5-10 (First c) 10-15 (First a) 15-20 (First a) 20-कितना समय बिताते हैं? 30 मिन्द्र n 38 मिन्द्र के जीवन क्या आप धर से पार्क तक पैदल नहीं सल कर जाते हैं र पदि हों. तो आप घर से पार्क तक के सस्ते के अनुभव को क्या रेटिंग देना बाहेंगे ? (१-बहुत बेकार, 2- बेकार 3-साधारण 4- अच्छा 5- बेहतर) अनुभव संबंधी वर्षा बिंदु 1. बारों भी बिद्याल और उसकी कांचे में बदलाव 2. पार्क तक आने के शिए पैदल बातने के खैदल के अनुभव 1. पार्क तक आने के लिए सहन से पाड़ के सीरान कर अनुभव हात ही में पार्क के अवस पास के क्षेत्र में कहा. नवाचार किये गए हैं. क्या आपको लगता है कि इस से आपके रास्ते के अनुभव में सुधार आया है ? यदि हाँ, तो कृपया विस्तार से बताए अगर आप पार्क तक बाहन से आते हैं तो इन अनुभव संबंधी वर्षा बिद्व (वो क्या ताल है, जो उन्हें देदल का साइतिक पर आने को प्रीति करते हैं। नवाचारों के बाद क्या आप पैदल आना पसंद करेंगे... galety Concerus, Hali

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### **Community Engagement via Primary** Survey





Conducted to develop insights on their visiting Patterns, Time Spent in the Park, Activities they are engaged in etc. via specially Designed Questionnaire

#### Inferences

- The visiting hours are similar and coordinated amongst caregivers so that their children can socialize and play with other children;
- People who visit the park from far away locations (more than 1 km) are irregular and visit the park once or twice a week;
- Mostly the caregivers were female.

















# Community Engagement via Primary Survey (User Feedback)- Hanuman Park











### SITE ADDITIONS

- Road signages to alert people approaching the site about Hanuman park
- Park equipment to be maintained and sanitized regularly to foster hygiene
- Elements for road safety to slow- down the fast-moving traffic

#### SITE BARRIERS

- Children are not motivated enough to use the park, instead they prefer to gather and play in internal streets outside their homes, because of
- Safety hazards like open drains, theft, etc.;
- Limited availability of infrastructure in the park







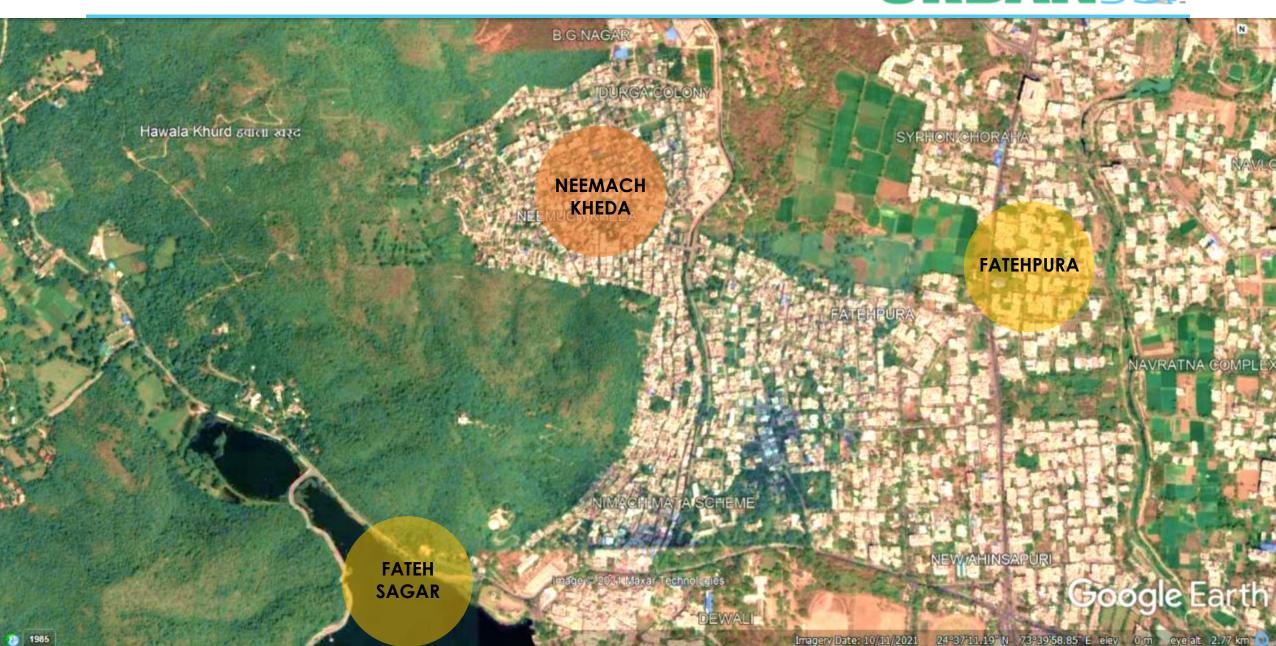


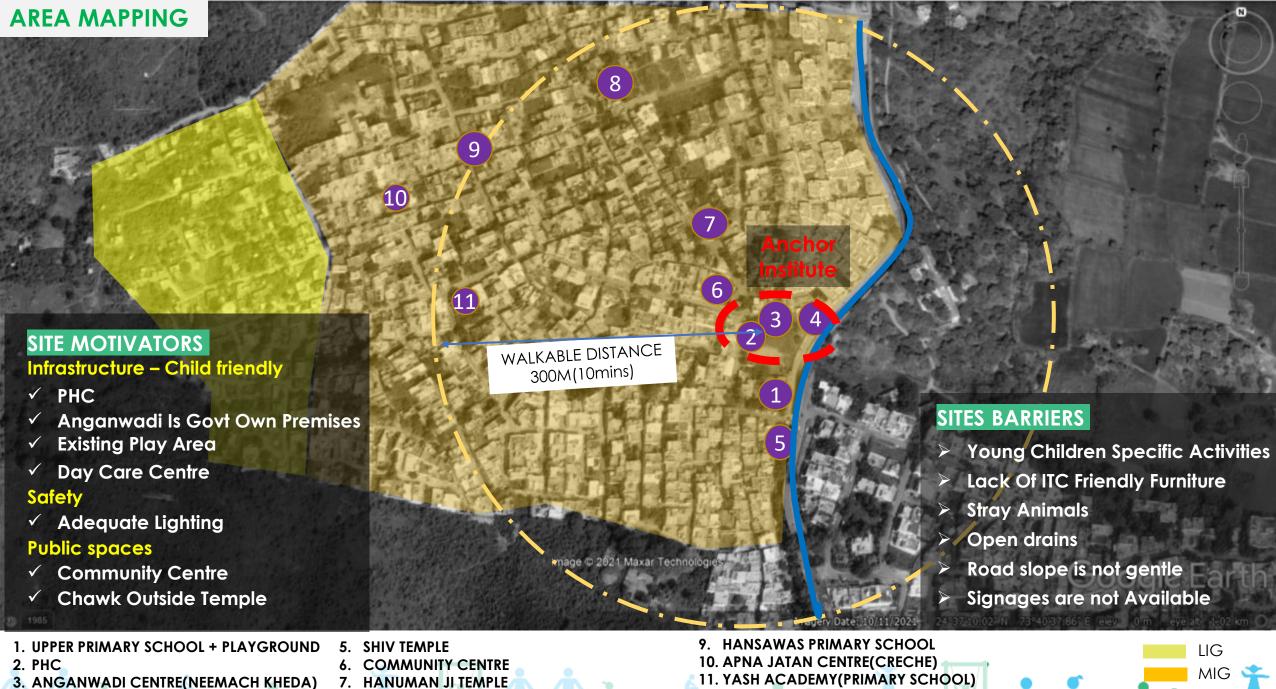


Children Priority Zones- Neemuch Kheda- Option 2

### **Site Context**







4. BATESHWAR MAHADEV TEMPLE

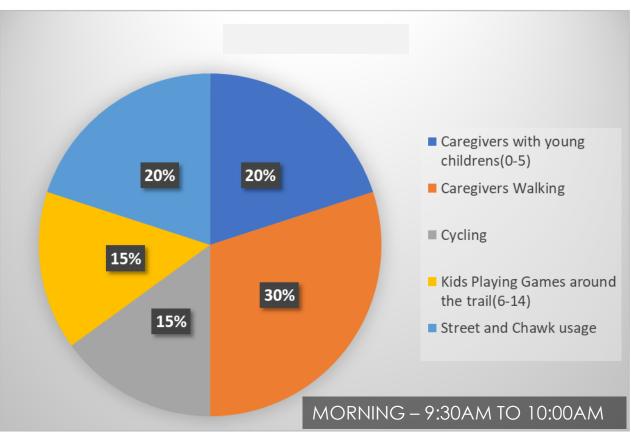
8. ANGANWADI CENTRE(MANOHARPURA)

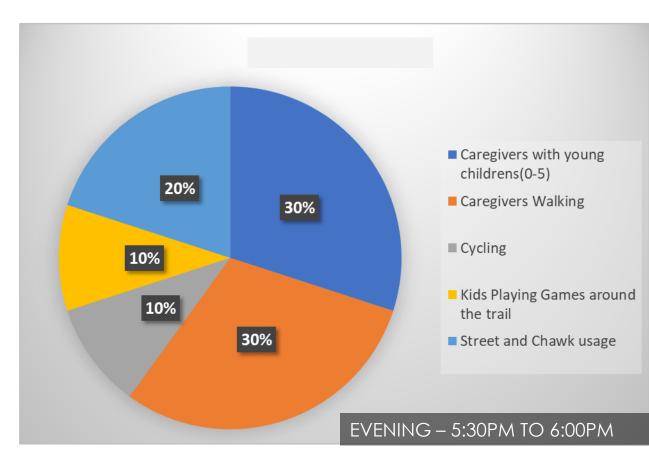




# Visual Survey- Gavri Chowk to Anchor (Morning & Evening), Nos. & Activities





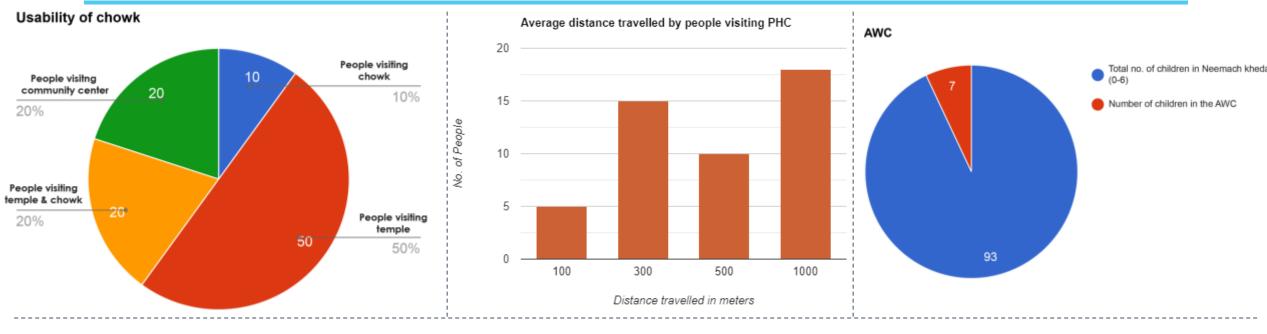


• 50% of overall Visitors are ITC:



### **Community Engagement via Primary** Survey





Conducted to develop insights on their visiting Patterns, Time Spent in the Park, Activities they are engaged in etc. via specially Designed Questionnaire

#### Inferences

- The footfall in public spaces like chowk Walkability should be improved as it is a comparatively reduced due to COVID
- Strong community with multiple ITC destinations creates a safe neighborhood
- hassle due to stray animals and hawkers
- Small cycle track to demarcate cycling lane to make it safe for kids cycling on street
- From 93 students, only 7 go to AWC, showing lack of accessibility & knowledge amongst caregivers
- Narrow streets and unorganized parking























### TRAIL CONTEXT



Gaveri Chawk



Primary Health Center

### Area appreciations/

#### **Barrier**

- Here CPZ is taken as a trail rather than a peer institute
- This serves as a connection to all the major ITC destination

Upper Primary School



Hanuman ji Temple

Community Centre





Anganwadi ,centre

School playground



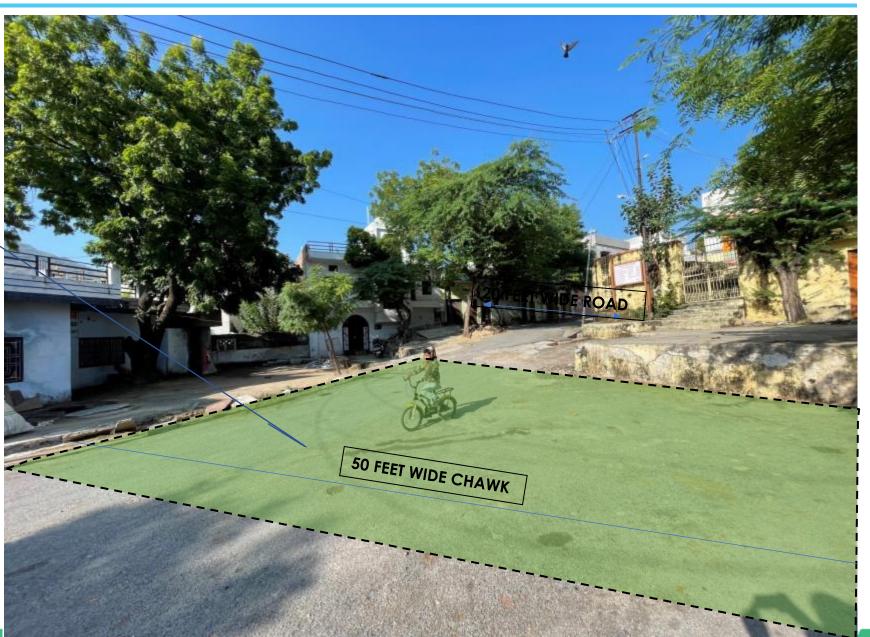
## Site Approach

# URBAN95



Area appreciations/ Barrier

 The Chawk can used as holding area in making the journey to reach the ITC destination more interesting

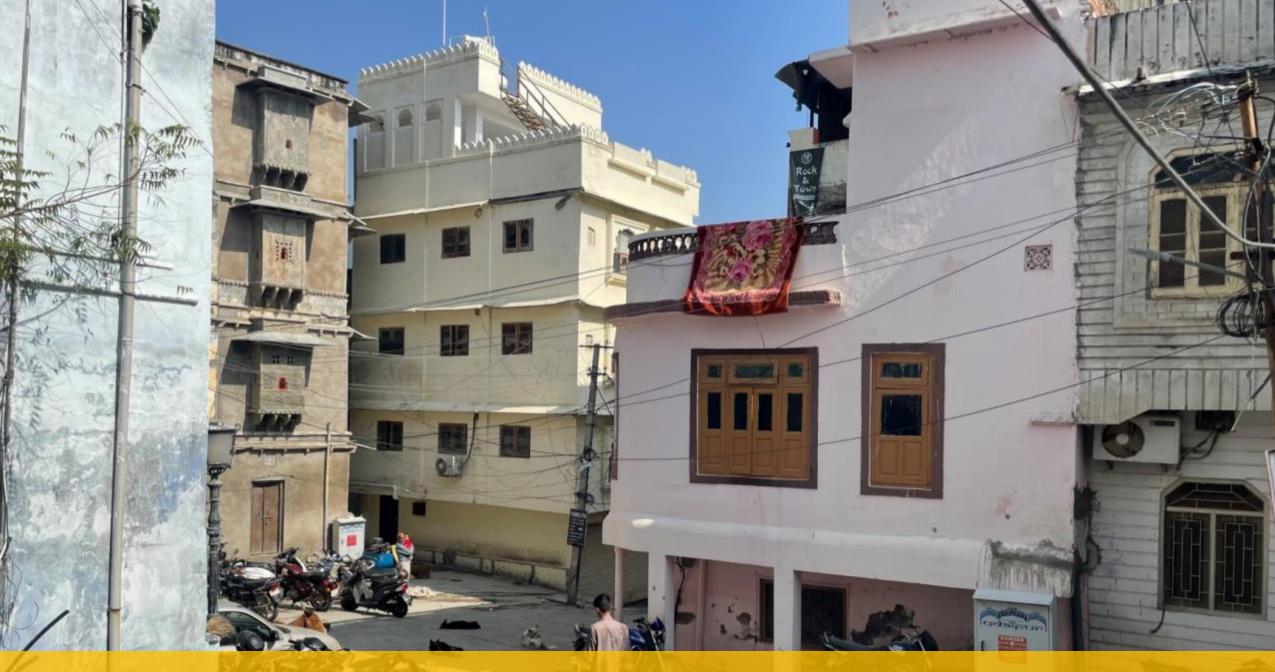




## **Zone Approach- Connected Roads**



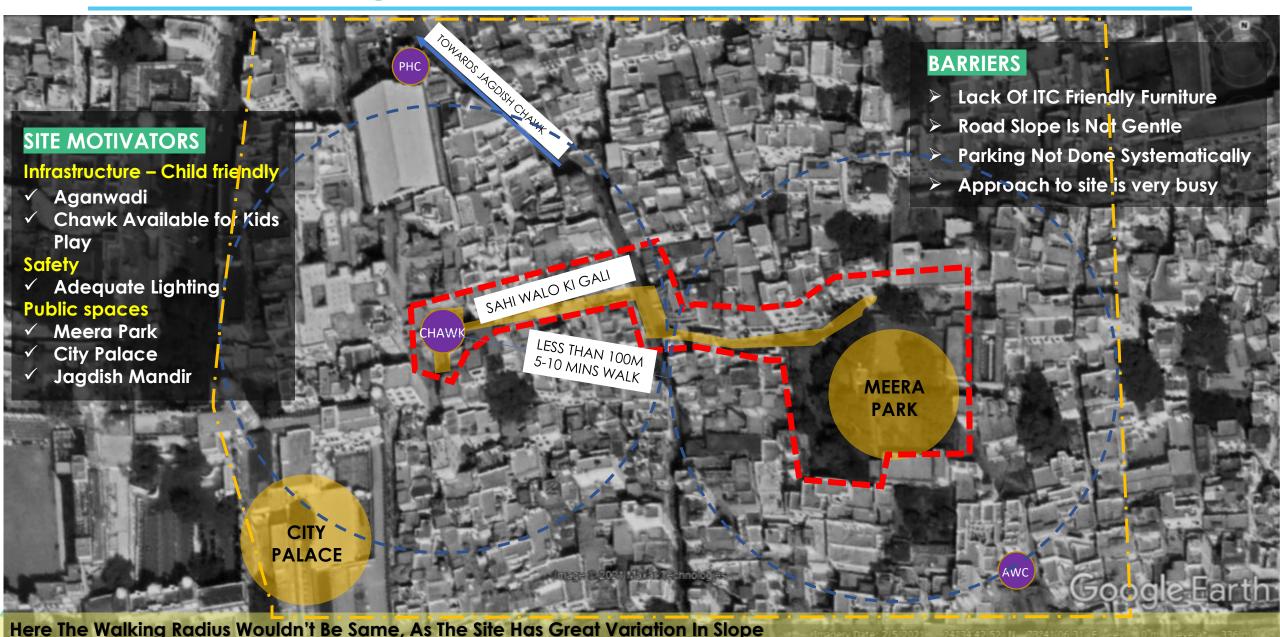




Children Priority Zones- Meera Park & Shaiwalo ki Gali- Option 3

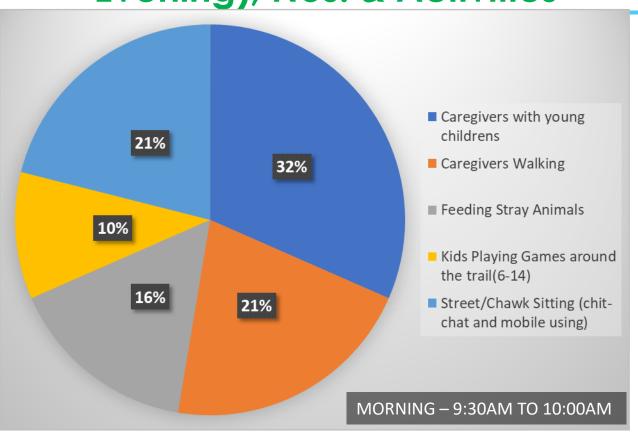
### **Area Mapping**

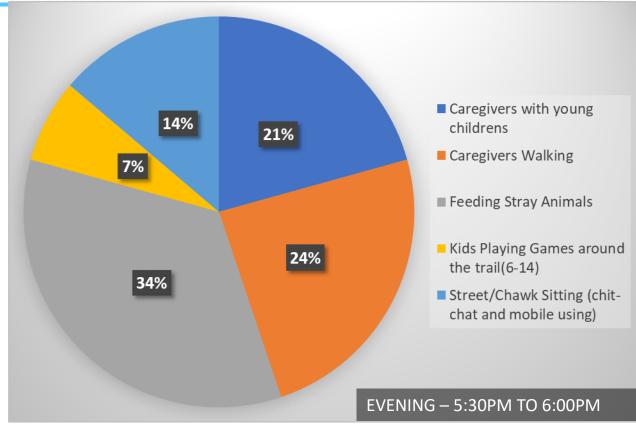




# Visual Survey- Sahiwalo ki Gali (Morning & Evening), Nos. & Activities







• 50% of overall Visitors are ITC;





















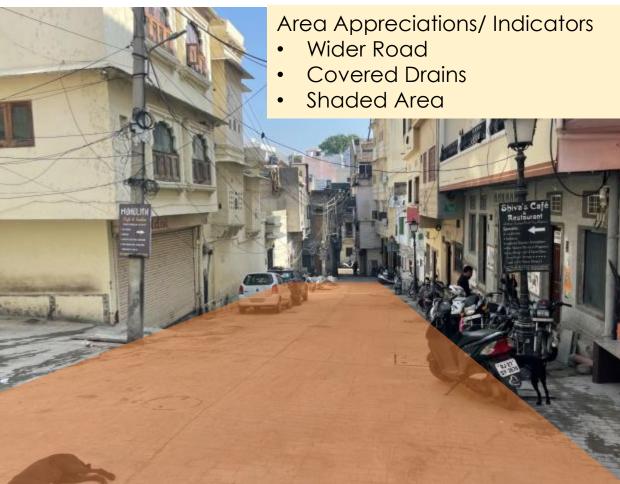




### Visual Survey- Sahiwalo ki Gali ITC Barriers







### Visual Survey- Sahiwalo ki Gali ITC Barriers







### Visual Survey- Sahiwalo ki Gali ITC Barriers





#### Barriers

- Stray Animal in the chawk
- Unorganized parking
- Open manhole
- Construction Debris on Site





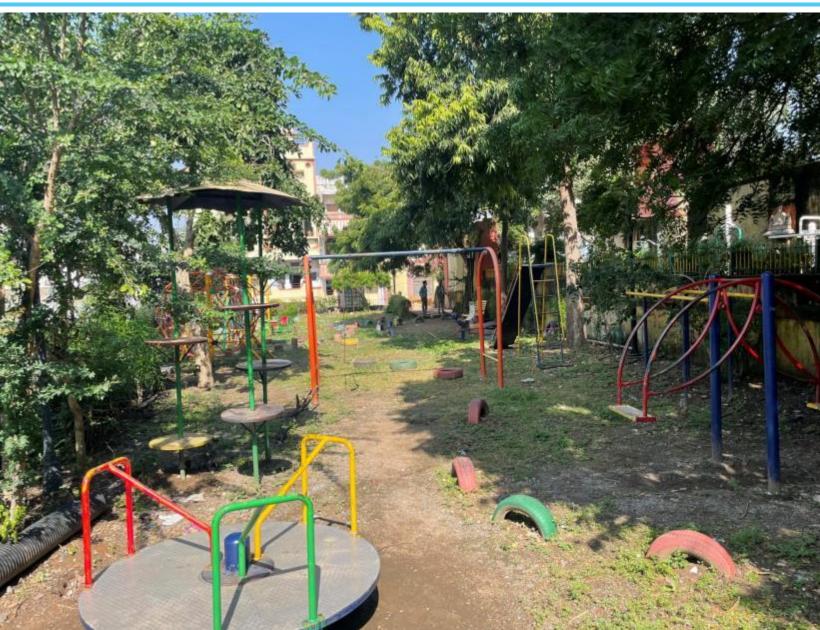
### Visual Survey- Meera Park, ITC Barriers





#### Area Appreciations/ Indicators

- The playing equipment's are not well maintained.
- Due to lot of stray the footfall has decreased













### Visual Survey- Meera Park, ITC Barriers





#### Area Appreciations/ Indicators

- Large park / green open space in city center
- Space for young children & caregivers
- Park caretaker is active







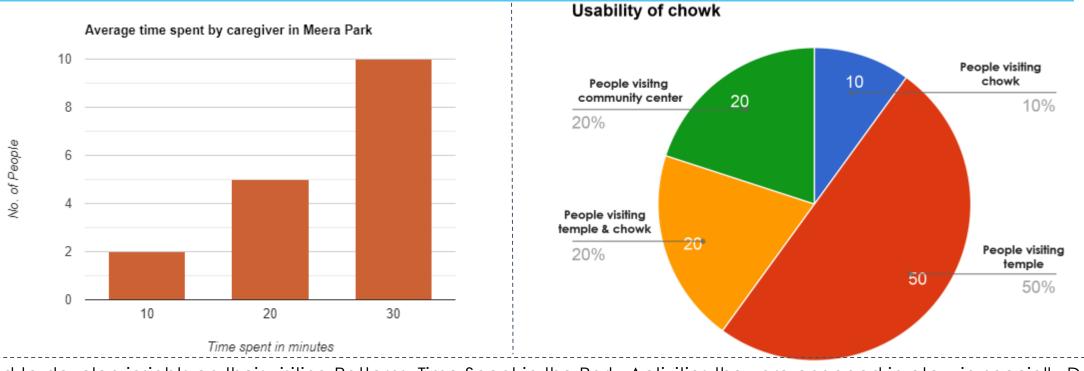






# Community Engagement via Primary Survey





Conducted to develop insights on their visiting Patterns, Time Spent in the Park, Activities they are engaged in etc. via specially Designed Questionnaire

#### Inferences

- The site has multiple ITC attractors but is highly unsafe due to steep slopes and heavy traffic on narrow streets
- Interventions will facilitate not only to locals but also tourists due to multiple tourist attractions nearby
- Stray animals on street are a hurdle while walking with kids
- If parking is organised, ample space can be created for child- friendly activities
- Garden lacks hygiene, has equipments but they are not maintained and hygienic so less footfall
- Steep slopes lead to water logging which restricts ITC from leaving home during monsoon
- Heavy congestion due to tourist spots in the vicinity which leaves no space to walks safely



Site Comparison & Finalization

# Site Comparison vis-a- vis Parameters URBAN951

Parameters	Ashok Nagar	Neemach Kheda	Sahi Walo Ki Gali/ Meera Park					
Pedestrian walkway	Available	NA	NA					
Availability of Intermediate Public Transport (IPT) within the Close Proximity, Space for Organized Parking	Available	Available	Available					
Dedicated Spaces For Children & Care- givers	<b>Available</b> (In Anchor Institute)	NA	<b>Available</b> (In Meera Park)					
Children Playing Equipment's	<b>Available</b> (Can be ITC oriented)	Partially Available (A Large School Playground)	<b>Available</b> (In Meera Park)					
Available of Active Facades to Engage Children	Available	NA	NA					
Adequate Lighting & Safety Signages	Available	Available	Partial					
Safety Signages	NA	NA	NA					
Shaded Areas, Seating/ Resting Places	<b>Available</b> (Seating Space Needs To Be Created)	<b>Available</b> (Seating Space Needs To Be Created)	NA (No space to create Additional Seating Spaces)					
Proximity to other ITC Destinations & Services	Available	Available	Partial					
Feasibility	<b>Highly Feasible</b>	Feasible	Less Feasible					

Based on the Above Parameters Checklist Ashok Nagar and Neemuch Kheda can be seen as Feasible site, given already 'Available' ITC Friendly Parameters



### **THANK YOU**

Contact-PMU Urban95 Udaipur Udaipur Municipal Corporation

