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Impact of expanding Urbanization on the Development of Alandi (Devachi) from Pune District

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Abstract:

Alandi (Devachi) is a spiritual place which is close to the cities of Pune and Pimpri-Chinchwad and belongs to the Pune metropolitan area and where every year warkaris visit in lakhs. There is increase in the residing population along with the increase in related requirements. Existing infrastructure and facilities are not sufficient. It leads to much obstruction and many social and economic problems. Urbanization is taking place at a faster rate in India. Urbanization process involves shifting of rural people to cities and metros to find the sources of living and employment. It is natural process. India is developing nation and urbanisation is increasing due to planned policies by Central and State Government. LPG has accelerated the growth rate urban areas. Industrial development takes place at the fringe of PMC and PCMC area to take benefit of high class facilities of education, health, housing, recreation and other basic amenities. Proposed Ring road, MIDCs at Chakan, Talegaon, Sanaswadi, Ranjangaon have tremendous impact on Alandi (Devachi). This research paper focus on the availability various facilities, future prospects for Alandi (D), problems due to urbanization in Alandi (D). This paper also suggests implications to face certain challenges.

Keywords: Urbanization, Poverty, Transport, Unemployment, Water, Women empowerment.

Introduction:

The place Alandi (D) is known as a holy place of Saint Dnyaneshwar. It has become famous after famous Saint Dnyaneshwar moved here and stayed till the end of his life. He holds a prominent place in history of Maharashtra as he created with popularizing the worship of Lord Panduranga. He wrote a famous book "Dnyaneshwari" in Alandi (D).

Profile:

Alandi (D) is a town and Municipal Council in Pune district in the state of Maharashtra, India. The town is popular as a place for pilgrimage for being the resting place (Samadhi) of 13th Century Marathi Bhakti Saint, Saint Dnyaneshwar.

Country	India
State	Maharashtra
District	Pune
Population (2011)	28576
Local Language	Marathi
Pin	412105

Source: Secondary Data

Under the pilgrimage centre development plan 18 crores is allocated to build sewage treatment plant in Alandi (D).

Some Tourist places near Alandi (D):

Sr. No.	Place	Distance
01.	Sangram Durg (Chakan fort)	14 km
02.	Tulapur	14 km
03.	Dehu	14.5 km
04.	Aga Khan Palace	20 km
05.	Darshan Museum	21 km
06.	Shaniwarwada	22 km
07.	Dagadusheth Halwai Ganapati Temple	23 km
08.	Balaji Mandir	24 km
09.	Raja Dinkar Kelkar Museum (Mastani Mahal)	24 km
10.	Okayama Friendship Garden	26 km
11.	Lonavla	57 km
12.	Sinhagad	58 km
13.	Lavasa	75 km
14	Malshej Ghat	100 km

Source: Secondary Data

Research Methodology:

- Present research paper is based on primary data as well as secondary data.
- Primary data has been collected from 40 citizens from Alandi area.
- The study intended to identify the problems in Alandi (D). To observe this, survey is made with the self-prepared questionnaire.
- Secondary data is collected from reference books, Journals, Magazines, Newspapers, authentic web sites, etc.

Analysis and interpretation of data:

The problem intensity experienced by citizens depending on various factors like health, education, environment, river pollution, women empowerment environment. Also, the problem intensity differs significantly based on respondents' demographic profile such as gender, age, nationality, education, profession, income, geographical location, family size and frequency of tour made. The discussed situation with the intensity of problems requires more attention and policy efforts to develop tourism development. For analysing the problems we surveyed and collect the data.

The results of the data are as followed:

Table No. 01: Schools and Colleges in Alandi (D)

Schools: For education facilities there are some schools available for students. Some of them are Sant Dnyaneshvar Vidyalaya, Achivers Academy, Jayashree School, Paradise international School, Raja Shivchatrapati Vidyalaya, Shri Pandurang Appagi Kale Primary, Nrusinh Saraswati Pathashala, Kalpataru Kids, Sahyadri International School, Freedom Park School, Smt. Bhimabai Sopanrao Upadhye English Medium School, Rande English School Kalas, Guruprasad Adhyatmik Varkari Shikshan Sanstha, Radcliffe School, Sanskar Gurukul CBSE School, Priyadarshani School, Temple City School, Disney Kids Pre-School, GyanbaSopanraoMoze School.

Colleges: For higher level education there are some colleges available like MIT Arts, Commerce & Science College, MIT Academy of Engineering, Shree SantGyaneshwarVidyalaya and Junior College, RajmataJijauShikshanPrasarakMandal, RJSPM's Institute & College of Pharmacy, Gyanba Sopanrao Moze Adyapak Mahavidyalay, Modern College of Pharmacy (For Ladies).

Table No. 02: Hospitals in Alandi (D)

Hospitals: In Alandi (D), Government as well as Private hospitals are available. Some of them are Sarah Multispeciality Hospital, Lokhande Hospital, Amrut Hospital & Research Centre, Anand Hospital, Awari Hospital, Pushpa Hospital, DY Patil Hospital, Indrayani Hospital And Cance, Dr.Sonavane Child And Dental Hospital, KK Multispeciality Hospital, Matoshri Hospital, Anand Multispeciality Dental Clinic, Sadguru Hospital, Shyam Medical, Shree Sai Hospital, DR. D. Y. Patil Rural Health Training Center, Dyanraj Medical, K K Multispeciality Hospital, Om Hospital, Rural

Hospital Alandi (D).

Table No. 03: Employment opportunities in Alandi (D)

Sr. No.	Particulars	Respondents	Percentage
01.	Sufficient	08	20%
02.	Not sufficient	32	80%
Total:		40	100%

Source: Primary Data

Alandi (D) is close to the cities of Pune and Pimpri-Chinchwad and belongs to the Pune metropolitan area. A number of the local population also find employment with Indian army bases that are a few km from Alandi (D). In recent decades, areas around Alandi (D) have approx. 20 industrial areas. They are Jejuri, Bhigwan (Sinarmas), Indapur, Jejuri, Kharadi Knowledge Park, Kurkumbh, Patas (Additional Kurkumbh), Rajiv Gandhi InfoTech Park, Talawade Software Park, Ahmednagar I.T. Park Baramati, Chakan industrial area, Pandare, PimpriChinchwad (Resi) RL, Pimpri Chinchwad (Resi) RH, Pimpri Chinchwad (Resi) RM, Pimpri Chinchwad, Ranjangaon, Talegaon (Floriculture), Talegaon Industrial Area. Day by day there is increase in residing population of Alandi (D), so available employment opportunities are not enough.

Table No. 04: Self Employment opportunities in Alandi (D)

Sr. No.	Particulars	Respondents	Percentage
01.	Yes	22	55%
02.	No	18	45%
Total:		40	100%

Source: Primary Data

As Alandi (D) is a spiritual place on the bank of holy river Indrayani, everyday and throughout the year people use to visit. There is increase in requirements for various goods and services. So there are many more self employment opportunities available in Alandi (D).

Table No. 05: Impact on Agriculture sector in Alandi (D)

Sr. No.	Particulars	Respondents	Percentage
01.	Yes	27	67.5%
02.	No	13	32.5%
Total:		40	100%

Source: Primary Data

Being a rural place, farming is still an important part of the economy. Traditionally, groundnut cultivation has been important around Alandi (D). Most of that produce is sent to oil pressing mills in the nearby industrial town of Chakan. But citizens said that, constructions are increased in Alandi area, so there is decline in agriculture sector.

Table No. 06: Bank and ATM services in Alandi (D)

Banks & ATM's: In Alandi (D) various types of banks are available like National Banks, Agricultural Banks, Private Banks, Cooperative banks, etc. List of Banks and ATM's available in Alandi are HDFC Bank ATM, Union Bank of India, State Bank of India, Bank of India, Purna Co-op. Bank Ltd., Pavana Sahakari Bank, Indrayani Co. Op Bank, State Bank Of India ATM, IDBI Bank ATM, The Mahanagar Co-Operative, PDCC Bank, Buldana Urban Co-Op. Credit, Cosmos Bank, Suvarnayug Sahakari Bank, State Bank of India, ICICI BANK ATM, Vrudheshwar Urban Multistate, Union Bank Of India ATM, Canara bank ATM, Bhairavnath Nagari Bank.

Table No. 07: Transport services in Alandi (D)

Bus-stop: Alandi (D), Tapkir Nagar Moshi Road, DehuPhata, Moshi Phata, Navin S.T. Stand, Kalewadi Pump, Sambhaji Chowk.

Pune Airport: 17 km

Railway stations:

Sr. No	Railway Station Name	Distance
01.	Pune Junction	21 km
02.	Kasarwadi	15 km
03.	Pimpri	15 km
04.	Chinchwad	15 km
05.	Dapodi	19 km
06.	Khadki	22 km
07.	Akurdi	16 km
08.	Ghorpuri	21.5 km
09.	Shivajinagar	20.5 km
10.	Dehu Road	21 km

Table No. 08: Various services in Alandi (D)

There are various services available in Alandi (D). They are as follows:

- **Courier Service:** Alandi also provide Domestic and International courier service such as DTDC Courier, Shree Nandan courier service, Vadgaonkar Transport, Shree Maruti Courier Service Pvt. Ltd, DTDC Express limited.
- **Post office:** Thereis also government post office in Alandi (D) and near by areas like Wagholi Post Office, Moshi Branch Post Office, Chimbali Post Office, Dhanore Post Office, Bhosarigaon Post Office.
- **Mall:** There are some small malls available in Alandi (D). They are Mall Mart, Mahaveer Super Shoppeeand Nikhil grocery world.
- **Police Station:** Alandi (D) Police Station, Vishrantwadi Police Chowki, Dighi Police Station, Bhosari MIDC Police Station, Kudalwadi Police Chowki, Bhosari Police Station.
- **Restaurants:** Forfooding and lodging purpose various restaurants are available. Some are Neelam Restaurant, Good Luck Restaurant, Good Luck Restaurant, Indrayani Veg. Restaurant Dhaba, Celebration Veg Resto& Banquet, Hotel Akshay, Aradhana Garden Restaurant.

Table No. 09: Women empowerment in Alandi (D)

Sr. No.	Particulars	Respondents	Percentage
01.	Self-help groups	37	92.5%
02.	Women education	33	82.5%
03.	Women etrepreneurs	35	87.5%
04.	Employment	38	95%
05.	Others	22	55%

Source: Primary Data

Women is undivided part of the society as well as economy. So to empower each and every woman in Alandi (D) lots of efforts taken by Government, Non govermental organizations, Private institutions, Society members and women itself. Self-help groups are created to make women financially strong. Education is provided by schools and colleges. Many women are doing various types of businesses in Alandi (D). Also women are working in different sectors to stand on their own feet.

Table No. 10: Measures for Indrayani river pollution in Alandi (D)

Sr. No.	Particulars	Respondents	Percentage
01.	Citizens	37	92.5%
02.	Governmental measures	33	82.5%
03.	Non-Governmental measures	35	87.5%
04.	Institutional measures	38	95%

Source: Primary Data

As Alandi (D) is a spiritual place on the bank of holy river Indrayani, everyday and throughout the year people use to visit. Holy river Indrayani gets polluted because of certain myths in the society. To save Indrayani measures under taken by Government, Non-governmental organizations, Private institutions, Society members itself. They are trying to save Indrayani through cleaning, campaigning, creating awareness among citizens and many more activities.

Table No. 11: Basic amenities – Water, electricity etc.

Sr. No.	Particulars	Respondents	Percentage
01.	Yes	37	92.5%
02.	No	03	7.5%
Total		40	100%

Source: Primary Data

Citizens are happy as the amenities available at sufficient level. Only in rainy season, there is a need to improve water quality.

Suggestions:

With the help of primary data, it is observed that Alandi (D) is expanding by urbanization. It's also a connecting network to Airport. In future PCMC area can expand up to Alandi (D). There is increase in the residing population along with the increase in related requirements. Existing facilities are not sufficient. This leads to much congestion and many social and economic problems. There is a demand found for waste management, facilities for drinking water, toilet facilities, Hotels, Lodges, etc.

- **Government:** Government can design new policies for development of Alandi (D) like constructing new highways, waste management, drinking water supply, traffic management, toilet facilities, etc.

- **NGO:** There are various NGO's works for the Alandi (D) tourism. They can spread awareness among tourists and local peoples. They may also provide free medical check-up campaign, food distribution, Drinking water, etc.
- **Nearby schools and colleges:** The students can present skit plays, awareness drive, etc.
- **Warkaris:** Warkaris can follow traffic rules, maintain cleanliness, maintain peace, etc.
- **Suppliers:** As per demand of peoples suppliers should provide all commodities in time and keep stock as per the needs.

Conclusion:

My survey with the help of schedule showed that there is increased demand for basic needs such as food, shelter, clothing, education, health, water, electricity, roads, banks and services for day to day needs.

I also observed that Alandi (D) is a spiritual place and surrounded by industrial area. At the time of Wari period there are huge number of warkaris visiting Alandi (D) for worshipping god. At that time the demand for goods is maximum. Government agencies, local authorities and Non-governmental organisations are trying their level best to fulfill the needs of increased demands. There are so many places in and nearby Alandi (D) to visit, so there is more scope for Alandi (D) as a tourist place. Scientific and planned development of urban area is the need of hour.

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