

## Case Study on Online Plan Passing Process (ODPS)

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**Abstract**— Gujarat has become the first state in the country to develop a faceless system and pass a development plan through Online Development Permission System. The motive of online plan passing process, understanding the whole online process and the methodology as well as the advantages and the disadvantages of implementing the process, the interactions were done with the engineers and identifying the problem for the ODPS system which is implemented by government. There are problems through the server and the software, the process also gets complicated due to some server problems. The process gets longer too due to the server down issues. A case study was been carried out in this semester and whole process how it actually works its time period, system, procedure and problems. It aims to understand the online plan passing process (ODPS) and finding the problems faced at local and all levels. The survey is been carried to understand the reviews of the engineers working in this process.

**Keywords:** Online Plan Passing Process (ODPS)

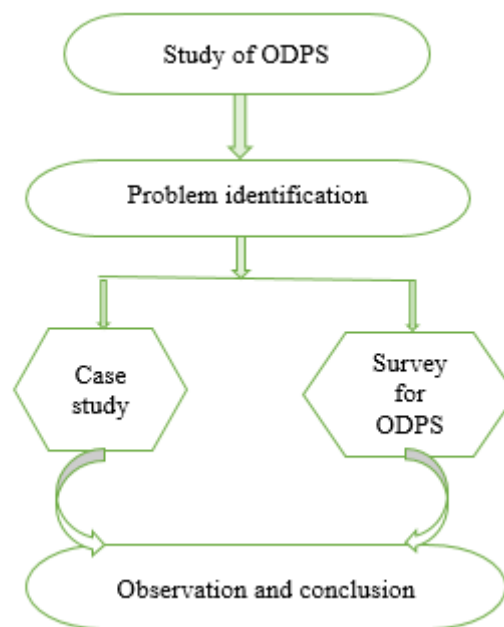
### I. INTRODUCTION

The topic “Case study on online plan passing process” is been selected considering the whole new concept before few years where the plan passing of all the residents, industries, hotels, etc. were made online. The state is working sincerely on 4 pillars of Transparency, Decisiveness, Sensitivity and Progressiveness. Until now the process has been offline since May 7, 2018 the online process has come into account. GDCR has been amended to common GDCR for developing new system. By focusing on 15 vital important things like FSI, height, margin, parking, fire safety, govt. has ensured that the plan is passed within 24 hours based on its adequacy. The focus is on addressing the problems both technically as well as all the other way possible and having a detailed study on the online plan passing process. Therefor the study on the problems and the difficulties faced by the engineers and clients technically and in other possible ways. The survey carried out on the ODPS system and data is been collected on the views of the engineer. This whole process is been understood and the problems and possible solutions are been identified.

### II. STUDY AREA

Ahmedabad is the largest city of Gujarat. Ahmedabad is located on banks of the Sabarmati river, 23 km (14 mi) from the state capital Gandhinagar, which is its twin city. Area: metropolis 505 km<sup>2</sup> urban 1,866 km<sup>2</sup> Ahmedabad lies at 23.03°N 72.58°E in western India at 53 metres (174 ft) above sea level on the banks of the Sabarmati river, in north-central Gujarat. It covers an area of 505 km<sup>2</sup> (195 sq mi). According to the Bureau of Indian Standards, the town falls under seismic zone 3, in a scale of 2 to 5.

### III. METHODOLOGY



### IV. ANALYSIS AND SURVEY

The survey was carried out to analyze the system of ODPS. Through this survey the engineers view is taken into account.

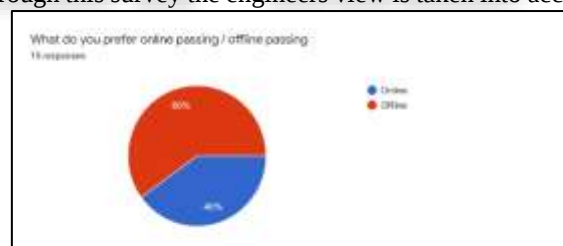


Fig. 1: Pie-chart shows the preference of the engineers over online/offline.

| Sr.no | Views of ODPS system                                                                           |
|-------|------------------------------------------------------------------------------------------------|
| 1.    | ODPS is a good system but there is server down problem.                                        |
| 2.    | System is alright but drawing software needs upgradations.                                     |
| 3.    | There is lack of management and time period is more comparatively.                             |
| 4.    | There is sever down and PREDCR drawing problem in online system. Especially in revise case.    |
| 5.    | Software has many drawing queries and other queries which are not possible to resolve of site. |
| 6.    | Paper less work and corruption free.                                                           |

Table 1: Engineers view on ODPS system

| Sr.no | Problems in ODPS                                                                                                                                                                                   |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.    | Sever down and report not approved after many days.                                                                                                                                                |
| 2.    | Inappropriate queries.                                                                                                                                                                             |
| 3.    | Drawing queries and problems comes up now and then.                                                                                                                                                |
| 4.    | After uploading BU file the report doesn't come nor does any query generate. Only last scrutiny pending comes.                                                                                     |
| 5.    | I have applied online for scheme of semi-detached dwelling unit since January, but it has not generated till date. Every time different query comes up. Some of queries are not possible to solve. |
| 6.    | There is internet problem at government offices so work gets delayed.                                                                                                                              |

Table 2: Problems faced by the engineers during ODPS system

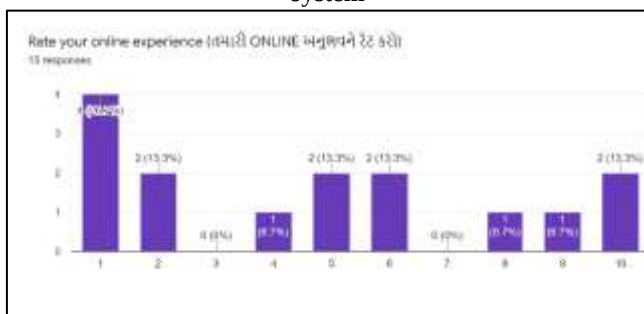


Fig. 2: The graphical representation of ODPS system experience.

| Sr.no | Suggested solution                                                                                                                              |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.    | Improving the internet quality at the offices.                                                                                                  |
| 2.    | Increase the auto revoke timings.                                                                                                               |
| 3.    | There are some queries which are not possible to solve on site so for them the engineers can contact their zonal officers and resolve that out. |
| 4.    | Some of the queries which are not possible to solve on site and generates frequently that can be solved by coding if possible.                  |
| 5.    | The approval time can be decreased, as system talks about giving approval within 24 hours.                                                      |

Table 3: Suggestions of solution by the engineers over ODPS system.

## V. CONCLUSION

The ODPS system is a new and good initiative taken by government to cope up with the increase in technology. There is mismanagement and lack in handling the ODPS system. The government claims to give approval within 24 hours but it is not in the actual case. There are many pros and cons of this system.

This system can be made efficient by managing it in proper manner, the server issues can be resolved, and many solutions mentioned above in table 3 can be brought to application. The engineers and government officers will take time to get use to ODPS system and after they get used to it the process get easy to excess and effective most of the engineers suggest to bring the offline process on work.

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## REFERENCES

- [1] [www.townplanning.gujarat.gov.in](http://www.townplanning.gujarat.gov.in) : This is an official guidance site for ODPS system.
- [2] Comprehensive General Development Control Regulations 2017: This is an official by-laws document which was been studied.
- [3] The government TDO officer and the engineers who works on the ODPS system.