



Analysis of Waste in Mancheswar Industrial Area

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Abstract: *The twenty-first century is witnessing sustained population growth together with urbanization and industrialization. Since 2007, more than half the world's population has been living in cities, and that share is projected to rise to 60 percent by 2030 (UNSD) (1). The present study makes an empirical attempt in developing satellite city for Mancheswar dwellers of in Bhubaneswar. Rapid urbanization and increasing migration from rural areas has led to growth of Mancheswar in every city/town, not only in Odisha, but elsewhere in the country. Despite continuous efforts by the State government to restrain the number of Mancheswar dwellers, the Mancheswar have become an integral part of the phenomenon of urbanization and are, in a way, manifestation of overall socio-economic policies and planning in the States and the Country. Nearly world's 1/3rd urban population were lived in Mancheswar in 2001 (Jitender, 2014) (2). On the other hand, the focus of study in the developing countries is on urban housing, urban poverty and rural-urban migration (Bolay, 2006) (3)*

Keywords : GIS, MAPPING

I. INTRODUCTION

1. As we know that Bhubaneswar is the largest and capital of odisha with a large population projection of about 12 million as of 2022. .After independence Bhubaneswar is one of the first planned cities. . Since its establishment as the capital of Odisha after Cuttack in 1949, the city is the educational and economical hub of the state. To find out the data inside the city which are degrading the architectural beauty of the city in field of planning and management.
2. Macheswar belongs to a place where most of the part is developed.
3. The development is done by looking into the perspectives of sanitization, living conditions, space management, and blockage to the development of the ward.
4. The resettlement plan area is of exact area as of the mancheswar the designing and management of the space is done according to the bda approved statistics, where each of the elements like living/parking/ recreational centers/hospitality area/ transporation parameters are maintained according to the govt. Society plan.

II. MATERIALS AND METHODS

The flow chart below is prepared to understand the thorough methodology. Methodology: Survey of AOI Preparation of Socio Economic Survey Datasheet Survey of (Mancheswar) Digitization of Data in GIS software and Map Generation Development Strategy

III. REVIEW OF LITERATURE

Sk. Nagaraju, B. Sivakonda Reddy, Prof. A. Ray Chaudhuri Presented that resource management in construction projects a case study, they focussed on the study has been carried out in two phases. The first phase, of primavera software project schedule for various activities for the construction of a commercial building has prepared.

IV. RESULTS AND DISCUSSION

Settlement plan consist of various elements according to government authorized society plan to provide better living conditions for its residents. Elements present in this settlement plan are as follows: Building Blocks, Parking Area, Side Lawn, Side Walk, Road, Garden/Park, Plantation, Areas for social gathering, Kid's area and etc. After land use land cover mapping geometrical calculations (area calculation) for those elements was performed using the geometrical calculation tool and (WGS1984 UTM Zone45N) coordinate system.\



Fig. Satelment plan

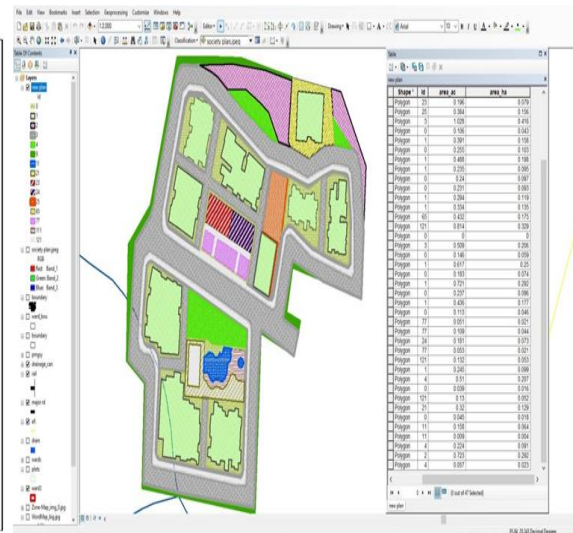


Fig. Geometrical calculation of settlement plan

V. CONCLUSION

Mancheswar redevelopment projects deals with major allocation of money and resource. Many studies have been done to maximize the efficiency of resource usage, but there exist gaps and limitations on ground, this study has brought up the issues, rectify . . Following are the n major identified challenges.

- Time overrun
- Seepage in newly constructed building due to bad construction and lack of water proofing treatment.
- Material quality used in construction becomes inferior due to improper storage, handling and poor mixing of concrete.
- According to plot size, preparation of plan with minimum requirement of sizes of rooms as per slandered could not followed.

VI. ACKNOWLEDGMENT

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