

EXTENSIVE SURVEY PROJECT (CIV 255)

A PROJECT REPORT

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BACHELOR OF TECHNOLOGY

in

CIVIL ENGINEERING

SCHOOL OF ENGINEERING

*Under the Guidance of***Mr. Bhavan Kumar, Assistant Professor****Mr. Deepak Arora, Assistant Professor****Mr. Ahamed Sharif, Assistant Professor****Presidency University**

MAY 2021





Presidency University
Department of Civil Engineering

BONAFIDE CERTIFICATE

Certified that this report “**Extensive Survey Project (CIV 255)**” is Bonafede work of “**EAMANI VENGIAH (20181CIV0029)**” who has carried out the project work under my supervision.

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DECLARATION

I, the student of Third year B. Tech, Civil Engineering, Presidency University, Bengaluru, named **EAMANI VENGAI AH (20181CIV0029)** hereby declare that the project work entitled “**Extensive Survey Project**” has been independently carried out and submitted in the partial fulfillment for the award of the degree of Bachelor of Technology in Civil Engineering during the academic year of 2020-21. Further the matter embodied in the project has not been submitted previously by anybody for the award of any Degree or Diploma to any other institution.

Place: Bengaluru
Date: 21-May-
2021

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Ghati Sri Subramanya Temple, Doddaballapura

Ghati Sri Subramanya Temple is one of the most popular temples amongst the hundreds that are scattered in and around Bangalore. People flock in thousands to this temple and the presiding deity, Sri Subramanya, is particularly popular population in Karnataka. It is located near Doddaballapura in Bangalore Rural district, about 60 km away from Bangalore city.

It is an ancient temple, built in Dravidian tradition, similar to many other temples around Bangalore and Mysore, including the Nanjundeshwara temple in Nanjangud, and the famous Chamundeswari temple atop the Chamundi hills. As it is a fairly old temple, with the presiding deities of both Lord Subramanya and Lord Lakshmi Narasimha, it attracts the devotees of both deities. Though the only place of interest in Ghati is the temple, there are plenty of other attractions within 20 – 30 km of the temple.

The style of architecture in this temple is Dravidian. No one knows how long the idols have stood there for, but the Sri Subramanya Temple is believed to be an ancient one. The idol of the Lord is said to be swayambhu, meaning self – originated and not created or sculpted by anyone else. A unique aspect about the temple is that while the sculpture of the Lord Subramanya is positioned towards the East, Lord Lakshmi Narasimha stands at the back of the same idol, facing the West. The devotees obtain a darshan of Lord Lakshmi Narasimha by way of a strategically placed mirror. The temple is particularly special for those who seek the Lord to bless them with a child.

The temperature fluctuates between 18 and 23 degrees Celsius. The climate is salubrious at Ghati. It rains here mainly during September - October. The rain is usually a heavy downpour.

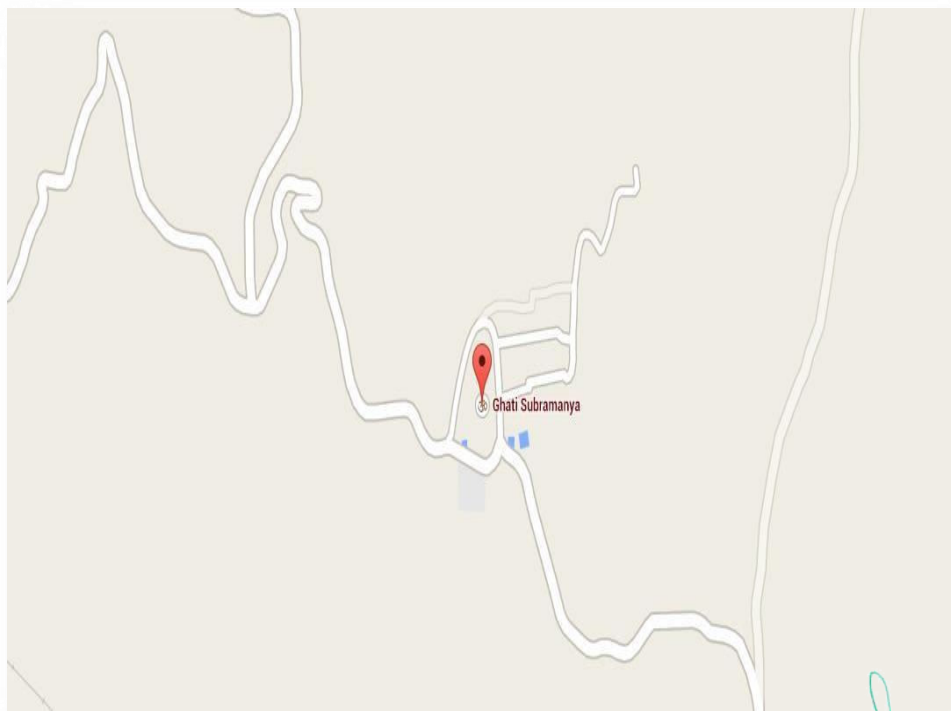
As there is reasonable amount of rainfall, the construction of a dam will improve the cultivation in the area. With highway in the near vicinity, and with the available marketing of cultivable products will be easy. This motivated us to look for construction of canals in the village so that cultivation can be considerably improved. We surveyed the land and found that construction of canal is feasible in that area.


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Population has increased to higher levels along with the floating population, which needs good and portable water as well as a hygienic sewage system, which is most important, failing, in which health hazards may break up making unhygienic atmosphere. And the restoration of the earthen bund is required to store water for domestic, irrigation and other purposes.

Thus, as a fundamental duty of the government and being a social obligation, it was proposed to carry out water supply and sanitary work and Old tank Project. With this the present and existing detail such as source of water, quality of water, type of water supply scheme fulfilling present need and future demand would be designed with these details available. And we also carried a highway project for this pilgrim centre for safe and economic transport for the people to travel.

MAP OF GHATI SUBRAMANYA VILLAGE



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