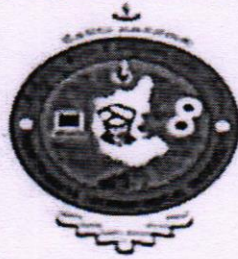


# VISVESVARAYA TECHNOLOGICAL UNIVERSITY

"JNANA SANGAMA", MACHHE, BELAGAVI - 590018, KARNATAKA



2021-202

Project Report on

## "ANALYSIS AND DESIGN OF PARKING SPACE FOR A SELECTED AREA IN TUMAKURU CITY USING ANYLOGIC PLE"

Submitted in partial fulfilment of the requirement for the award of degree

**BACHELOR OF ENGINEERING**

**IN**

**CIVIL ENGINEERING**

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## CERTIFICATE

Certified that a project report on entitled “ANALYSIS AND DESIGN OF PARKING SPACE FOR A SELECTED AREA IN TUMAKURU CITY USING ANYLOGIC PLE” has been successfully carried out by BHAVANA G (ISV19CV402), CHANDAN A S (ISV19CV403), HARSHITHA M P (ISV19CV410), RAKESH H M (ISV19CV413), students of Shridevi Institute of Engineering and Technology, Tumakuru -572106, in partial fulfilment of project for the award of Bachelor of Engineering in Civil Engineering of the Visvesvaraya Technological University, Jnana Sangama, Belagavi -590018 during the academic year 2021-2022. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report deposited in the Department library. The report has been approved as it satisfies the academic requirement in respect of project on current topic prescribed for B.E Degree.

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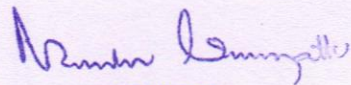
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Signature with date



## ABSTRACT

In developing cities such as in Tumakuru, there are a lot of vehicle parking locations that still use conventional methods, which can harm drivers and also parking area owners alike, the process is slow and unsafe, making many people around feel afraid to use parking locations that are still conventional, the conventional parking lots in Tumakuru is too many, sometimes also make people have no other choice but to use unsecured parking lots, theft is the main factor that is difficult to avoid especially in developing countries which are not safe, and the location of the parking lot that is very open, makes a lot of opportunities which of course can be used by thieves or irresponsible people. Not only thieves, drivers who do not want to pay for parking, are also a problem of these users, we plan to make simulation modular parking applications that can be installs easily and cheaply, there are several challenges that we faces such as time and requirement that can increase later, with thus we plan to make this parking application using the AnyLogic PLE Software turned out to be very helpful and can also produce an application that matches the existing user stories.



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