



**Department of Computer Science & Engineering**  
**SR ENGINEERING COLLEGE**  
Approved by AICTE, New Delhi | Affiliated to JNTUH | Accredited by NBA  
Ananthasagar (V), Hasanparthy (M), WARANGAL - 506 371  
*Autonomous*

### **Minor Project Description Form**

**Batch ID: TEAM-4**

**Date of Submission: 17/03/2022**

**Project Title : DIABETES PREDICTION USING MACHINE LEARNING MODELS**

<b>Objective(s) of the Project</b>	1) In this, we are going to predict whether a person is suffering from diabetes or not based on some features include age,gender,high BP,high cholesterol,BMI,physical and mental health,etc. 2) By predicting diabetes in early stage,we can avoid it by taking health measures towards it and saves lives of people who're going to endanger to it.
<b>Technology Stack used for the Project</b>	Various Machine Learning Algorithms
<b>GitHub Link:</b>	<a href="https://github.com/RAJU-19390/MINI-PROJECT">https://github.com/RAJU-19390/MINI-PROJECT</a>
<b>Team Member 1</b>	19K41A0594 - B.Raju Role : Team Lead, Back end Development
<b>Team Member 2</b>	19K41A05A8 - P.Rithika Reddy Role : R&D, Back end Development
<b>Team Member 3</b>	19K41A0588 - T.Vishwa Role : UI & UX development and Front end Development
<b>Team Member 4</b>	19K41A0572 - K.Sai Deekshitha Role : Front end development and Researcher
<b>Guide Name</b>	Dr.M.Sheshikala

<p><b>Outcomes of the Project</b></p>	<p><u>The project outcomes are :</u></p> <ol style="list-style-type: none"> <li>1. Plotting the Data and getting new insights from the data.Data can be modeled in various plots like scatter,box,etc.</li> <li>2. Evaluate the model and deploying the application Validation the model and deploying using streamlit or flask.</li> <li>3. Collect Data, Exploratory Data Analysis on the data Collecting the data and performing exploratory data analysis on the data.</li> <li>4. To predict a person whether he/she suffers diabetes or not based on some features which will be the major output of this project.</li> </ol>
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**Guide**