**AMAL JYOTHI COLLEGE OF ENGINEERING, KANJIRAPPALLY**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**Micro project Evaluation Sheet – CSE 2017-2021 Batch**

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| **GROUP NO** | **9** |
| **NAME AND ROLLNO OF GROUP MEMBERS** | **Leoyon**  **Mrudul**  **Renuka**  **Sandra**  **Sreyas 41** |
| **BATCH** | **S1 CSE-B** |
| **GUIDE NAME** | **Jis Joe** |
| **TITLE OF THE PROJECT** | **Sudoku Solver** |
| **ABSTRACT(not more than 1000 words)** | |
| **This Sudoku solver written in python works on basis of a brute force algorithm named BackTrack in which program keeps a track of each task in stack using recursion.The front end is built using Qt framework using PyQt module.This application can solve any hardcore Sudoku puzzle in seconds by trying each combination in 9x9 sudoku puzzle.The back end uses a list as matrix to refer the puzzle.The program is cross compatible and we also created a binary file (.exe) using pyinstaller to make it run in machines that do not have python installed on.** | |
| **Software/ language used:** | **Python** |
| **NOT TO BE FILLED BY STUDENTS** | |
| **Comments & Suggestions from Guide** |  |
| **Name and signature of Guide:** |  |
| **Reviewer comments:** |  |
| **Name and signature of reviewer:** |  |