

SGK GOVERNMENT DEGREE COLLEGE, VINUKONDA

BEST PRACTICES (2020-21)

1. Title of the Practice

New Programming Language Every Month

2. Objectives of the Practice

->To introduce one programming language to students every month

-> To increase programming skills of the students

3. The Context

Covid-19 lockdown made it difficult to run conventional offline classes to students. The college decided to conduct online classes to students so that they don't get out of the academic atmosphere. Our department has thought of using this opportunity to introduce one new language every month to students. The aim is not to make students learn every language introduced, it is only intended to give a taste of mostly used languages to them. By seeing basic constructs of programming in each language, we expect that they improve their programming skills in atleast one or two languages.

4. The Practice

In the last week of each month, the Lecturer selects one new language apart from the one that is in the syllabus. He gives a brief introduction to the language like its name, the area in which it is predominantly used. He then shows some example programs in the language and executes them. He highlights basic constructs of the language and shows one or two examples of using them.

5. Evidence of Success

-> By seeing more languages, students understood the differences between various programming languages.

-> They understood the areas in which introduced programming languages are widely used.

6. Problems Encountered and Resources Required

Some of the students did not show interest to know about new programming languages. The staff tried to inspire them but of little success. However, most of the students did benefit from this practice.