*Practical Guide to*

# PYTHON PROGRAMMING

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# PREFACE

It is indeed a great pleasure and proud privilege for the authors to publish the book applicable for all the branches of bachelor degree students.

The book is written according to the latest syllabus regulation 2021 of Anna University for the subject Problem Solving and Python Programming Laboratory-Practical common to all branches of first semester students.

**Features**

- This book is written in a simple manner understandable by all students even caters to self learners.
- It helps students, teachers and researchers to understand the computing basics, problem solving, developing logic using flow charts and implementation using Python programming language.
- It covers the Python programming basic experiments including reserve keywords, identifiers, variables, operators, data types and their operations.
- All the programs in this book are tested in Python IDLE.
- All the chapters are designed with worked out programs.
- Solutions for the problems are also provided.
- It covers the syllabus of all top universities.

This book is useful not only for first year engineering students and also for self-learners, independent users.

For acknowledging your valuable comments, suggestions and to improve please send e-Mail to psw@vcet.ac.in and mpr@vcet.ac.in

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