

# **PYTHON FOR BEGINNERS IN A NUTSHELL**

**Dr. B. Firdaus Begam**

*Assistant Professor*

*Dept. of Computer Science*

Karpagam Academy of Higher Education  
Coimbatore, Tamilnadu, INDIA

**Dr. S. Manju Priya**

*Professor*

*Dept. of Computer Science*

Karpagam Academy of Higher Education  
Coimbatore, Tamilnadu, INDIA

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*A Division of Visual Soft India Pvt. Ltd.*

**ISBN-13: 978-93-91462-29-1**  
**FIRST EDITION, AUGUST 2021, INDIA**

*Printed & Published by:*  
**VSRD Academic Publishing**  
*(A Division of Visual Soft India Pvt. Ltd.)*

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*Printed & Bound in India*

**VSRD ACADEMIC PUBLISHING**  
*A Division of Visual Soft India Pvt. Ltd.*

## **REGISTERED OFFICE**

154, Tezab mill Campus, Anwarganj, KANPUR–208003 (UP) (IN)  
Mb: 9899936803, Web: [www.vsrdpublishing.com](http://www.vsrdpublishing.com), Email: [vsrdpublishing@gmail.com](mailto:vsrdpublishing@gmail.com)

## **MARKETING OFFICE**

340, FF, Adarsh Nagar, Oshiwara, Andheri(W), MUMBAI–400053 (MH) (IN)  
Mb: 9956127040, Web: [www.vsrdpublishing.com](http://www.vsrdpublishing.com), Email: [vsrdpublishing@gmail.com](mailto:vsrdpublishing@gmail.com)

# Preface

I thank the Lord Almighty for showing his blessings on us, for writing this book. This book is written for readers interested in learning Python programming from scratch and for those who wish to enhance their knowledge. This book is mainly designed for the beginners. The first thing, we want to address in this era is the expectance of the students. In this book, some of the figures and contents are referred from various web resources. We want the students to understand that this programming is quite simple and forms the basis for more advanced level of research work.

The primary reason why Python is much popular is because it is extremely fruitful when compared to other programming languages like C++ and Java. It requires less time and effort to learn. Python is easy to use, powerful and it is a great choice for beginners. It allows the reader to think like a programmer and not waste time in confusing with the syntax.

Python is a general-purpose programming language. Its popularity is important in data analytics and machine learning field. Python programming language is an open source and free. It is very easy to download and use.

In the past 10 years, Python has reached a higher level. It is one of the fastest growing languages. It gives a hopeful future along with the addition of other latest technologies. It has become one of the leading languages in the software industry.



*Author(s)*

# Acknowledgements

We are very grateful to each other to share a great understanding in completing this book. COVID-19 lockdown has given us an opportunity to come up with the idea of writing a book on Python. The idea is to write basic concepts of programming language and how program logic can be developed in to program using Python. During this journey, we have received ample support from the management, department and colleague of Karpagam Academy of Higher Education, Coimbatore.

We are grateful to our parents, family and friends for having faith in us. Last but not least we are very thankful to the Almighty for blessing us for what we are today.



*Author(s)*

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