



**ONE YEAR CERTIFICATION PROGRAMME
IN
DATA SCIENCE**
Department of Computer Science and Engineering
PSG COLLEGE OF TECHNOLOGY,
COIMBATORE-641004

DATA SCIENCE

With the advent of portable devices, huge volume of data is generated every second. This data explosion had resulted in the development of a new area of science, which deal with the processing of data and gaining new insights from the data. This new area called “data science” is an interdisciplinary field which is of great importance in today's world. Experts in the field of data science called as “data scientists” are referred to as 'sexiest job of the 21st century' by New York Times. Due to the importance of the insights that is got from the data in the field of business, research, biological science etc this area is at its highest demand. This course gives the basic introduction on the areas that should be known to become a data scientist.

COURSE CONTENTS

- Data Gathering
 - Data Exploration
 - Data Preprocessing
 - Data Visualization
- Supervised Learning
- Unsupervised Learning
- Programming with Python/R
- Working with Text and Image Data
- Performance Evaluation.

COURSE OUTCOME

At the end of the course the participants will be able to apply computer systems to the analysis of large data sets for the support of decisions.

ELIGIBILITY

- Graduates (10+2+3) in any discipline or pre-final engineering students from a recognized university
- Basic computer programming knowledge preferred.

SELECTION PROCESS

The aspirants/applicants can register at <http://event.ofirsoft.com/DataScienceProg/>. Selection will be made by short-listing the aspirant applicants.

Registration fee * = 30,000 INR+ GST(18%)

The amount is to be paid through a Demand Draft drawn in favour of “PSG CNCE”, payable at Coimbatore.

CONTACT DETAILS

Dr.S.Lovelyn Rose, Associate Professor, Dept of CSE, PSG College of Technology.
Ms.S.Christie Sajitha, Assistant Professor, Dept of CSE, PSG College of Technology.
Ms. A. Bharathi, Assistant Professor, Dept of CSE, PSG College of Technology.

Mail id: scs.cse@psgtech.ac.in, abi.cse@psgtech.ac.in

Contact No.s: 0422-4344136, 4344448