

About UPES: University of Petroleum and Energy Studies (UPES) was established in the year 2003 through UPES Act, 2003 of the State Legislature of Uttarakhand. With an ambitious vision and unique approach, UPES emerged as an innovative institution offering industry-focused specialized graduate, post graduate and doctoral programs in key areas such as Energy, Infrastructure, Transportation, Information Technology, Design, Planning & Architecture, Public Policy and Legal studies.

Founded by prominent educationalists and industry experts, UPES is committed to maintain high standards in providing quality education. The university endeavours to be recognized as a 'Nation Builders University' with a progressive vision of creating specialized professionals in the core sectors that can contribute in the economic growth of the country.

The university's objective is to develop domain specific and competent technocrats, professionals and managers who are ready to join the core industries. Advanced teaching methodologies, innovative and updated curricula and the focus on 'on-the-job exposure' give UPES students the edge to be readily deployable in the chosen field.

CIT-Centre for Information Technology: Centre for Information Technology (CIT), being a part of College of Engineering Studies, is an academy-industry alliance between UPES and IBM India aimed at developing a dynamic platform for next generation students to acquire high end IT education at graduation level.

Center of Information Technology is running with various Computer Science under graduate and post graduate programs catering to new technologies like Cloud Computing, Mainframe Technologies, Open source system, IT infrastructure, Telecom Informatics, Business analytics, E-Commerce, Banking Finance Insurance Services.

The center provides the students a sophisticated learning environment equipped with all essential learning tools and facilities.

There is an advanced computing center with 24 hours Wi-Fi connectivity and conducive ambiance. The online ERP system for academic monitoring, ICoS Platform and LMS tool make the unique process of learning.

NGCT- Next Generation Computing Technologies Society: Next Generation Computing Technologies is a non-profit society under Center of Information Technology of UPES, Dehradun. The society is formed to enrich and wide spread the latest technologies to academic institutions, research institutes and industries both in India and abroad.

The main objectives of this society are;

- Conducting National/International Conferences in Information technology
- Conducting National/International Workshops/ Tutorials /Seminars
- To publish International/National Journals printed form and Online format.
- Publishing magazines/news letter

Objectives of Workshop: The objective of this workshop is to acquire the basic skills in R Programming and apply statistical techniques to perform data analytics in a better way.

Contents:

- Introduction to R Programming
- Software Installation
- Basics Statistics
- Data wrangling using R
- Loops, Functions in R
- Write and Execute R Script
- File handling using R
- Data Visualization with R
- Statistical Computing Using R

Sessions will be handled by academicians and industry people with Hands-on-training apart from lectures.

Target Participants: Undergraduates, postgraduates, researchers or scholars ,faculty members from academic institutes, Industry professionals and consultants.

Resource Persons: Faculty of CIT, UPES, with industry experience and profound training experience in R Programming & Statistics.

Registration Fee:

Registration Fee for Delegates (in INR)		
Early bird Registration Before (10/02/2016)	Category of Delegate	Late Registration After(10/02/2016)
2500/-	Industry Professionals	3000/-
2000/-	Faculty/Academicians	2500/-
1500/-	Research Scholars/Students	2000/-

The DD should be in favor of "Next Generation Computing Technologies Society, payable at Dehradun" and it should be accompanied with the registration form in the specified format. As the program limits the number of participants, selection will be on first come first serve basis. No TA/DA will be provided.

The payment can be made in by Demand Draft as mentioned above or Pay Online thru NEFT / RTGS / Wire Transfer with details provided below:-

Bank Details:

Name of Bank: Oriental Bank of Commerce
 Branch: Niranjapur, Dehradun
 Name of account: Next Generation Computing Technologies Society
 Account Number: 20721131000298
 IFSC code: ORBC0102072

For online Registration follow www.ngct.org link and register yourself after paying registration fee.

**National Workshop on
"Data Analytics using R"**



27th and 28th, February 2016

Organized by

**Centre for Information Technology,
UPES, Dehradun**

In collaboration with

Next Generation Computing Technologies Society

www.ngct.org

[Registration Form](#)

Participant's Name: _____
Designation : _____
Organization : _____
Teaching/Industry/Student: _____

Registration fee Detail:

Amount Rs. _____

DD./NEFT/RTGS No. _____ Date _____

Bank _____

Address for Correspondence:

Phone number : _____

Mobile number: _____

E-mail : _____

Declaration:

I agree to abide by the rules and regulations governing the NGCT. If selected, I shall attend the course for the entire duration punctually.

Place:

Date:

Signature

Advisory Committee:

Mr. Utpal Ghosh, CEO & President
Dr. S. J. Chopra, Chancellor
Dr. Shrihari Honwad, Vice Chancellor
Dr. Kamal Bansal, Dean
Dr. Manish Prateek, Associate Dean(CIT)

Organizing Committee:

Dr. Amit Agrawal, Program Head
Dr. Manas Ranjan Pradhan, Program Head
Mr. Hukam Singh Rana, Asstt. Prof.
Mr. Hitesh Kumar Sharma, Asstt. Prof.
Mr. J C Patni, Asstt. Prof.
Mr. Ravi Tomar, Asstt. Prof.

Workshop Coordinators:

Mr. Hukam Singh Rana
Mr. Hitesh Kumar Sharma
Mr. J C. Patni
Mr. Ravi Tomar

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Resource Persons

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Mr. Hitesh Kumar Sharma**



**University of Petroleum & Energy Studies
Dehradun, Uttarakhand-248007**

