

HOW TO APPLY

Participant should register on the following link. The registration link is open till 26th April 2020. Participants will be selected on **First Come First Served Basis**. Limited seats are available for the said workshop. **E-Certificate will be provided after successfully completing the workshop.**

Registration Link:

<https://forms.gle/2t9CYmKX2vzzhmUf7>

IMPORTANT INSTRUCTIONS

1. Resource Material Available at:

https://spoken-tutorial.org/tutorial-search/?search_foss=Drupal&search_language=English

2. Contact Hours : 11:00 am To 5:00pm.

3. Last Date of Registration: 26th April 2020 till 11.59pm

4. Kindly join whatsapp group after registration using the following link

<https://chat.whatsapp.com/J9MUXzNvwBFCD6j70JoZte>

5. Exam Date: 3rd May 2020 at 11.00 am

Note: Those who have passed the Online Assessment Test are only eligible for certificate. Passing criteria is 40%.

CONTACT PERSONS

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Mobile No: 9004671265

IN ASSOCIATION WITH



Spoken Tutorial
IIT Bombay

“Spoken Tutorial Project” Indian Institute of Technology, Bombay.

THIS FDP APPROVED BY ISTE



AICTE-ISTE Approved One Week Online Faculty Development Programme

(To help minimize the impact of the COVID-19 outbreak on faculty)

on

“*Drupal*”



Date: 27-04-2020 To 02-05-2020

ORGANIZED BY

Department of Computer Engineering
A. P. SHAH INSTITUTE OF TECHNOLOGY
Survey No. 12,13, Opp. Hypercity Mall,
Ghodbunder Road, Kasarvadavali, Thane- 400 615
<https://www.apsit.edu.in/>

PARSHVANATH CHARITABLE TRUST'S
A. P. SHAH INSTITUTE OF TECHNOLOGY
Department of Computer Engineering

organizes

AICTE ISTE Approved One Week Online
Faculty Development Programme on

“Drupal”

ABOUT THE INSTITUTE

A. P. Shah Institute of Technology (APSIT), approved by AICTE and affiliated to Mumbai University is recognized as one of the premier Engineering Institute in Mumbai. It offers Undergraduate programs in Engineering. Currently, APSIT offers B.E programs in Computer Engineering, Information Technology, Electronics & Telecommunication, Civil and Mechanical Engineering.

Dr. Uttam Kolekar
Principal

ABOUT THE COURSE

Drupal is a free and open source Content Management System (CMS). It was created in 2000 by Dries Buytaert. It makes even non-technical users to manage a website easily. It works well with sophisticated websites that require many different custom data structures. It uses various programming functionalities such as PHP, Ajax and Javascript. Over 1.2 million websites use Drupal 8.

COURSE SCHEDULE

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DRUPAL COMMUNITY

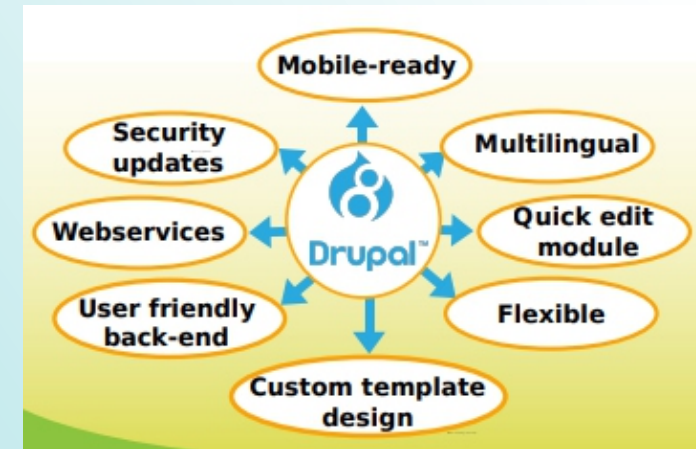
- Drupal community is one of the largest and closely-knit open source communities.
- Because it is open source, several thousands of people have helped in improving the code base.
- Active contribution to the Drupal Code Base improves employment potential immensely.
- There are very active Forums, User Groups and IRC chats dedicated to Drupal support.
- Drupal events are conducted all over the world :
 - Local events called Drupal Camps.
 - There are also major Drupal Cons all around the world every year.

The following tagline summarizes the Drupal philosophy:

Come for the code, stay for the community.

COURSE FEATURES

- Developers use Drupal as both CMS and a broad web development platform.
- Drupal allows site editors to add tags, descriptions, keywords and human-friendly URLs.
- Drupal keeps our site safe with regular security updates, hash passwords, session IDs that change when permissions change and text format permissions that restrict user input.
- Drupal site can be extended by using thousands of Plugins that add many features to the Drupal site.
- Drupal site can be administer from any mobile device.
- Drupal is friendly, social and searchable.
- It's one of the best solutions for people who want to build a feature-rich website.
- Drupal is one of the most adaptive systems available today.



COURSE CHAIR PERSON

Dr. Uttam Kolekar (*Principal*)

ADVISORY COMMITTEE

Prof. Atul Deshpande (*Dean Academics, Vice Principal*)
Dr. Sameer Nanivadekar (*Dean Administration*)

COURSE CONVENORS

Prof. Sachin Malave (*HOD, Computer Engineering*)

FACULTY COORDINATOR

Dr. Pravin Adivarekar (*Asst.Prof., Computer Engineering*)

COURSE FEES:

NIL

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CONTACT PERSONS

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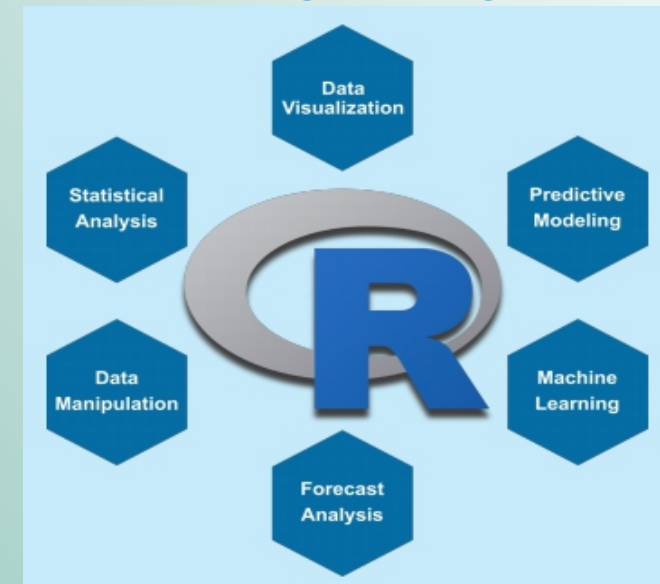


AICTE-ISTE Approved One Week Online Faculty Development Programme

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on

“R- Programming”



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ABOUT THE COURSE

R is a language and environment for statistical computing & graphics. R is available as Free Software under the terms of the Free Software Foundation's GNU (General Public License) in source code form.

COURSE SCHEDULE

DATE: 27-04-2020: To 02-05-2020

WHO CAN USE R LANGUAGE:

Educational Institutions like universities, colleges and schools.

Statisticians and data miners for developing statistical software and data analysis, polls, data mining surveys
Data Scientist, Market Analyst, Social Scientist.

COURSE FEATURES

A) R is an integrated suite of software facilities for data manipulation, calculation and graphical display. It includes

- a well developed, simple yet effective programming language which includes conditionals, loops, user defined recursive functions and input and output facilities
- an effective data handling and storage facility
- a suite of operators for calculations on arrays, matrices in particular
- a large, coherent, integrated collection of intermediate tools for data analysis
- graphical facilities for data analysis and display either on screen or on hardcopy.

B) R has its own LaTeX like documentation format, which is used to supply comprehensive documentation, both online in various formats and in hardcopy.

R CONTENTS

1. Introduction to basics of R
2. Introduction to data frames in R
3. Introduction to RStudio
4. Introduction to R script
5. Working Directories in RStudio
6. Indexing and Slicing Data Frames

7. Creating Matrices using Data Frames
8. Operations on Matrices and Data Frames
9. Merging and Importing Data
10. Data Types and Factors
11. Lists and its Operations
12. Plotting Histograms and Pie Chart
13. Plotting Bar Charts and Scatter Plot
14. Introduction to ggplot2
15. Aesthetic Mapping in ggplot2
16. Data Manipulation using dplyr Package
17. More functions in the dplyr Package
18. Pipe Operator
19. Conditional Statements
20. Functions in R

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Email: saneesh@apsit.edu.in
Mobile No: 9820201443

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on

“LaTeX”



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Latex is a document preparation system for high-quality typesetting. It is most often used for medium-to-large technical or scientific documents but it can be used for almost any form of publishing letter, report, textbook, etc. Latex lets authors get with writing document without being bothered about document design.

COURSE SCHEDULE

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WHO CAN USE LATEX:

- Students- Educational Institutions like universities, colleges and schools.
- Research scholars.
- Community at Large

COURSE FEATURES

- Works on all OS: Linux, Windows, MAC OSX.
- Typesetting journal articles, technical reports, books, and slide presentations.
- Control over large documents containing sectioning, cross-references, tables and figures.
- Typesetting of complex mathematical formulas.
- Advanced typesetting of mathematics with AMS-LaTeX.
- Automatic generation of bibliographies and indexes.
- Multi-lingual typesetting.
- Inclusion of artwork, and process or spot colour.
- Using PostScript or Metafont fonts.
- Very Active user community.

LaTeX CONTENTS

1. [LaTeX on Windows using TeXworks](#)
2. [Report Writing](#)
3. [Letter Writing](#)
4. [Mathematical Typesetting](#)
5. [Equations](#)
6. [Numbering Equations](#)
7. [Tables and Figures](#)

9. [Bibliography](#)

10. [Feedback diagram with Maths](#)

11. [newcommand in LaTeX](#)

12. [newenvironment in LaTeX](#)

13. [Writing Style Files in LaTeX](#)

14. [Indic Language Typesetting in LaTeX](#)

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