



Spoken Tutorial



IIT Bombay

# CSC Academy – Spoken Tutorial (IIT Bombay) Learning & Exam Centre

**Spoken Tutorial** is a project under the National Mission on Education through ICT  
by the **Ministry of Education (earlier called MHRD), Government of India**

AICTE chairman Prof. Anil D. Sahasrabudhe encouraging to use opensource software. Click [here](#) to see the video.

-- All Courses --

-- All Languages --

Search

For the purpose of course selection, go here : [Software Offered](#)

[Keyword Search](#)

Google MOOCs  
Research Award 2015

Nomination for  
HT for Mumbai Awards 2015

Reimagine Education  
Award 2015

Re-Engineering India  
Award 2020

# Spoken Tutorial

An initiative of National Mission on Education through  
ICT, MHRD, Govt. of India, to promote IT literacy through

## Open Source Software.

Learn more about this **free service** using our

## audio-video tutorials →





Spoken Tutorial



IIT Bombay

Objective of this initiative is to promote IT literacy for education and improve the employment potential of learners in India, using FOSS (Free and Open Source Software).

Courses created by experts. Over 55 lakh Participants have been trained in Colleges, Polytechnics during the last 4 years!



## These Courses are useful for :

- ✓ School children from 5<sup>th</sup> class onwards
- ✓ College students (Science, IT, Engineering, Commerce, Management, MCA)
- ✓ University students
- ✓ Research students
- ✓ Scientists
- ✓ Teachers – School, College, University
- ✓ Working professionals in IT and other area
- ✓ Entrepreneurs, and others



Spoken Tutorial



IIT Bombay

## Minimum Student Qualification/Eligibility

- ✓ Anyone who is interested to learn
- ✓ For specific programming courses there may be pre-requisite IT knowledge requirements



## Benefits for the CSC Academy Centre VLE

1. High income source through Annual subscription plans and un-limited Student enrolment
2. Recognition as IIT Bombay Spoken Tutorial affiliate CSC Academy Centre
3. Prestigious IIT Bombay Spoken Tutorial & CSC Academy joint Certification
4. More than 75+ courses available
5. Software available with Free licenses
6. Course video audio available in 22 Indian languages
7. Courses available in offline mode at CSC Academy centre



Spoken Tutorial



IIT Bombay

## Benefits for the CSC Academy Centre VLE

9. Students study at CSC Academy centre
10. CSC Academy Centre authorized to conduct proctored tests under Spoken Tutorial
11. CSC Academy centre Faculty training workshops
12. Higher inflow of Students and professionals



Spoken Tutorial



IIT Bombay

**75+**  
courses available in  
**22**  
Indian languages

**75+**  
Courses for College  
Students, Professionals  
& Teachers

Under Annual College Plan

**30**  
Courses for School  
Students & Teachers

Under Annual School Plan





**in English**



**in Hindi**

First-C-program.pdf

Previous Next 1 (1 of 22) Best Fit

# First C program

**Talk to a Teacher**  
<http://spoken-tutorial.org>  
**National Mission on Education through ICT**  
<http://sakshat.ac.in>

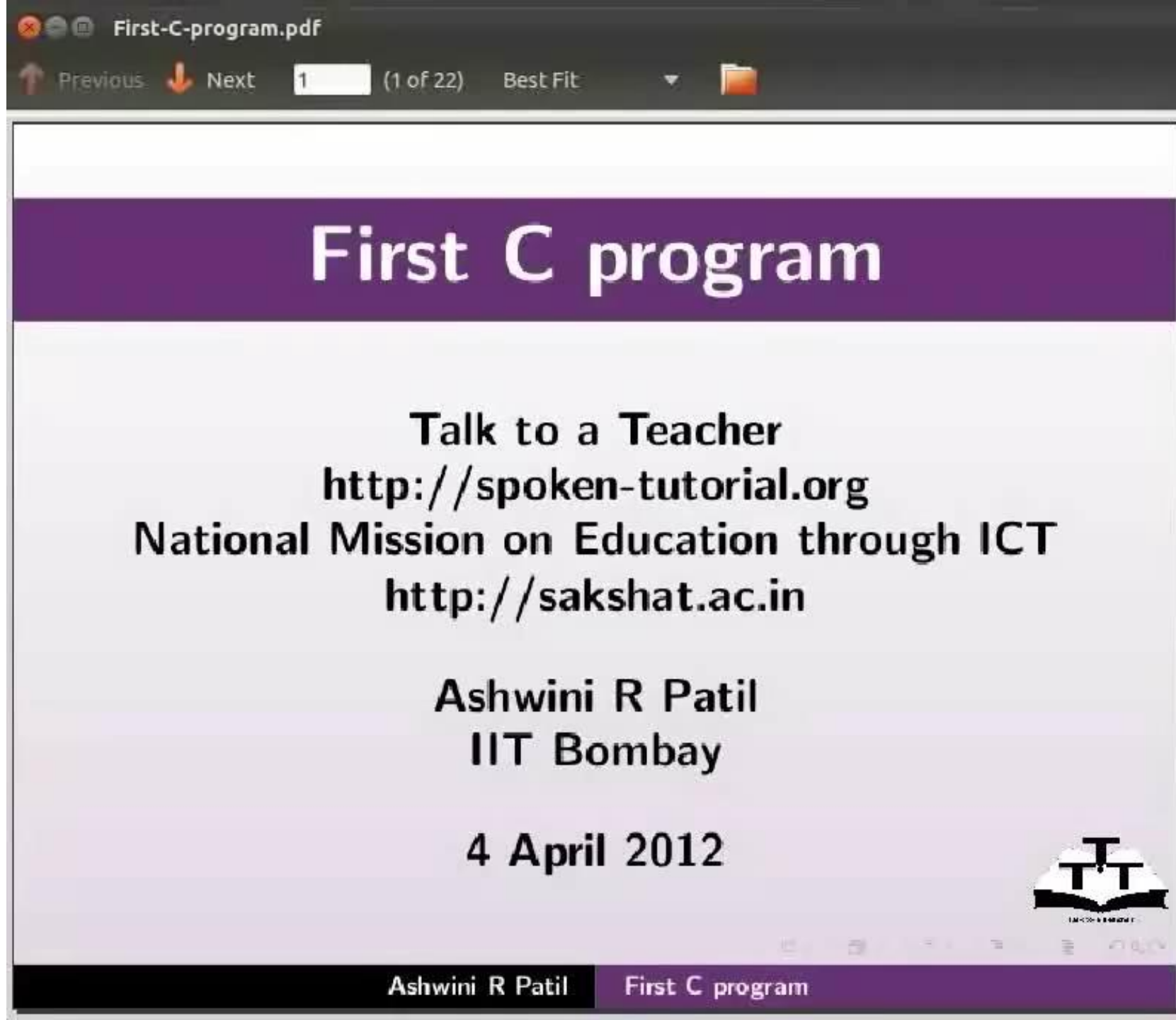
**Ashwini R Patil**  
**IIT Bombay**

**4 April 2012**



Ashwini R Patil First C program

**In Oriya**



**In Tamil**

# Getting Started With Java Installation

Talk to a Teacher

<http://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

Arya Ratish

IIT Bombay

10 April 2012



In Kannada

# Getting Started With Java Installation

Talk to a Teacher

<http://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

Arya Ratish  
IIT Bombay

10 April 2012





# Introduction to Netbeans GUI

**Talk to a Teacher**

**<http://spoken-tutorial.org>**

**National Mission on Education through ICT**

**<http://sakshat.ac.in>**

**Sindhu Ghanti**

**IT for Change, Bengaluru**

**<http://www.ITforChange.net>**



**Date: August 20, 2012**



**In Bengali**

# **Spoken Tutorial Installing Scilab on Windows OS**

**Talk to a Teacher**  
**National Mission on Education through ICT**  
<http://spoken-tutorial.org>  
**20 June 2010**



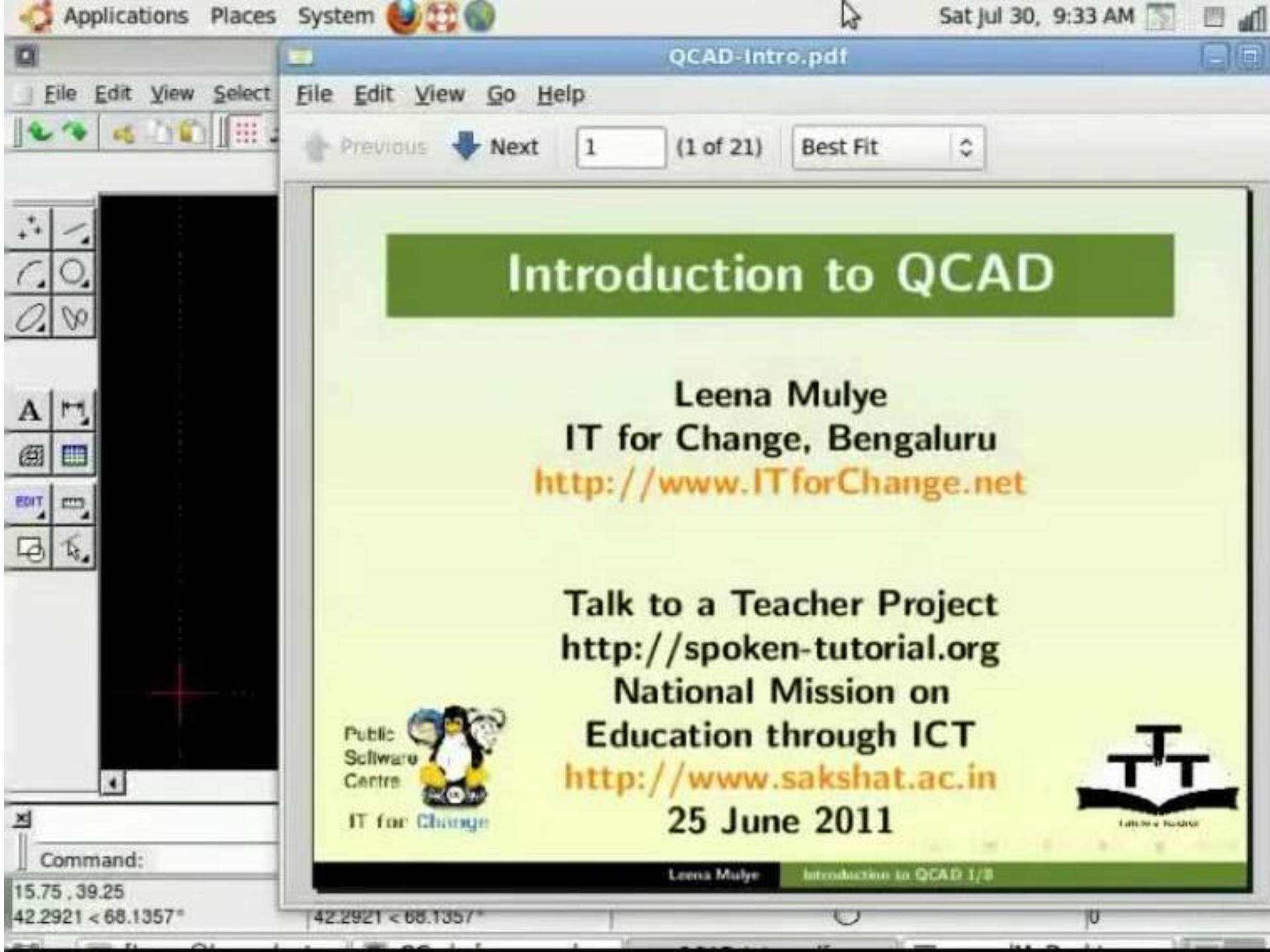
Talk to a Teacher







**In Telugu**



in English



Spoken Tutorial



IIT Bombay

## List of some Courses

# Some of the common equivalent Software

S.No	Course - Software in FOSS	Equivalent Software
1	Linux-Ubuntu	Windows
2	FireFox	Internet Explorer
3	<b>LibreOffice</b> Writer Calc Impress Base Draw Math	<b>MS-Office</b> Word Excel PowerPoint Access
4	PHP & MySQL	.NET
5	GIMP	Photoshop
6	LaTex	MS-Word

S.No	Course - Software in FOSS	Equivalent Software
7	Scilab	Matlab
8	R	SPSS (Statistical package)
9	Q-CAD	AutoCAD
10	Blender	Maya 3D
11	Inkscape	Adobe Illustrator, CorelDraw
12	Front Accounting	Tally

# College Plan



Main Category	Courses
Programming Software	C
	C++
	Android app using Kotlin
	Advanced C and C++
	Java
	Netbeans
	PERL
	PHP and MySQL
	Python 3.4.3
	Ruby

# College Plan



## Main Category

## Courses

Website development

Drupal

HTML

Joomla

PHP and MySQL

Animation Graphics

Blender

GIMP

Inkspace

Synfig

Database Management System

RDBMS PostgreSQL

Internet of Things

Arduino

ExpEYES

Operating System

Linux

# College Plan



Spoken Tutorial



IIT Bombay

## Main Category

## Courses

Chemistry-related Software

Avogadro

ChemCollective Virtual Labs

GChemPaint

Jmol Application

UCSF Chimera

Physics related Software

Apps On Physics

Arduino

eSim

ExpEYES

Mathematics Related Software

Applications of GeoGebra

GeoGebra 5.04

Scilab

# College Plan



Main Category	Courses
Learning Management System	Moodle Learning Management System
Library Management System	Koha Library Management System
Hardware Application	Arduino
	Single Board Heater System
Statistics	R
Typesetting Software	gedit Text Editor
	LaTeX
BioChemistry	Biopython
	CellDesigner
Others	QCAD, QGIS, and many more



# College Plan



Main Category	Courses
Skill Development	Audacity
	Blender
	GIMP
	Inkscape
	Synfig

# School Plan



Main Category	Courses
Basic IT Skills	Introduction to Computers
	LibreOffice(Writer, Calc, Draw, Impress)
	KTurtle
	Tux Typing
Animation & Graphics	Inkspace
	Blender
	Synfig
Programming Languages	Python
	C and C++
	Java
Animation & Graphics	Inkspace
	Blender
	Synfig

# School Plan



Main Category	Courses
Information Technology	RDBMS - PostgreSQL
	Arduino(Basic Level)
	HTML
Geography	Marble
Mathematics	PhET Simulations for Mathematics
	Grace
	GeoGebra v5.04
	Applications of Geogebra

# School Plan



Main Category	Courses
Science - Physics	ExpEYES
	PhET Simulations for Physics
	App on Physics
Science - Chemistry	Jmol Appilcation
	ChemCollective Virtual Labs
	PhET Simulations for Chemistry
	Avogadro
	GChemPaint
Science - Biology	Phet Simulations for Biology
	Jmol Appilcation

## List of some of the Courses for Teachers

School Level	College Level
GeoGebra 5.04	Python
LibreOffice	Scilab
Blender	Latex
Phet	OpenFoam
Python	NetBeans
Java	Linux
Linux	



# Spoken Tutorial, IIT Bombay Program

## Learning & Exam Centre

**Courses available for School/College students,  
Teachers, Trainers, Working professionals,  
Own business and others**



Spoken Tutorial  
Project at  
IIT Bombay

**Online & Offline Learning facility**  
Audio-Video in 22 Indian languages

**(Spoken Tutorial is a project under the National Mission on Education through ICT  
by The Ministry of Education, Government of India)**

### Certificate Courses

C, C++  
Java, NetBeans  
Java Business Application  
HTML, PHP, MySQL  
RDBMS PostgreSQL  
Python, BioPython  
Ruby, PERL  
Android app using Kotlin  
GNU/Linux, Ubuntu  
LibreOffice Suite  
Blender (3D), Inkscape  
Moodle, Drupal, Joomla  
R, SciLab, Q-CAD  
and many more...

**Contact : Spoken Tutorial Learning & Exam Centre**  
CSC Academy Centre, address of the Centre



### The Spoken Tutorial Project

- Self-explanatory: uses simple language
- Audio-video: uses multisensory approach
- Small duration: has better retention
- Learner-centered: learn at your own pace
- Learning by doing: learn and practise simultaneously
- Empowerment: learn a new **FLOSS**  
(Free/Libre and Open Source Software)



Scan the QR code to  
visit Spoken Tutorial website

### Target Audience

- Students- High School and College
- Working professional- Software users, developers and trainers
- Research scholars
- Community at large

### Workshops

The Spoken Tutorial Project Team conducts workshops on HTML and other FLOSS using spoken tutorials and gives certificates to those who pass an online test.

For more details, please visit <https://spoken-tutorial.org>

### Forum

We have developed a beginner friendly Forum to answer specific questions pertaining to any part of a particular tutorial.

For more details, please visit <https://forums.spoken-tutorial.org>.

The Spoken Tutorial Project  
is funded by the  
National Mission on Education through  
Information and Communication Technology,  
Ministry of Human Resource Development,  
Government of India.

### Contact us

Website: <https://spoken-tutorial.org>



Spoken Tutorial  
Project at  
IIT Bombay



IIT Bombay

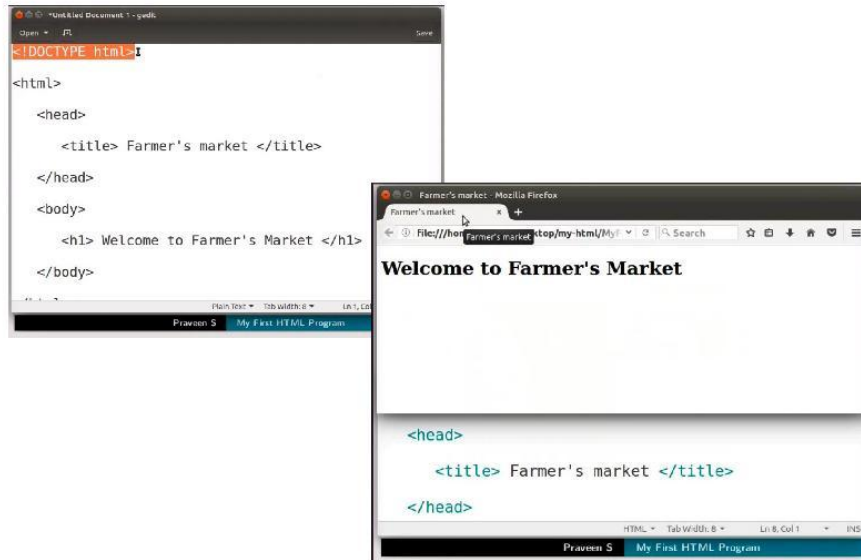
National Mission on Education through  
Information and Communication Technology  
(NMEICT)

[www.sakshat.ac.in](http://www.sakshat.ac.in)

Funded by MHRD, Government of India

## Introduction

HTML, which stands for HyperText Markup Language, is the predominant markup language for web pages. HTML elements are the basic building-blocks of web pages. HTML is written in the form of HTML elements consisting of tags, enclosed in angle brackets, within the web page content. The purpose of a web browser is to read HTML documents and compose them into visible or audible web pages. The browser does not display the HTML tags, but uses the tags to interpret the content of the page.



## Features of HTML

- HTML allows images and objects to be embedded and can be used to create interactive forms.
- It provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items.
- It can embed scripts in languages such as JavaScript which affect the behaviour of HTML webpages.
- Web browsers can also refer to Cascading Style Sheets (CSS) to define the appearance and layout of text and other material.
- The W3C, maintainer of both the HTML and the CSS standards, encourages the use of CSS over explicitly presentational HTML markup.

## Uses of HTML

To create:

- Static websites
- Web pages
- Web forms



## The Spoken Tutorial project

- \*Self explanatory - uses simple language
- \*Audio-video - uses multisensory approach
- \*Small duration - has better retention
- \*Learner-centered - learn at your own pace
- \*Learning by doing - learn and practice simultaneously
- \*Empowerment - learn a new FOSS

## Target Group

- \*Students - High School and College
- \*Working professional - Software users, developers and trainers
- \*Research scholars
- \*Community at large

## Workshops

The Spoken Tutorial Project Team conducts workshops on PHP & MySQL and other FOSS using spoken tutorials and gives certificates to those who pass an online test.

The Spoken Tutorial Project is funded by the National Mission on Education through Information and Communication Technology, Ministry of Human Resource Development, Government of India.

## Contact us

Website: <http://spoken-tutorial.org>



IIT Bombay

This work is licensed under a Creative Commons Attribution-ShareAlike 4.0 International License

All trademarks within this document belong to their legitimate owners



National Mission on Education through  
Information and Communication Technology  
(NMEICT)  
[www.sakshat.ac.in](http://www.sakshat.ac.in)

Funded by MHRD, Government of India

<http://spoken-tutorial.org>

**Introduction**

PHP or "PHP : Hypertext Preprocessor" is a widely-used Open Source general-purpose scripting language that is especially suited for Web development and can be embedded into HTML. Its syntax draws upon C, Java and PERL, and is easy to learn.

The main goal of the language is to allow web developers to write dynamically generated web pages quickly, but you can do much more with PHP.

**Uses of PHP •**

- To create large websites
  - For E-commerce like osCommerce, OpenCart
  - To create online discussion forums like phpBB
  - To create content management systems like Drupal, Joomla
  - To create e-learning management systems like Moodle
  - To develop web-based management tools like phpMyAdmin
- And many more..

**Introduction**

MySQL is a relational database management system (RDBMS) that runs as a server providing multi-user access to a number of databases. The SQL phrase stands for Structured Query Language. Applications which use MySQL data bases include: Joomla, Word Press, MyBB, phpBB, Drupal and other software built on the LAMP software stack.

A third party open source software "phpMyAdmin" is used as a web-based front end for managing MySQL databases easily and effeciently. It is widely installed by Web hosts worldwide. Also it is included in the convenient LAMP, MAMP and WAMP software bundle installers. MySQL is used in many high-profile, largescale World Wide Web products, including Wiki-pedia, Google and facebook.

**Features of PHP & MySQL**

- Scalability and flexibility
  - High speed and high performance
  - Data protection
  - Comprehensive Application Development
  - Management tools
- And many more...

**Benefits**

- A large chunk of facebook, the world's leading social networking site, has a huge code based in PHP and it uses MySQL as database to store information of 1 billion+ users!
- PHP is the most preferred language for web development by free-lance developers across the globe.
- Many free and open source CMS like Drupal, Moodie, etc. are created using PHP & MySQL.
- PHP & MySQL has a large user and develope community.

**Links:**

Original videos are available at  
<http://phpacademy.org>

PHP Official Website -<http://www.php.net>

MYSQL Official Website -  
<http://www.mysql.com>

W3Schools - PHP and MySQL Tutorials -  
<http://www.w3schools.com/php/default.asp>  
<http://www.w3schools.com/sql/default.asp> =



## The Spoken Tutorial project

- Created for self learning
- Self-explanatory - uses simple language
- Audio-video - uses multi-sensory approach
- Small duration - has better retention
- Learner centered - learn at your own pace
- Learning by doing - learn and practice simultaneously through examples
- Empowerment - learn a new software

## Target Group

- Web Administrators
- IT Faculty
- IT Students
- Web Designers
- Web Developers

## Workshops

The Spoken Tutorial Project Team conducts workshops on many FOSS using Spoken tutorials and gives certificates to those who pass an online test.

## Spoken Tutorial Project funded by

**National Mission on Education through ICT  
Ministry of Human Resource Development  
Government of India.**



## Contact us

Website: <http://spoken-tutorial.org>



This work is licensed under a Creative Commons  
Attribution-ShareAlike 4.0 International License.

All trademarks within this document belong to their legitimate owners.

NMEICT, Ministry of Human Resource Development  
NVLI, Ministry of Culture  
Government of India

## Introduction

- 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.
- To download and install Drupal 8, visit <https://www.drupal.org/download>



## Features of Drupal

- 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.
- We can extend a Drupal site by using thousands of Modules that add many features to the Drupal site.
- We can view and administer every page on a Drupal site, 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.



## 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 DrupalCons all around the world every year.
- The following tagline summarizes the Drupal philosophy:  
**Come for the code, stay for the community.**



## The Spoken Tutorial Project

- Self-explanatory: uses simple language
- Audio-video: uses multisensory approach
- Small duration: has better retention
- Learner-centered: learn at your own pace
- Learning by doing: learn and practise simultaneously
- Empowerment: learn a new FLOSS  
(Free/Libre and Open Source Software)

## Target Audience

- School students
- Undergraduates / Postgraduates
- Research scholars
- Teachers

## Workshops

The Spoken Tutorial Project Team conducts workshops on Jmol Application and other FLOSS using spoken tutorials and gives certificates to those who pass an online test.

## Forum

We have developed a beginner friendly Forum to answer specific questions pertaining to any part of a particular tutorial.



The Spoken Tutorial Project  
is funded by the  
National Mission on Education through  
Information and Communication Technology,  
Ministry of Human Resource Development,  
Government of India.

**Forum help  
available  
to all learners**

**Content available  
in  
22 Indian languages**



IIT Bombay

Spoken Tutorial by IIT Bombay is licensed under a  
Creative Commons Attribution-ShareAlike 4.0 International License.

All trademarks within this document belong to their legitimate owners.



Spoken Tutorial  
Project at  
IIT Bombay



visit [Spoken Tutorial website](http://SpokenTutorial.org)

## Jmol Application



National Mission on Education through  
Information and Communication Technology  
(NMEICT)

[www.sakshat.ac.in](http://www.sakshat.ac.in)

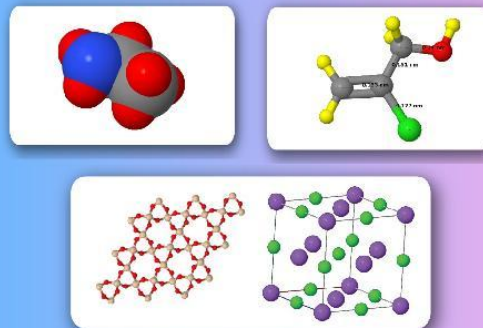
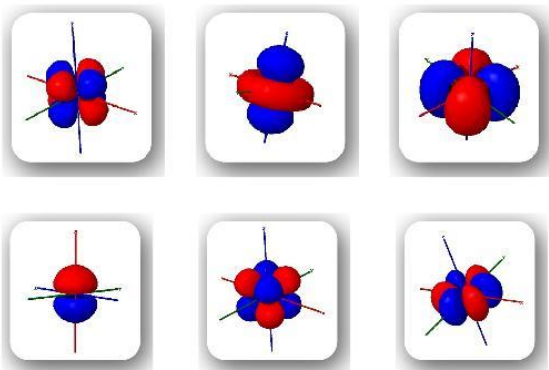
Funded by MHRD, Government of India.

## Introduction

Jmol Application is a three-dimensional viewer for chemical structures and macromolecules. It is a Free Open Source Software (FOSS) developed in Java. We can create and edit 3D models of Structures. Runs on Windows, macOS, Linux and Android Systems. Useful for students, educators and researchers in chemistry and biochemistry. For download and installation visit: [www.jmol.sourceforge.net](http://www.jmol.sourceforge.net).

## Jmol Application for Biomolecules

- 3D Interactive images of biological molecules can be viewed.
- Secondary structures of proteins can be rendered using pdb files.
- Display of secondary structural patterns such as alpha-helix, beta-sheets, loops, random-coils in cartoon format.
- Active-sites, hydrogen bonds and disulfide bonds can be highlighted.



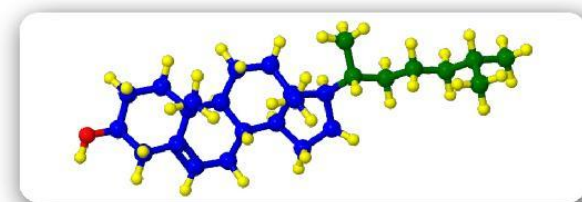
## Features of Jmol Application

- Energy minimization to get the most stable conformation.
- High-quality 3D image rendering can be done with no special hardware requirements.
- It can read various file formats for example pdb, cif, mol and cml.
- We can export images to jpg, png, gif, pdf, POV-Ray and Gaussian file formats.
- We can view plane of symmetry and point groups for molecules.
- It provides simulated Proton and Carbon NMR for organic compounds.
- It loads models directly from databases (Pubchem and PDB).
- For more information visit

[http://wiki.jmol.org/index.php/Main\\_Page](http://wiki.jmol.org/index.php/Main_Page)

## Uses of Jmol Application

- To create and visualize chemical structures in 3D.
- To render secondary structures of proteins and nucleic acids.
- View crystal structure and unit cell parameters.
- It displays structures in various display formats such as ball-and-stick, CPK, sticks etc.
- We can change the thickness of bonds, color of atoms and bonds.
- Rotate and view the molecule from various angles.
- Displays interatomic distances, bond-angles, dihedral-angles, dipoles, charges and symbols.
- Surfaces, atomic and molecular orbitals can be displayed.
- We can produce animations and create GIF files.
- Images can be used in print media-journals/publications/books.
- Useful for presentations in classrooms and lectures.





Spoken Tutorial



IIT Bombay

## Student Learning, Test & Certification



Spoken Tutorial



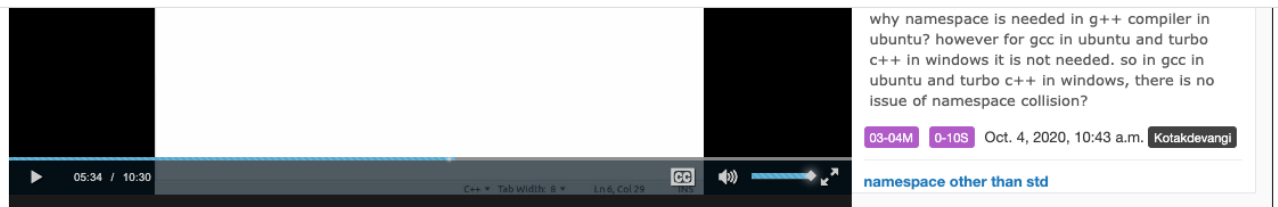
IIT Bombay

## Course Features

- Basic, Intermediate and Advanced
- Simple and easy to follow even for a beginner
- Content mandates side-by-side practice
- Online self-paced learning using text, videos
- Multi-lingual language (more than 22 Indian languages)
- Downloadable Participant study material
- Practice assignments
- Simulated environment for practical
- Discussion forum
- Quiz and end proctored exam
- Joint Certification by CSC Academy and Spoken Tutorial, IIT Bombay for Participants who pass the online test.
- Industry out-reach connect for potential employment to pass-out Participants



## Student Learning - Download Content



Assignment, Download Video  
slide ppt, Video script

Spoken-Tutorial IIT Bombay 60163 visits

YouTube 64K


[Instruction Sheet](#) / [Installation Sheet](#) / [Report Missing Component](#) / [Post your Question on the Forum](#)

**Outline:**

- First C++ Program
- Header files
- example: `#include <iostream>`
- main()
- Curly braces
- cout<<
- semicolon ;
- Compiling a C++ program
- example: `g++ filename.cpp -o output parameter`
- Executing a C++ program

Show video info

[Pre-requisite](#)

 [Ubuntu Desktop 16.04](#)

[Assignment](#)

[Code files](#)

- First-Cpp-Program-Codefiles/
- First-Cpp-Program-Codefiles/talk.cpp

[Script](#)

[Timed Script](#)

[Slides](#)

- first-cpp/3t-logo.pdf
- first-cpp/Revised-First-cpp-program.tex
- first-cpp/Revised-First-cpp-program.pdf
- first-cpp/

Assignment

Video Script  
(Slide wise/running script)

Video PPT pdf



Spoken Tutorial



IIT Bombay



Spoken Tutorial Forums

Search

Ask Question

piyushgupta.egov@gmail.com



Tux Typing

Be the first to ask question

No questions to display

Ask new question

Ubuntu Linux on

Ubuntu Linux on Virtual Bc

fatal no bootable medium f

View previous questions

Ask new question

UCSF Chimera

UCSF Chimera

Regarding selection of leu

View previous questions

Ask new question

Video Editing

Video Editing using Blende

Be the first to ask question

No questions to display

Ask new question

Waste

Waste Management

Be the first to ask question

No questions to display

Ask new question

View all previous questions.

3132

Questions

4454

Answers

Recent questions

FOSS	Tutorial	Min	Sec	Question	Date	Views	Answers	User
Scilab	Linear-equa...	04-05	20-30	newton raphson method	03-10-20	5	0	krish10
C-and-Cpp	First-Cpp-P...	02-03	10-20	How can I run the mingw software ?	03-10-20	3	0	deypankaj...
DSpace	Getting-rea...	04-05	20-30	Test question	03-10-20	13	0	kannan
Python-3.4.3	Multiple-pl...	03-04	10-20	multiple plots	03-10-20	4	0	Adarsh1211

Student Discussion Forum  
Q & A



## Student Learning – Proctored Test Pattern

1. Duration of the test will be between 20 mins to 45 mins, depending on the Course selected for the Test.
2. Student should attempt all questions.
3. Student will get test score on the spot after completion of the test.
4. **Student can view the certificate only on scoring 40% or above**
5. Participants who don't pass in the Test, will get a chance to re-attempt the Test after a gap of 15 days.
6. There is no restriction on number of attempts.

Sample Certificate  
for Students



Spoken Tutorial  
Project at  
IIT Bombay

## Certificate of Participation



This is to certify that **Anirudh Patil** participated in the **Avogadro** training organized at Walchand College of Engineering, Sangli in January 2019 semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to Avogadro were covered in the training.

30 April 2019

Prof. Kannan M. Moudgalya  
IIT Bombay

Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT,  
Ministry of Education (previously MHRD), Govt. of India

Sample Certificate  
for Teachers



Spoken Tutorial  
Project at  
IIT Bombay

## Certificate of Participation



This is to certify that **Anirudh Patil** participated in the **Avogadro** training organized at Walchand College of Engineering, Sangli as part of Faculty Development Programme, in January 2019 semester, with course material provided by the Spoken Tutorial Project, IIT Bombay.

A comprehensive set of topics pertaining to Avogadro were covered in the training.

30 April 2019

Prof. Kannan M. Moudgalya

Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT,  
Ministry of Education (previously MHRD), Govt. of India

Sample Certificate  
for Teachers



Spoken Tutorial  
Project at  
IIT Bombay

# Certificate for Completion of Python Training



This is to certify that **Anirudh Patil** has successfully completed **Python test** organized at Potti Sriramulu Mallikarjuna Rao College of Engineering and Technology by B SRIKANTH REDDY with course material provided by the Spoken Tutorial Project, IIT Bombay. Passing an online exam, conducted remotely from IIT Bombay, is a pre-requisite for completing this training. Ravikanth Nagarjun at Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engineering and Technology invigilated this examination.

This training is offered by the Spoken Tutorial Project, IIT Bombay, funded by National Mission on Education through ICT, Ministry of Education, Govt., of India.

30 April 2020

Prof. Kannan M. Moudgalya  
IIT Bombay

Spoken Tutorial is a project at IIT Bombay, started with funding from the National Mission on Education through ICT, Ministry of Education (previously MHRD), Govt. of India



Spoken Tutorial



IIT Bombay

## Annual Subscription Registration plan for CSC Academy Centre

**Plan  
1**

**75+ Courses for College +  
School Students, Professionals  
& Teachers**

**Plan  
2**

**30+ Courses for School  
Students & Teacher**





## Courses for College + School Students, Professionals & Teachers

### Annual subscription registration fee (College Level)

- This model is available to Colleges, and our CSC Academy centre will be treated as one Unit (College).
- Annual Registration Fee of Rs 27,000/- (incl GST) for any number of Student registrations in a year.
- Fee to be paid in four equal Quarterly installments of Rs 6,750/- each.
- VLE can decide and charge students depending on training support they provide.
- **This Subscription also includes School level courses.**
- VLE can enroll any number of students in one year.

1

## Courses for College + School Students, Professionals & Teachers

**Annual Subscription fees paid by VLE**  
**Rs 27,000 (incl GST).** To be paid in four equal  
 Quarterly installments @ Rs 6,750/- to CSC Academy

Example - Total Fees collection by VLE per year				
	Category of Students	No. of Students/Course per year	Fees charged per year (Max of 5 Courses)	Total Fees collection (Rs.)
1	Professionals enrolled	200	750	1,50,000
2	College Students/Teachers enrolled	250	500	1,25,000
3	School Students/Teachers enrolled	100	250	25,000
Total Fees collection per year				3,00,000



## Courses for School Students & Teachers

### Annual subscription registration fee (School Level)

- This model is available to School, and our CSC Academy centre will be treated as one Unit (School).
- Annual Registration Fee of Rs 6,000/-
- VLE can decide and charge students depending on training support they provide.
- This Subscription includes School level courses only.
- Students enrolled as full time students in a school are eligible.
- VLE can enroll any number of students in one year.



## Courses for School Students & Teachers

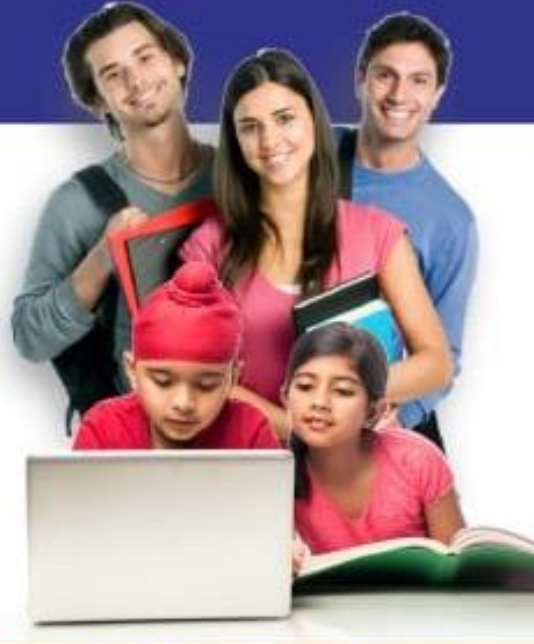
Annual Subscription fees paid by VLE  
Rs 6,000 (incl GST)

	Example - Total Fees collection by VLE per year			
		No. of Students per year	Fees per student per year	Total Fees collection (Rs.)
3	School Students enrolled	250	500 per year	1,25,000
	Total Fees collection per year			Rs 1.25 lakhs

# SPOKEN TUTORIAL (IIT BOMBAY)

## INAUGURAL OFFER

Exclusively for CSC Academy Centre VLEs



Introducing special discount on first **50 College Plan**  
and **25 School Plan** registrations

VLE of CSC Academy Centre will purchase any of the plan and after  
that VLE can register any number of students during the year

CSC Academy VLE Plan	Actual Price	Inaugural Price Offer
Annual College Plan	Rs 27,000/-	Rs 25,500/-
Annual School Plan	Rs 6,000/-	Rs 5,500/-

**Start Registration now**  
**Limited Offer!!!**

First 50 College  
Registrations  
& First 25 School  
Registrations

**Annual College Plan**

~~Rs 27,000/-~~

**Rs 25,500/-**

**Annual School Plan**

~~Rs 6,000/-~~

**Rs 5,500/-**

## Steps for CSC Academy Centre VLE

### Step 1

- Subscribe one of the Annual plan (College or School) from Digital Seva Portal
- Money will be deducted from CSC Wallet
- In one week VLE will be get access to Spoken Tutorial admission portal
- Then CSC Academy VLE can Add the students, Create batches, Schedule exams
- Year will be counted from date of activation of VLE admission portal by Spoken tutorial

## Steps for CSC Academy Centre VLE

### Step 2

- Register Nodal member as Organizer for Course batch planning and Student registrations
- Registration of two CSC faculty as Invigilator for student Proctored test.

### Step 3

- For off-line student learning – VLE has to install training content on local Computer or LAN

### Step 4

- One time Student registration on ST portal
- Assign course to Student

### Step 5

- Provide access to Student to learn at CSC Academy centre
- Faculty support for practical
- Printing of Student study material



## Steps for CSC Academy Centre VLE

### Step 6

- Register student for proctored exam

### Step 7

- Student takes the proctored exam at CSC Academy centre
- Provide Certificate to successful students

## Role of CSC Academy Centre VLE

**Google Drive Link**, where all the details, like Course brochures, Creatives, Banner, Course details are available.

[https://drive.google.com/drive/folders/1NiYU27Trpf\\_u-ZN\\_X0PfSqthKVEkYbp9?usp=sharing](https://drive.google.com/drive/folders/1NiYU27Trpf_u-ZN_X0PfSqthKVEkYbp9?usp=sharing)

Details of State coordinator from Spoken Tutorial (IIT Bombay) team will be shared with the VLE's registering for the Plan.

## CSC Academy Centre Education & Training Hub in Rural India

### List of Education & Skills Services available at CSC Academy Centre

#### One Time VLE Registration Service

- › CSC Bal Vidyalaya
- › Registering CSC Skill Centre
- › NIELIT Facilitation Centre Registration



#### School Level

- › Toppr
- › First In Math



#### Admission Related Services

- › Symbiosis Admission Form
- › National Institute Of Open Schooling (Online admission)
- › Buddy4Study (Scholarship Notification)
- › NIELIT Courses
- › Shri Vishwakarma Skill University, Haryana Admission



#### Employment Services

- › Gramin Naukri
- › National Career Services (NCS)



#### Other Career courses

- › Course On GST
- › Tally Kaushal Praman Patra
- › Course In Financial Accounting
- › GST Using Tally.ERP9
- › SWAYAM

#### IT Courses

- › Digital Wellness
- › CAD & 3D Printing
- › Siemens CAD
- › CCA Program
- › Basic Computer Course
- › Amazon Web Services(AWS) Educate
- › Cyber Security Professional Basic Online Course
- › MATLAB
- › IEEE Blended Learning Program - Multiple courses
- › Spoken Tutorial, IIT Bombay Project - Multiple courses
- › Oracle Academy - Multiple courses
- › Multi Motor Drone Pilot Course - Batch wise Classroom learning

#### Competitive Exam Preparation

- › Sarkari Pariksha
- › ADDA247
- › Resonance
- › Embibe
- › CSC Super 30
- › Indian Institute Of Banking & Finance

#### Self Development

- › Learn English - Gold Plan & Silver Plan
- › Job Readiness
- › English Bolo
- › Online English Speaking Course
- › Tele Centre Entrepreneur Course
- › Certificate Course in Entrepreneurship (CCE)
- › Short term LIVE CLASS courses

Now CSC Academy VLE's and State team members can access details of all Education & Skill programs at <https://digipaathshala.cscacademy.org>

To login : **CLICK on My Account – Student - use your** email id and mobile no to login

My Account

\* As on date 28<sup>th</sup> November, 2020

Now CSC Academy VLEs can see the details of all services at <https://digipaathshala.cscacademy.org/>



Spoken Tutorial



IIT Bombay

## A New beginning for Rural CSC Academy centres

### CSC Academy Contacts

Ms Kanika Chandel ---- [kanika.c@cscacademy.org](mailto:kanika.c@cscacademy.org)

Ms Akansha Arora ---- [akansha.a@cscacademy.org](mailto:akansha.a@cscacademy.org)