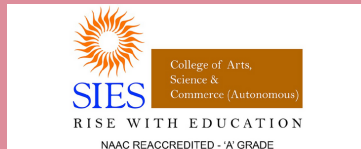


# About the Department

The Department of English of SIES College has an illustrious history made rich with stalwarts like Gyanpeeth Awardee Shri Vinda Karandikar, writer Shri Vilas Sarang and poet Shri R. Parthasarathy. The department has regularly organised national and international seminars with great success.



SIES College of Arts, Science  
and  
Commerce (Autonomous)  
NAAC Reaccredited A grade  
(3.51 CGPA  
in Third Cycle)

The Department of English  
invites applications for a  
Value - Added Course on

## “ SOCIAL MEDIA MANAGEMENT ”

Date: January 2022 onwards  
Monday- Friday  
Time: 6:30 to 8 pm  
Course Fees: 1000/-  
Platform: Online (MS Teams)

## RSVP

Anupa Mukhopadhaya -  
97693 97133

Shejal Thomas - 99672 73289

TRAINER

# Lakshmi Pillai

ASSISTANT  
PROFESSOR

## Registration Link



Limited seats! Kindly  
register yourself early to  
avoid disappointment.

## Objectives

The syllabus is designed to acquaint students with the world of social media and the strategies involved in creating content and brand presence, planning, collaborating and networking within professional and business circles.

## Who can Participate

Open to students of all streams ( Arts, Science and Commerce, Aided as well as Self financed Courses)

E- certificates will be provided to all the participants.

## About the Trainer



Ms. Lakshmi Pillai is a research scholar at the University of Mumbai. She is also an alumni of the Department of English with a gold medal in B.A. (English). At present, Ms. Pillai is an assistant professor in the department of Mass Media at Vidyalkar School of Information Technology. She has varied interests ranging from creative writing and MC'ing to a keen interest in the East Asian pop culture. Ms. Pillai has worked in the fields of content writing, print journalism and corporate training. Her research works have been published in esteemed journals like the "Utkal Historical" and "Our Heritage Journal".

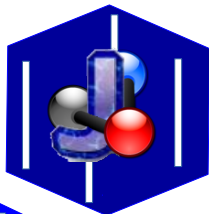
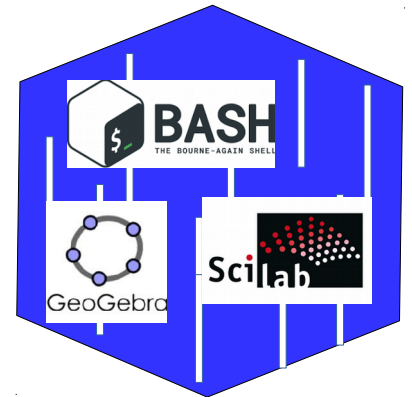
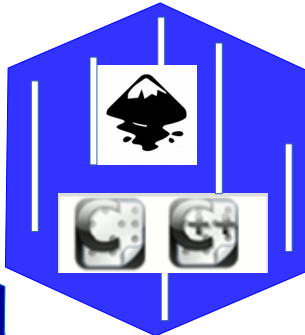


Spoken Tutorial

# Learn Free and Open Source Software through Spoken Tutorial at Very Low Cost



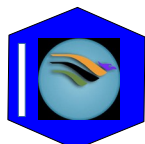
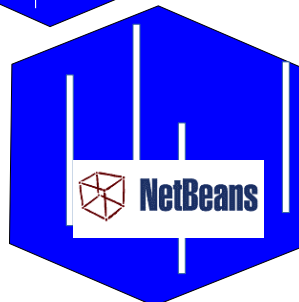
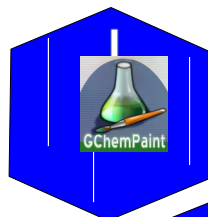
IIT Bombay



## E-Brochure



Arduino    QCad  
 Advanced    DWSIM    Drupal  
 Python    C++    Ruby    Scilab    eSim  
 Ngspace    Blender    HTML    PERL    Tux  
 Linux    AWK    Koha    Typing  
 GIMP    Libreoffice  
 Linux    OpenFOAM    Bio  
 Inkscape    BASH    C/C++    Latex    Python  
 Java  
 OpenModelica    GIT    Jmol    Application    Xfig  
 GeoGebra    ExpEYES    Avogadro  
 Moodle    NetBeans    GChemPaint  
 Cell Designer    PHP & MySQL



### Basic Computer Skills & Office Automation

Software / FOSS name	Applications / Skills & Employability
<b>Introduction to Computers</b>	How to use computers for day-to-day activities.
<b>LibreOffice – Writer, Calc, Impress, Base, Draw, Math</b>	Office Automation system – Documentation, Spreadsheet, Slide making.
<b>Linux, Linux AWK, Ubuntu, BOSS</b>	Free and Open source operating system. Actively being taken up by E-Governance programs and SMEs.
<b>Firefox</b>	Web browser. Used for all internet browsing purposes.
<b>Tux Typing</b>	Teaches 10 Finger typing.

### Programming Languages / Information Technology

<b>C / C++, Advance C++, Java, Java Business Application, Netbeans</b>	<b>C</b> is the most popular language worldwide. <b>Java</b> is also popular with ability to run the same program on different systems relevant to World Wide Web <i>software</i> . <b>NetBeans</b> is an open-source integrated development environment ( <b>IDE</b> ). Smooth JavaScript editor, Templates profiler & GUI Design tool. <b>JBA</b> is used to create business applications and provide domain expertise.
<b>Ruby</b>	Ruby is an object oriented scripting language use widely for developing web applications.
<b>GIT</b>	GIT is a version-control system for tracking changes in computer files and coordinating work on those files among multiple people.
<b>Android App using Kotlin</b>	Learn to architect and develop Android apps in the Kotlin programming language. With these techniques you'll create apps in less time, writing less code, and with fewer errors.
<b>HTML</b>	Hypertext Markup Language is the standard markup language for documents designed to be displayed in a web browser.

### Modelling and Simulation

<b>DWSIM</b>	DWSIM is a software for modeling, simulation, and optimization of steady-state chemical processes, Use in Chemical industry.
<b>OpenModelica</b>	OpenModelica is used for Simulating, Optimising, Analysing complex dynamic systems. Eg. In power plant, water treatment, automotive processes optimization.

### Mathematics / Statistics

<b>GeoGebra</b>	Dynamic Mathematics Software (DMS) for teaching and learning mathematics from middle school through college level.
<b>R (like SPSS)</b>	Programming language used for statistical computing and graphics.
<b>Biopython</b>	Tool for Computational Biology and Bioinformatics.

### Multimedia / Drawing

<b>GIMP (like Photoshop)</b>	GIMP is a graphics editor used for image retouching and editing, free-form drawing etc.
<b>Inkscape (like Corel Draw)</b>	Inkscape designs and creates a wide variety of graphics such as illustrations, icons, logos, diagrams, maps and web graphics.
<b>Blender (like Maya 3D)</b>	Blender is a 3D computer graphics software toolset used for creating animated films, visual effects, art, 3D printed models, games.
<b>QCad</b>	QCAD is used to create technical drawings such as plans for buildings, interiors, mechanical parts or schematics and diagrams.
<b>Synfig</b>	Synfig Studio eliminates the need to create animation frame-by frame, allowing you to produce 2D animation of a higher quality with fewer people and resources.

### Scripting Languages / Web Development

<b>Python</b>	Used for web programming eg. Django, Zope, Google App Engine, Desktop applications, Web Development sites eg. Facebook, Google search, Wikipedia.
<b>PERL</b>	Perl is a general-purpose programming language useful as a Glue language for tying together systems – hence invaluable to System Administrators and for Web Development.
<b>PHP &amp; MySQL</b>	Used as Web development and Database Management Systems package.
<b>Drupal</b>	Drupal is a content management system (CMS) written in PHP and distributed under the GNU General Public License. Useful for website-building and web applications.

### Mechanical / Civil / Electrical – Engineering disciplines

<b>Open Foam</b>	Data processing and visualisation. Aerodynamics, Building constructions.
<b>Oscad (eSim)</b>	Tool for circuit design, simulation, analysis and PCB design.
<b>QGIS</b>	QGIS is an application that supports viewing, editing, and analysis of geospatial data. It allows users to analyse and edit spatial information, in addition to composing and exporting graphical maps.

### Chemistry / Bio-Chemistry

<b>Avogadro</b>	Avogadro is a molecule editor and visualizer.
<b>GChemPaint</b>	GChemPaint allows you to draw and display 2D chemical structures. Very useful to teach and learn abstract chemistry concepts.
<b>Cell Designer</b>	Cell designer is a drawing tool – a structured diagram editor for biochemical networks & gene-regulatory drawings.
<b>Jmol Application</b>	It is used for molecular modelling chemical structures in 3 dimensions. eg. In molecular biology pertinent structures.

### Electronics / Physics

<b>Arduino</b>	Arduino is an open source platform used for building electronics projects. Or creating interactive objects or environments. eg. Used in Robotics
<b>Ngspice</b>	It is a program used in integrated circuit and board-level design to check the integrity of circuit designs and to predict circuit behavior.
<b>ExpEYES</b>	ExpEYES stands for Experiments for Young Engineers and Scientists. A tool for learning science by exploring and experimenting.
<b>Single Board Heater System(SBHS)</b>	The application of this device is in the Control Systems area of Engineering.

### Learning Management System

<b>Moodle</b>	Moodle is a learning management system or an online platform for customized learning, assignment and assessment purposes.
<b>LaTeX</b>	The best tool for Technical writing. eg. Math typesetting for Science, Engineering, Technology writing of theses, projects, journal articles, books etc. LaTeX has automatic generation of high quality PDF reports.
<b>Scilab (like MATLAB)</b>	Scientific computation package for Advanced mathematical computations. Use for academics in Physics, Engineering, Applied mathematics, Statistics & in Data Analytics companies and departments.

### *Contact*

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Diana Low – 9833188090 - dianaly3129@gmail.com

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<http://spoken-tutorial.org>

**SIES COLLEGE OF ARTS, SCIENCE & COMMERCE (AUTONOMOUS)**  
**Sion West, Mumbai - 400 022.**  
**CENTRE FOR EXCELLENCE**

**Basic and Advanced Python**

The course will include basic and advanced Python concepts. The students would get hands on training on the following contents:

**Contents:**

- Installation of Python 3
- Writing First Python program
- Variables, Data types, Operators, literals
- Statements
- Making decisions in python
- Python Loops, break statement, continue statement, else block
- Basic String, List, Tuple and dictionary concepts
- Writing basic programs
- Functions
- String, List, Tuple and dictionary functions.
- Manipulating files and directories, os and sys modules; text files: reading/writing text and numbers from/to a file; creating and reading a formatted file (csv or tab-separated)
- Installing, importing and using modules and packages
- Installing Anaconda and using Spyder
- Introduction to Numpy .
- Difference between python array and Numpy arrays.
- Introduction to Pandas

**Duration: 30 Hours**

**CREDITS: 2**

**Credits will be given on completion of both Basic and Advanced Python Course**

**Evaluation Pattern: Assignments and Quizzes**