



## What is Python?

Python is a general-purpose, high-level, remarkably powerful dynamic programming language that is used in a wide variety of application domains.

## Why Python?

- Easy to read and learn
- Free and Open Source
- Useful for scientific computing
- Powerful interactive interpreter
- Extensive scientific libraries
- Well documented

## Where can you use python ?

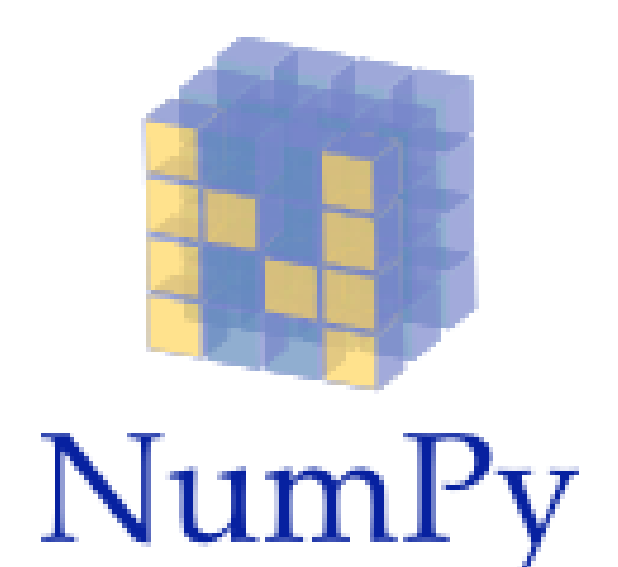
- Numeric and Symbolic computation
- 2D/3D Plotting
- User interfaces
- Parallel computing
- Machine learning Image Processing
- Game development

- Web development
- Much More. . .

## Who uses Python?

- Google
- Yahoo
- Walt Disney
- NASA
- IBM
- YouTube
- nVIDIA
- Software - Blender, Motion Builder, Cinema 4D, ...
- Games - Battlefield 2 by EA sports, Crystalspace 3D, ...

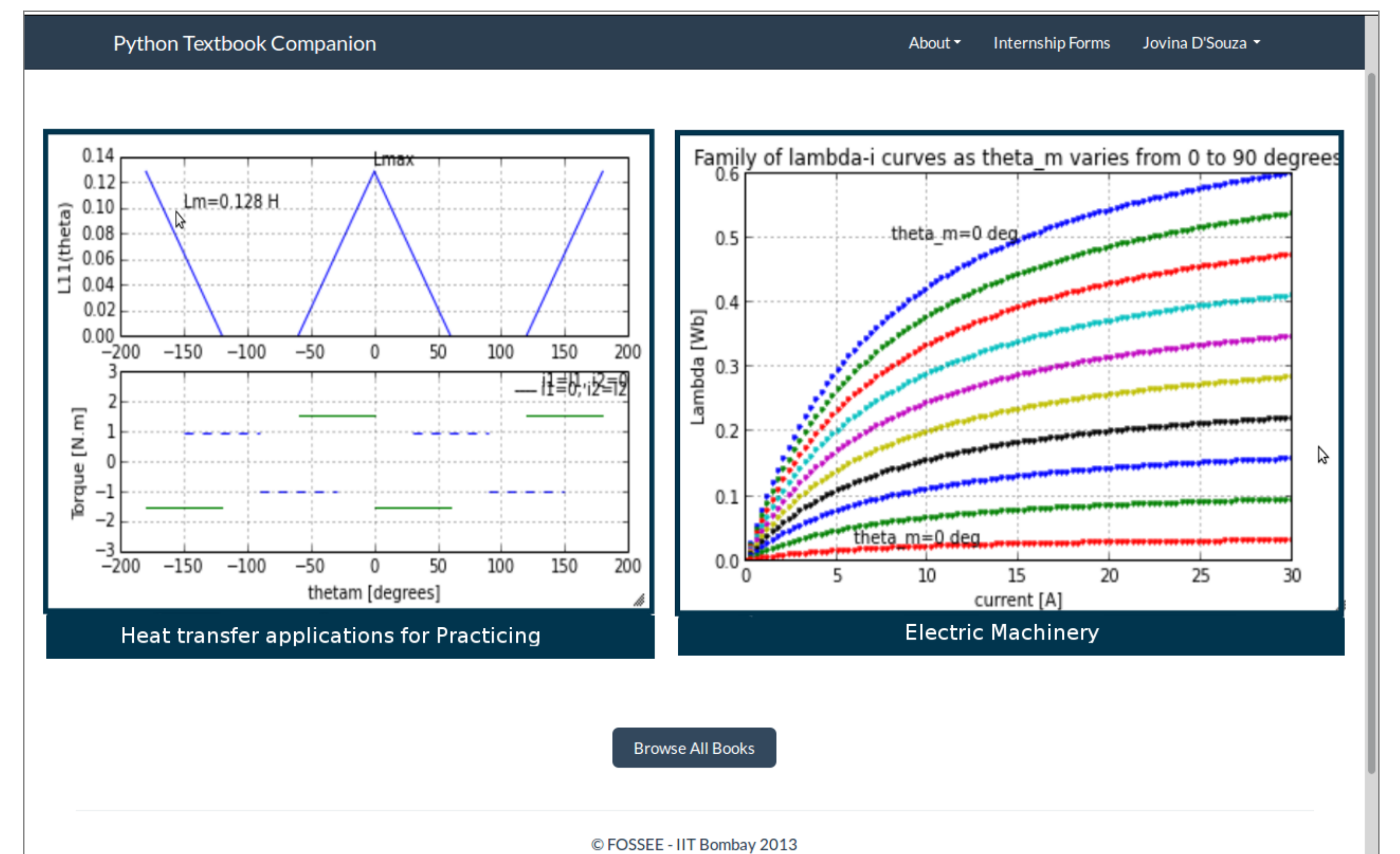
Python is one of the most popular programming languages today and therefore has been included in the CBSE curriculum. It easily performs tasks that proprietary tools like Matlab and Mathematica offer. Today top companies are using Python extensively, hence there are better job opportunities. Learn Python and grab the Opportunity!



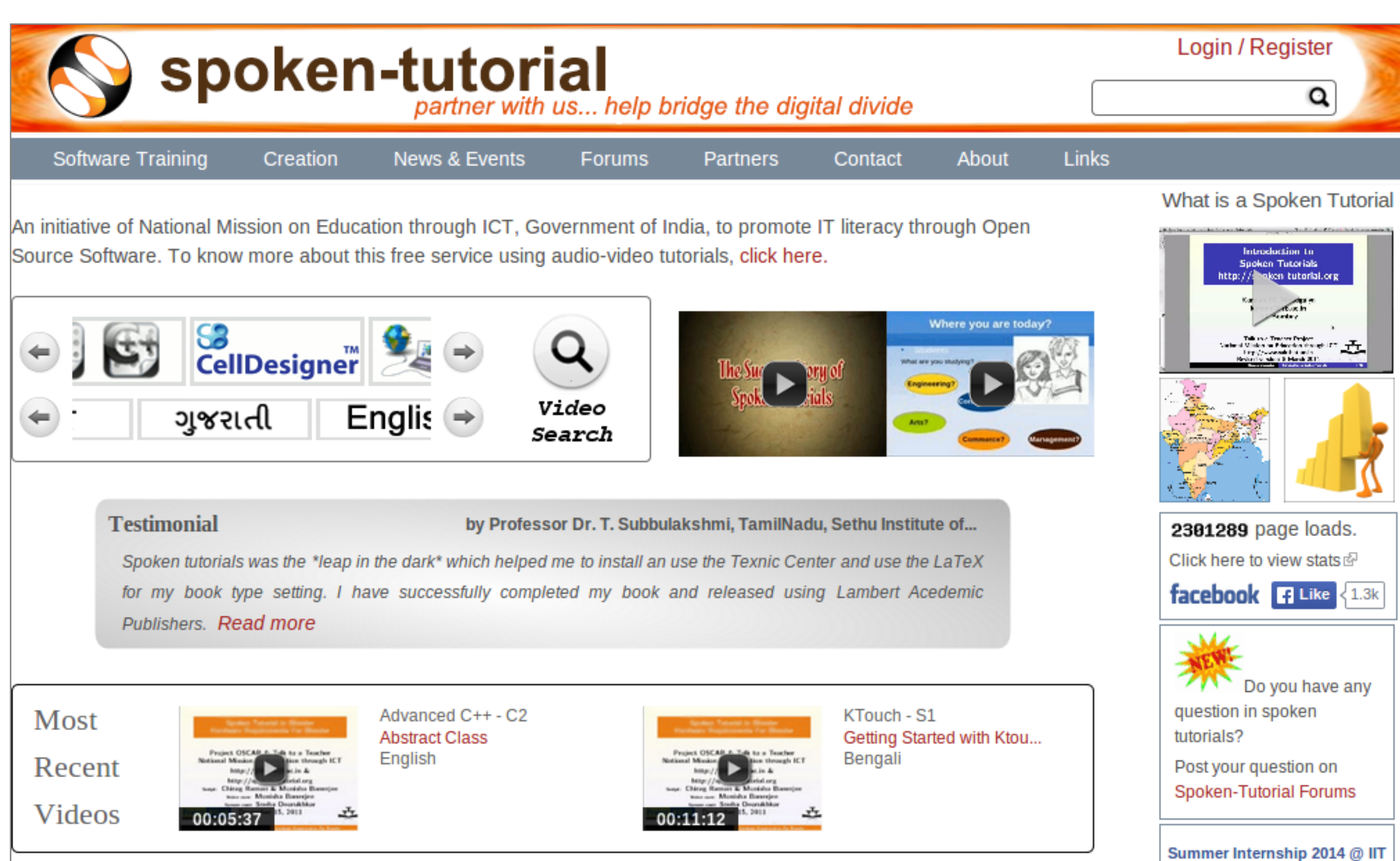


# How can you learn Python ?

- **Spoken Tutorial** - A library of spoken tutorials on 'Python' is freely available, to watch, learn and practice for taking those initial steps and moving on. This is the place that helps you getting started in the world of FOSS. Learn at your will, any time, anywhere! Learn Python here: <http://python.fossee.in/spoken-tutorials/>



Python textbook companion



Spoken tutorial website

- **Textbook Companion Internship** - Learn Python in a practical way by contributing to the Python Textbook Companion Internship. It aims to create Companions by coding solved examples from Standard textbooks using Python. Participate and earn attractive honorarium and Certificate of Internship from FOSSEE, IIT Bombay! For more details, please visit - <http://python.fossee.in/textbook-companion-project/>

**SELF Workshops** - Workshops on Python are conducted remotely by IIT Bombay. These workshops are completely free of cost and contain high quality material taught by experts. During these workshops, the participants use Spoken tutorials to work on various exercises and examples. Learn Python and obtain a certificate from IIT Bombay upon successful completion of a post-workshop test. Please visit, <http://python.fossee.in/spoken-tutorials/>

## Contact us

### About the project:

<http://python.fossee.in/>

### General help & Queries:

info@fossee.in

python@fossee.in