



## 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 ?

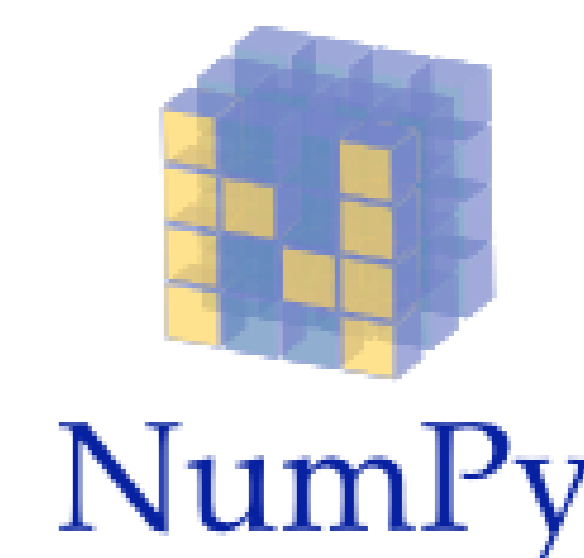
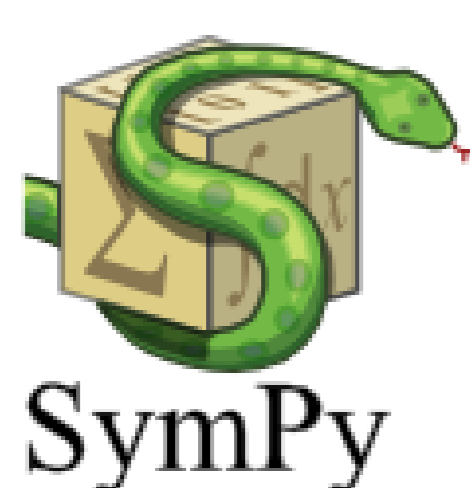
- Numeric and Symbolic computation
- 2D/3D Plotting
- User interfaces
- Parallel computing
- Machine learning and Image Processing
- Game development

- Web development
- Much more...

## Who uses Python?

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

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!



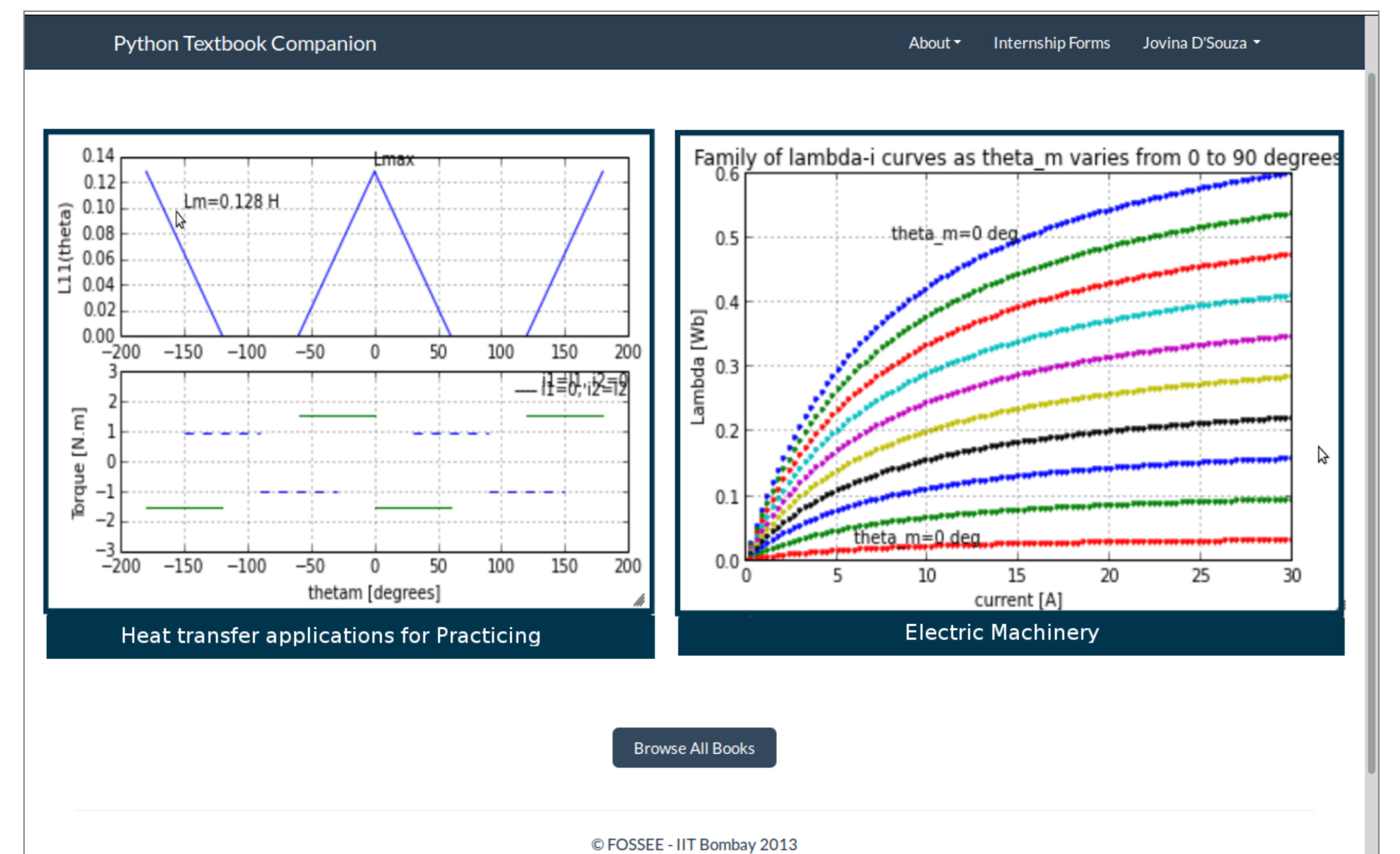
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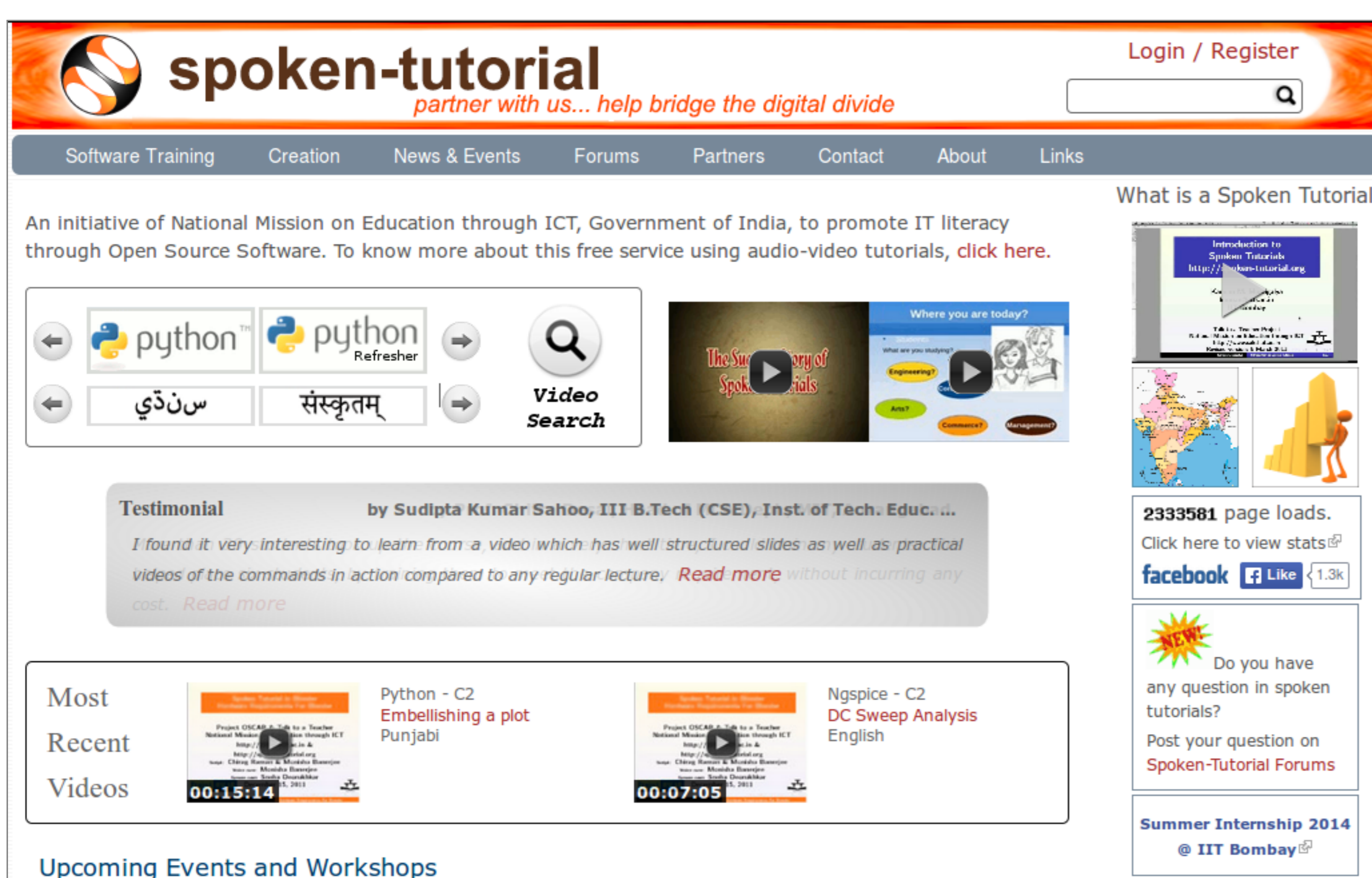
# How can you learn Python ?

- **Spoken Tutorial** - The FOSSEE project has created a series of Spoken Tutorials on Python. These are available for learning, on the Spoken Tutorial website, free of cost. You can access these tutorials from this link: [python.fossee.in/spoken-tutorials](http://python.fossee.in/spoken-tutorials)



Python Textbook Companion website

- **SELF Workshops** - The Spoken Tutorial Team conducts workshops on Python. These workshops are completely free of cost and are conducted without the need of any domain expert. Learn Python and obtain a certificate from Spoken Tutorial Project, IIT Bombay, upon successful completion of the post-workshop evaluation test. Please visit: [python.fossee.in/spoken-tutorials](http://python.fossee.in/spoken-tutorials)



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: [python.fossee.in/textbook-companion-project](http://python.fossee.in/textbook-companion-project)

## About us

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