

Examples through OMEdit

Spoken Tutorial Project

<http://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

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Learning Objectives

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- ▶ to open and simulate different **Modelica** library classes

System Requirement

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- ▶ **Any OS: Linux, Windows, Mac OS X or FOSSEE OS on ARM.**

Pre-requisites

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- ▶ about **OMEdit**
- ▶ Pre-requisite tutorials are mentioned on www.spoken-tutorial.org

Summary

We have learnt,

- ▶ how to open and simulate different **Modelica** library class

Assignment

As an assignment,

- ▶ Expand **Magnetgic** library in **Modelica**
- ▶ Simulate **SaturatedInductor** class in **FluxTubes** Library
- ▶ Change few input variables value and re-simulate
- ▶ generate **Parametric** plot between **i** & **LossPower** of Variable **r**

About the Spoken Tutorial Project

- ▶ Watch the video available at http://spoken-tutorial.org/What_is_a_Spoken_Tutorial
- ▶ It summarises the Spoken Tutorial project

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- ▶ If you do not have good bandwidth, you can download and watch it

Spoken Tutorial Workshops

The Spoken Tutorial Project Team,

- ▶ Conducts workshops using spoken tutorials
- ▶ Gives certificates to those who pass an online test
- ▶ For more details, please write to contact@spoken-tutorial.org

Forum for specific questions

- ▶ Do you have questions in this Spoken Tutorial?
- ▶ Please visit <http://forums.spoken-tutorial.org>
- ▶ Choose the minute and second where you have the question
- ▶ Explain your question briefly
- ▶ Someone from the FOSSEE team will answer them



Textbook Companion Project

- ▶ **The FOSSEE team coordinates coding of solved examples of popular books**
- ▶ **We give honorarium and certificates for those who do this**
- ▶ **For more details, please visit this site**
<http://om.fossee.in/textbook-companion-project>

Lab Migration Project

- ▶ **The FOSSEE team helps migrate commercial simulator labs to OpenModelica**
- ▶ **We give honorarium and certificates for those who do this**
- ▶ **For more details, please visit this site**
<http://om.fossee.in/lab-migration-project>



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- ▶ **Spoken Tutorial and FOSSEE projects are funded by NMEICT, MHRD, Government of India**

Thanks

- **Thanks for joining**