

# OpenPLC Mainboard

Spoken Tutorial Project

<https://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

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# Learning Objectives

**We will learn about**



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**We will learn about**

- **Various components of OpenPLC Mainboard**



# System Requirements



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- **OpenPLC Mainboard**



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- **24V, 2A SMPS**



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- **24V, 2A SMPS**
- **USBasp programmer**



# System Requirements

- OpenPLC Mainboard
- 24V, 2A SMPS
- USBasp programmer
- **Ubuntu Linux 18.04 operating system**



# OpenPLC Hardware



# OpenPLC Hardware

- **Affordable, open source and modular hardware**



# OpenPLC Hardware

- **Affordable, open source and modular hardware**
- **Flexible**



# Points to remember



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- **Most of the modules developed by FOSSEE run on 12 volts**



# Points to remember

- Most of the modules developed by FOSSEE run on 12 volts
- 24 volt connection is also provided



# Summary

**We learnt about**

- **Various components of OpenPLC Mainboard**



# About the Spoken Tutorial Project

- Watch the video available at [http://spoken-tutorial.org/What\\_is\\_a\\_Spoken\\_Tutorial](http://spoken-tutorial.org/What_is_a_Spoken_Tutorial)
- It summarises the Spoken Tutorial project
- 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](mailto:contact@spoken-tutorial.org)



# Forum questions

- Questions in THIS Spoken Tutorial?
- Visit <https://forums.spoken-tutorial.org/>
- Choose the minute and second where you have the question
- Explain your question briefly
- The Spoken Tutorial project will ensure an answer

You will have to register to ask questions



# Forum to specific questions

- Questions not related to the Spoken Tutorial?
- Do you have general / technical questions on the Software?
- Please visit the FOSSEE Forum  
<http://forums.fossee.in/>
- Choose the Software and post your question



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# THANK YOU!

For more Information, visit our website  
<https://fossee.in/>

