

# Plugins

**Spoken Tutorial Project**

**<https://spoken-tutorial.org>**

**National Mission on Education through ICT**

**<http://sakshat.ac.in>**

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# Learning Objectives



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- ▶ **Enable Core Plugins**



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- ▶ **Install an External Plugin**



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- ▶ **Enable Core Plugins**
- ▶ **Install an External Plugin**
- ▶ **Locate a Plugin on QGIS interface**



# Learning Objectives

- ▶ Enable **Core Plugins**
- ▶ Install an **External Plugin**
- ▶ Locate a Plugin on QGIS interface
- ▶ **Install QuickMapServices Plugin**



# Learning Objectives



# Learning Objectives

- ▶ **Download OpenStreetMap data**





# Learning Objectives

- ▶ Download OpenStreetMap data
- ▶ Use QuickOSM Plugin to convert osm data to shapefile



# Learning Objectives

- ▶ Download **OpenStreetMap** data
- ▶ Use **QuickOSM** Plugin to convert osm data to shapefile
- ▶ View 3D visualization of a map layer using **Qgis2threejs** Plugin



# System Requirements



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- ▶ **Ubuntu Linux OS v16.04**



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- ▶ **QGIS v2.18**
- ▶ **Mozilla Firefox browser 54.0**
- ▶ **Working internet connection**



# Pre-requisites





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- ▶ **QGIS interface**



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- ▶ **QGIS interface**
- ▶ **<https://spoken-tutorial.org>**



# About Plugins



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- ▶ **QGIS Plugins** add useful features to the software



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- ▶ QGIS **Plugins** add useful features to the software
- ▶ They are written by developers and other independent users



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- ▶ QGIS **Plugins** add useful features to the software
- ▶ They are written by developers and other independent users
- ▶ **Plugins option is available on menu bar on the QGIS interface**



# About Plugins



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**Plugins** have the ability to,

- ▶ **insert menu items at various locations on the interface**





# About Plugins

**Plugins** have the ability to,

- ▶ insert menu items at various locations on the interface
- ▶ **create new panels and toolbars**



# Summary



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- ▶ Enable **Core** Plugins
- ▶ Install an **External** Plugin
- ▶ Locate a Plugin on QGIS interface
- ▶ Install **QuickMapServices** Plugin



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- ▶ Download OpenStreetMap data
- ▶ Use **QuickOSM** Plugin to convert osm data to shapefile
- ▶ View 3D visualization of a map layer using **Qgis2threejs** Plugin



# Assignment

- ▶ Create three dimensional buildings map for **Bangalore** area
- ▶ Hint: Use OpenStreetMap data zoomed in to **Bangalore** area



# About the Spoken Tutorial Project

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



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- ▶ 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 for specific questions

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



# Acknowledgements

- ▶ Spoken Tutorial Project is a part of the Talk to a Teacher project
- ▶ It is supported by the National Mission on Education through ICT, MHRD, Government of India
- ▶ More information on this Mission is available at

<https://spoken-tutorial.org/NMEICT-Intro>

