

# Creating and Meshing a Curved-Pipe Geometry in Salome for OpenFOAM

**Talk to a Teacher**

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

**National Mission on Education through ICT**

<http://spoken-tutorial.org>

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# Learning Objectives

- To create curved pipe geometry in Salome.



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- To create curved pipe geometry in Salome.
- To mesh the geometry in the Salome.



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- To create curved pipe geometry in Salome.
- To mesh the geometry in the Salome.
- To modify the mesh using submesh.



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# System Requirement

- **Linux Operating System Ubuntu version 12.10**



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# System Requirement

- **Linux Operating System Ubuntu version 12.10**
- **Salome version 6.6.0**



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# Prerequisites

- **Salome should be installed.**



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# Summary

- To create curved pipe geometry in Salome.



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# Summary

- To create curved pipe geometry in Salome.
- To mesh the geometry in Salome.
- To modify the mesh using submesh.



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# Assignment

- Create a pipe having inner diameter 6 units smaller than the outer diameter.



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# Assignment

- **Create a pipe having inner diameter 6 units smaller than the outer diameter.**



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# Assignment

- Create a pipe having inner diameter 6 units smaller than the outer diameter.
- Change the angle of the bent.



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# 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



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



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# 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)



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- More information on this Mission is available at

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



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