Why Osdag

Easy, Simple, Free & Customizable

- Free to download and Install
- Easy to learn and use
- Helpful tutorials on our YouTube channel
- ◆ 3D visualization and error messages / suggestions
- Customizable design preferences

Expert, Standardized, Qualified & Updated

- ◆ Follows best design & detailing practices
 - Recommended by steel experts in academia and industry
- Incorporates latest design standards
- Generates a customized, professional design report

Full CAD Support

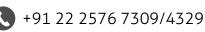
- Export models as IGES, STL, STEP and BREP formats
- Import these models into your CAD software like AutoCAD, FreeCAD, SolidWorks

Collaborate & Contribute

- You can also be a part of Osdag
- You can make Osdag even better
- Collaborate with us on GitHub
- Contribute with your new ideas and features

Contact us

Prof. Siddhartha Ghosh Dept. of Civil Engineering, SSRR Lab, VMCC, IIT Bombay, Mumbai - 76, India.



- contact-osdag@fossee.in
- osdag.fossee.in
- http://tinyurl.com/OsdagVideos
- https://github.com/osdag-admin/Osdag



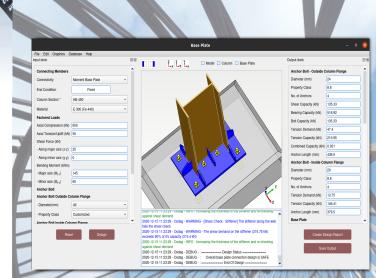
Ministry of Education Govt. of India

This work is licensed under a Creative Commons Attribution-ShareAlike 4.0 International License





Open steel design and graphics







Osdag is a cross-platform, free and open source software (GNU LGPL Version 3). It is used to design (and detail) steel structures. It follows the Indian Standard Osdag GUI IS 800:2007 steel design code. Osdag allows the user to design steel CAD Model connections, members and systems using a Graphical User Interface. Optimum Design Structural Drawings The GUI provides a 3D visualization of the designed components and an option to export the CAD model to any drafting software for the Message Log creation of construction/fabrication drawings. **Features** Design Report Python Connection PyQt Tension Member NumPy Dependencies Osdag Compression Member pythonOCC Modules* Flexural Member svgwrite SQLite Beam-Column Open Cascade Plate Girder Resources **Expert Reviewers** Truss Website Installers 2D & 3D Frame YouTube Group Design INSDAG Video Tutorials **IIT Madras** M N Dastur **Developer Tools** Larsen & Toubro **IIT Bombay** User Tools Tata Consulting Engineers Aker Solutions Sample Design **Discussion Forum** Examples https://osdag.fossee.in

*All modules are not available in the current version of Osdag

Osdag® and the above Osdag logo are registered trademarks of Indian Institute of Technology Bombay