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# SOLIDWORKS 2016 For Designers, 14th Edition

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Consists of 1090 (952+98\*\*) pages of heavily illustrated text covering the following features of SOLIDWORKS:

Part Design, Assembly Design, Detailing and Drafting, Blocks, Sheet Metal Modeling, Surface Modeling, Configurations, Equations, Library Features, Motion Study, and Mold Design

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## SOLIDWORKS 2016

### for Designers, 14<sup>th</sup> Edition

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- Customizable PowerPoint presentations of all chapters\*
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(\* For faculty use)

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## Synopsis

SOLIDWORKS 2016 for Designers book is written to help the readers effectively use the modeling and assembly tools by utilizing the parametric and feature based approach of SOLIDWORKS 2016. This book provides detailed description of the tools that are commonly used in modeling, assembly, and sheet metal as well as in surfacing. The SOLDIWORKS 2016 for Designers book further elaborates on the procedure of generating the drawings of a model or assembly, which are used for documentation of a model or assembly. Special emphasis has been laid on the introduction of concepts, which have been explained using text, along with graphical examples. The examples and tutorials used in this book ensure that the users can relate the information provided in this textbook with the practical industry designs. Some of the Salient Features of this textbook are as follows:

Consists of 21 chapters that are organized in a pedagogical sequence. The author has followed the tutorial approach to explain various concepts of SOLIDWORS 2016. Detailed explanation of SOLIDWORKS 2016 tools. The first page of every chapter summarizes the topics that are covered in it. Consists of hundreds of illustrations and a comprehensive coverage of SOLIDWORKS 2016 concepts and techniques. Step-by-step instructions that guide the users through the learning process. Emphasis on Why and How with explanation. Several real-world mechanical engineering designs as tutorials and projects. Additional information is provided throughout the book in the form of notes and tips. Self-Evaluation Tests and Review Questions are given at the end of each chapter so that the users can assess their knowledge. Technical support by contacting [techsupport@cadcim.com](mailto:techsupport@cadcim.com). Additional learning resources at <http://allaboutcadcam.blogspot.com>.

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About the Author

CADCIM Technologies, Prof. Sham Tickoo of Purdue University Calumet, and the team of dedicated contributing authors are committed to bring you the best textbooks and free teaching and learning resources on Computer Aided Design, Manufacturing

and Engineering(CAD/CAM/CAE), Computer Programming and Applications, GIS, Civil, Animation, and related technologies. We strive to be the first and the best. That is our promise and our goal. Our team of authors consists of highly qualified and experienced Engineers and Programmers who have a strong academic and industrial background. They understand the needs of the students, the faculty, and the challenges the students face when they start working in industry. All our books have been structured in a way that facilitates teaching and learning, and also exposes students to real-world applications. The textbooks, apart from providing comprehensive study material, are well appreciated for the simplicity of content, clarity of style, and the in-depth coverage of the subject.

## **Book Information**

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