



# **NX 10.0 for Designers, 9th Edition**

*Prof. Sham Tickoo Purdue Univ., and CAD/CIM Technologies*

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# NX 10.0 for Designers, 9th Edition

*Prof. Sham Tickoo Purdue Univ., and CAD/CIM Technologies*

**NX 10.0 for Designers, 9th Edition** Prof. Sham Tickoo Purdue Univ., and CAD/CIM Technologies  
NX 10.0 for Designers is a comprehensive textbook that introduces the users to feature based 3D parametric solid modeling using the NX 10.0 software. The textbook covers all major environments of NX with a thorough explanation of all tools, options, and their applications to create real-world products. In this textbook, about 39 mechanical engineering industry examples are used as tutorials and an additional 34 as exercises to ensure that the users can relate their knowledge and understand the design techniques used in the industry to design a product. After reading the textbook, the user will be able to create parts, assemblies, drawing views with bill of materials, and learn the editing techniques that are essential to make a successful design. Also, in this book, the author emphasizes on the solid modeling techniques that improve the productivity and efficiency of the user.

Keeping in mind the requirements of the users, the textbook at first introduces sketching and part modeling in NX 10.0, and then gradually progresses to cover assembly and drafting. Written with the tutorial point of view and the learn-by-doing theme, the textbook caters to the needs of both novice and advanced users of NX 10.0 and is ideally suited for learning at your convenience and pace.

Some of the Salient Features of this textbook are as follows:

Consists of 15 chapters that are organized in a pedagogical sequence.

Comprehensive coverage of NX 10.0 concepts and techniques.

Tutorial approach to explain the concepts of NX 10.0.

Detailed explanation of all commands and tools.

Summarized content on the first page of the topics that are covered in the chapter.

Hundreds of illustrations for easy understanding of concepts.

Step-by-step instructions to guide the users through the learning process.

Emphasis on Why and How with explanation.

More than 39 real-world mechanical engineering designs as tutorials, 34 as exercises, and projects with step-by-step explanation.

Additional information throughout the book in the form of notes and tips.

Self-Evaluation Tests and Review Questions at the end of each chapter to help the users 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

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