



2019
MU

Strictly as per the New Revised Syllabus (Rev - 2016) of Mumbai University
w.e.f. academic year 2019-2020 (As per Choice Based Credit and Grading System)

PRODUCT LIFE CYCLE MANAGEMENT


(Institute Level Optional Course I)

(Code : ILO7011)

Semester VII - Mechanical Engineering

Mandar M. Bidwe




PRINCIPAL
Dr. Vithalrao Vikhe Patil
College of Engineering
Ahmednagar



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Semester VII - Mechanical Engineering

Machine Design - II

R. B. Patil

CAD/CAM/CAE

R. B. Patil, Neha Patil

Production Planning and Control

Dr. Anand K. Bewoor, Abhijeet B. Ranveer

Mechanical Vibrations (Dept. Elective III)

Dr. F. B. Sayyad

Automobile Engineering (Dept. Elective III)

S. D. Ambatkar

Product Lifecycle Management (Inst. Elective I)

Mandar M. Bidwe

Operation Research (Inst. Elective I)

Girish Phatak

Energy Audit and Management (Inst. Elective I)

B. L. Singhal, Amit L. Nehete

About the Author



Prof. Mandar M. Bidwe

has completed B.E. (Mechanical) from Swami Ramanand Teerth Marathwada, University Nanded and M.Tech. (Product Design and Manufacturing) from RVCE, Bangalore. He is a Hard core teacher with ten years Experience in teaching various subjects like, Product Design & Development, Fluid Mechanics, CAD/CAM & Automation, FEM, Turbo machines etc. He is acclaimed as a distinguish professor in engineering and has taught at various institutes like, Pravara Rural Engineering College, Loni and presently working as Assistant Professor at Dr. Vitthalrao Vikhe patil college of Engineering, Ahmednagar. He has also served as Principal at YSPS Polytechnic, Tal. Babhalgaon, Dist. Latur. He has to his credit several research papers, Articles, and books.

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Preface

My Dear Students,

I am extremely happy to come out with this edition of **Product Life Cycle Management** for you, the Mechanical Engineering Students. This text book has been written strictly as per the New Syllabus prescribed by Mumbai University for Final year Mechanical Engineering.

Every kind of care has been taken to write the subject matter of each topic in simple and lucid manner. The subject is divided into small topics within the chapters has been arranged in a proper sequence to ensure smooth flow of the subject.


Each point is explained in depth with the help of neat and self explanatory sketches. So, I am sure that this book will meet all the minute requirements of the subject.

I present this book in the loving memory of **Late Shri. Pradeepji Lunawat**, my source of inspiration and a strong foundation of "**TechKnowledge Publications**". He will always be remembered in my hearts and motivate me to achieve my new milestone.

I am thankful to Prof. Arunoday Kumar, Shri. Shital Bhandari and Shri. Chandroday Kumar for the encouragement and support that they have extended. I am also thankful to the staff members of TechKnowledge Publications and others for their efforts to make this book as good as it is. I have made every possible efforts to eliminate all the errors in this book. However if you find any, please let me know, because that will help me to improve the book quality further.

I am also thankful to my family members and friends for their patience and encouragement.




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