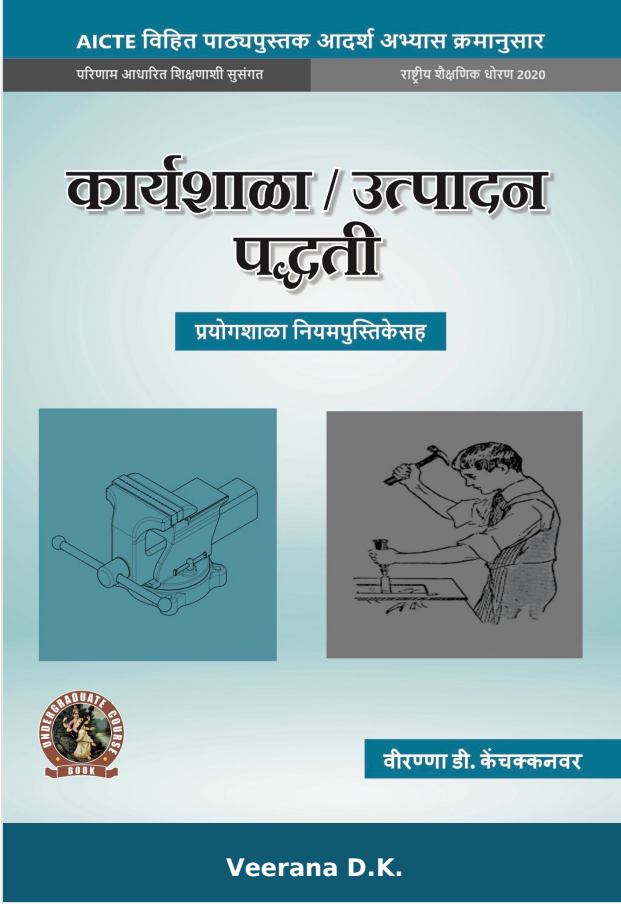




Workshop / Manufacturing Practices (with Lab Manual)

Author :	Veerana D.K.
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Condition Type :	New
Country Origin :	India

Product Description

The textbook on “Workshop/ Manufacturing Practices” is designed to cater the needs of young minds of 21 century. The AICTE model curriculum and National Education Policy has driven a new wave in the technical education. The textbook is designed not only to cater the need of the syllabus but also to look things in a different perspective. The Workshop is the place where the core of learning about different materials, equipment, tools and techniques takes place. Basically the workshop used to prepare the small components by hand tools. Sometimes they may be parts of the large machines or may may be parts for replacement/repairs. In this text book an attempt has been made to connect the conventional tools usage to advanced machine tools usage. The relevant practical examples are quoted to make the readers more comfortable with product and processes. The blooms taxonomy is fallowed in construction of each chapters and exercises. The objective and multiple questions with higher order thinking may help the readers to not only to face the semester end exam even they may help in competitive and other examinations.

Salient Features:

1. Manufacturing Methods.
2. CNC Machining, Additive manufacturing.
3. Fitting operations & power tools.
4. Electrical & Electronic.
5. Carpentry.
6. Plastic moulding, glass cutting.
7. Metal casting.
8. Welding (arc welding & gas welding), brazing.

9. Laboratory experiments and models.

10. Appendices.

11. References.

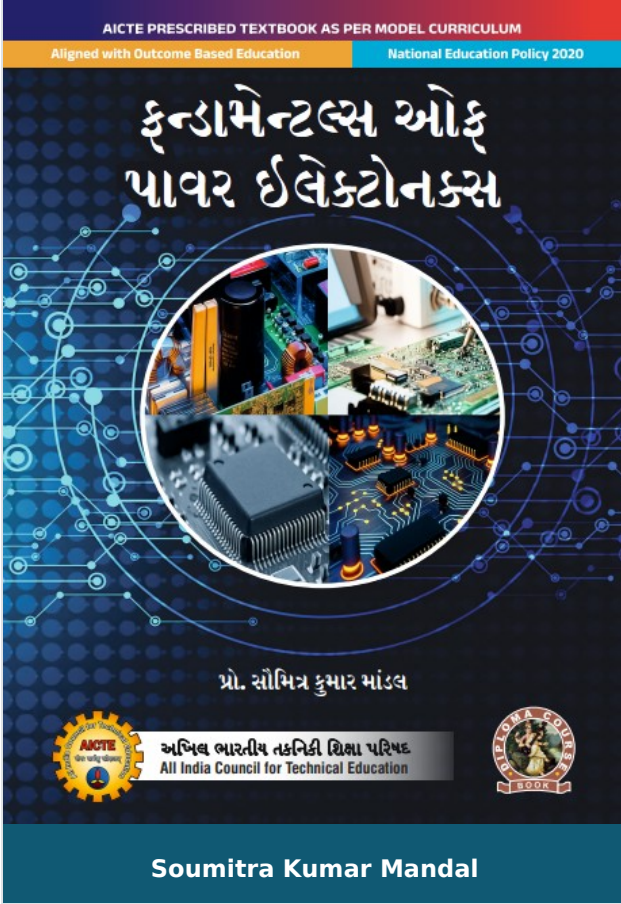
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 - CNC Machining, Additive manufacturing, Fitting
 - operations & power tools
 - Electrical & Electronic
 - Carpentry, Plastic moulding, glass cutting
 - Metal casting, welding (arc welding & gas welding), brazing
- Part- B: Workshop Practice Laboratory
- Appendices
- References

Author

Veerana D.K.

The textbook on “Workshop/ Manufacturing Practices” is designed to cater the needs of young minds of 21 century. The AICTE model curriculum and National Education Policy has driven a new wave in the technical education. The textbook is designed not only to cater the need of the syllabus but also to look things in a different perspective. The Workshop is the place where the core of learning about different materials, equipment, tools and techniques takes place. Basically the workshop used to prepare the small components by hand tools. Sometimes they may be parts of the large machines or may may be parts for replacement/repairs. In this text book an attempt has been made to connect the conventional tools usage to advanced machine tools usage. The relevant practical examples are quoted to make the readers more comfortable with product and processes. The blooms taxonomy is fallowed in construction of each chapters and exercises. The objective and multiple questions with higher order thinking may help the readers to not only to face the semester end exam even they may help in competitive and other examinations. Salient Features: I Manufacturing Methods I CNC Machining, Additive manufacturing I Fitting operations & power tools I Electrical & Electronic I Carpentry I Plastic moulding, glass cutting I Metal casting I Welding (arc welding & gas welding), brazing I Laboratory experiments and models I Appendices I References



Fundamentals of Power Electronics

Author : Soumitra Kumar Mandal

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Publisher : Khanna Publishing House

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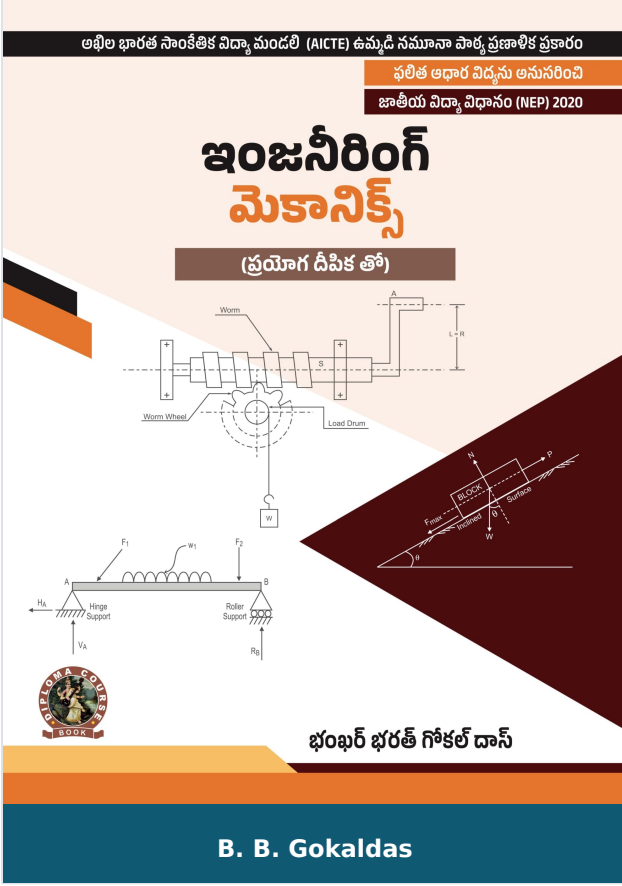
Product Description

Fundamentals of Power Electronics

Author

Soumitra Kumar Mandal

Prof. Soumitra Kumar Mandal Professor of Electrical Engineering National Institute of Technical Teachers' Training & Research, Kolkata



Engineering Mechanics (with Lab Manual)

Author : B. B. Gokaldas

ISBN 13 : 978-93-91505-30-1

ISBN 10 : 9391505309

E-ISBN 13 : 978-93-91505-30-1

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Publisher : Khanna Publishing House

M.R.P : Rs 295.00

Categories : [AICTE Prescribed Textbooks,](#)
[Telugu Books, Book Store, Ebooks](#)

Condition Type : New

Country Origin : India

Product Description

“Engineering Mechanics with Lab Manual” is a compulsory for the first year Diploma course in Engineering 7 Technology. Syllabus of this book is strictly align as per model curriculum of AICTE and academic content is amalgamate with the concept of Outcome based Education (OBE).

Book covers is five units- Basic mechanics & force system, Equilibrium, Friction, Centroid and Centre of gravity & simple lifting machine. Each unit written in every easy, systematic and orderly manner. Each unit contains a set of exercise at the end of each unit to test the student’s comprehension. Also in each unit the laboratory practical pertaining to unit is included.

Some salient features of the book:

1. Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes.
2. Book provides lots of recent information, interesting facts, QR Code for E-resources, QR Code for use of ICT, projects, group discussion etc.
3. Student and teacher centric subject materials included in book with balanced and chronological manner.
4. Figures, tables, equations and activities are insert to improve clarity of the topics.
5. Objective questions, Short questions and long answer exercise given for practice of students after every unit.
6. Solved and unsolved problems including numerical examples taken with systematic steps.

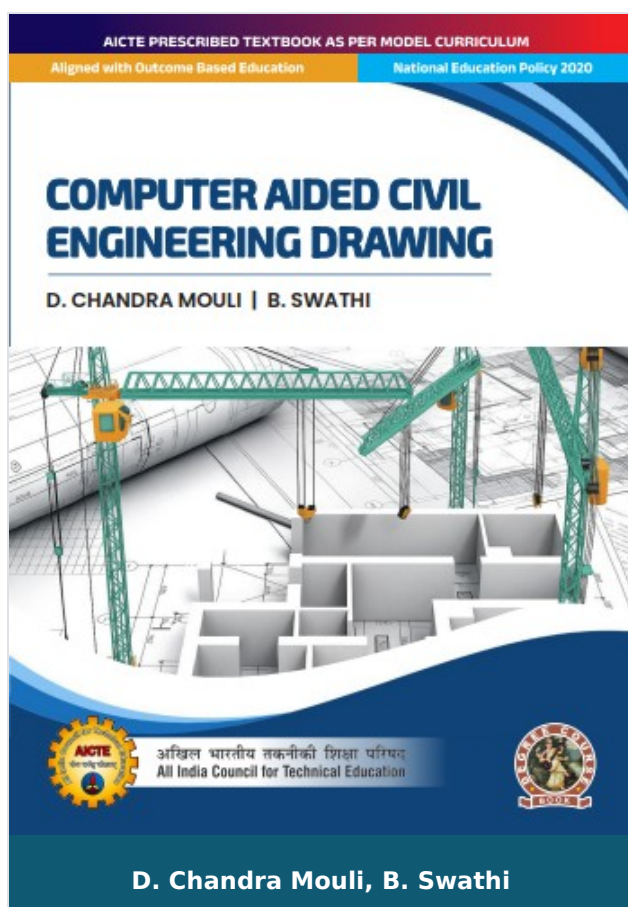
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- Equilibrium
- Friction
- Centroid and Centre of Gravity
- Centroid and Centre of Gravity
- Appendix
- Index

Author

B. B. Gokaldas

B. B. Gokaldas B. G. Gokaldas



Computer Aided Civil Engineering Drawing

Author : D. Chandra Mouli, B. Swathi

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Categories : [AICTE Prescribed Textbooks,](#)
[English Books, Book Store](#)

Condition Type : New

Country Origin : India

Product Description

Computer Aided Civil Engineering Drawing

Computer Aided Civil Engineering Drawing offers a wide range of knowledge on developing civil engineering drawing using computer-aided drawing tools. This book serves the students as a resource to understand the basics of developing drawings in a standard procedure.

Salient Features:

- Detailed outcomes and applications are listed for each unit.
- Each unit starts with specifics, pre requisites, and preparing the students for effective understanding of the topic.
- The book is capsulated with Wall the information required to develop drawings from planning stage to execution stage.
- A detailed discussion on all the commands used in Auto CAD emphasizes students to learn their best for creating, editing, and texting the drawings.
- The pictorial representation of each topic and technical terms shown enhances the knowledge of the reader by creating a visual impact with real-time construction activities.
- A brief outline of various room dimensions along with their position as per VAASTU sastra gives a glimpse of using ancient principles of Indian architecture.
- Practicals on each concept developed at the end of the book will enhance the understanding of students to prepare various plans, sections, and structural drawings with ease.
- This book acts as a bridging tool for students to meet the present needs of the industry in developing all types of drawings manually as well as using tools like Auto CAD.

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- Practical sheets

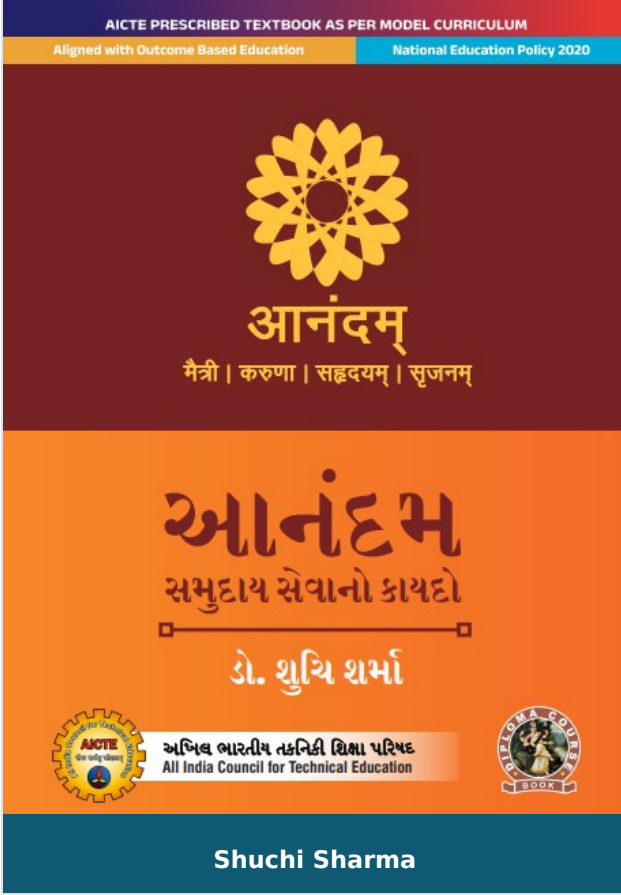
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B. Swathi

B. Swathi M.Tech., (Ph.D.) Assistant Professor, Department of Civil Engineering, University College of Engineering and Technology, Acharya Nagarjuna University



Aanandam An Act of Community Service

Author : Shuchi Sharma

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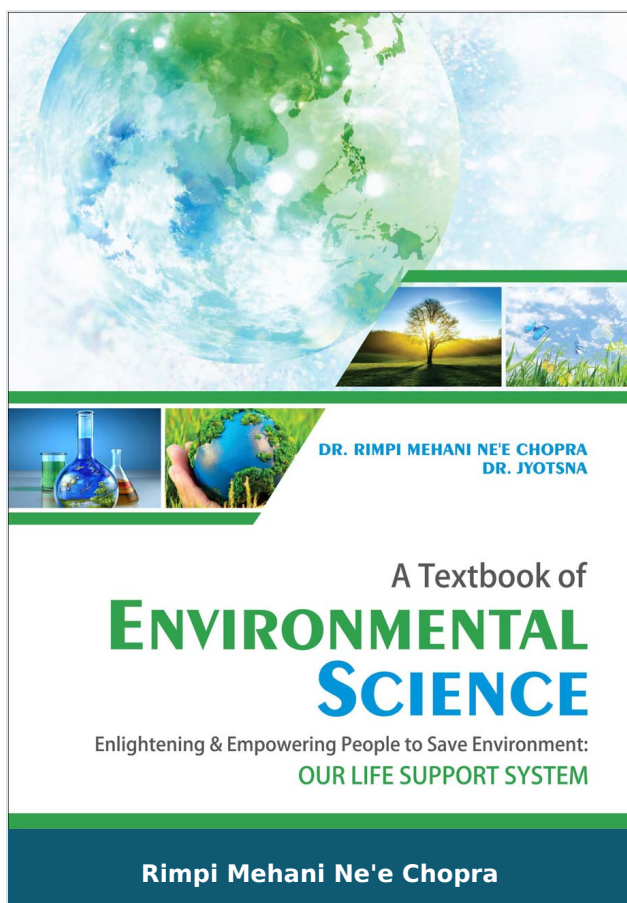
Product Description

Aanandam An Act of Community Service

Author

Shuchi Sharma

Dr. Shuchi Sharma, IAS (retd) Former Secretary Higher, Technical & Sanskrit Education,
Government of Rajasthan



A Textbook of Environmental Science

Author : Rimpi Mehani Ne'e Chopra

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E-ISBN 13 : 978-93-82609-93-3

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[Environmental Engineering,](#)
[Environmental Engineering, Book Store](#)

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Product Description

Our environment is a gift of good given to us. We are growing multifaceted in technology and engineering but at the cost of the air, water and land around us. We are not focusing on our needs but on our wants. India is our country but earth is the mother of all countries, its every problem is our real concern. We will need every citizen's help to answer to the very intense problem of the environment. Let us work at our own homes and save the environment.

All the universities and education boards are working for educating the masses on the issues related to the environment. all most everyone has covered all the alarming situations of the environment. The aim of writing this book was to gather the historical events and relate them to the present day situation the book is written according to the syllabus framed by the UGC for the course on Environmental Science to be studied by the undergraduate students of all Indian Universities. We have tried to touch the latest issues with the fresh available data.

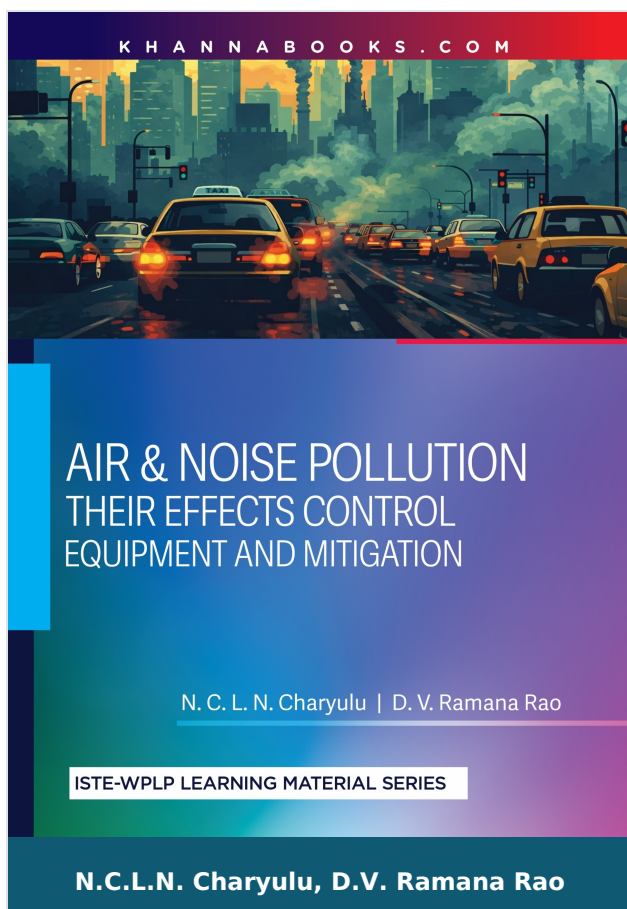
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- Multidisciplinary Nature of Environmental Studies
- Natural Resources
- Ecosystem
- Biodiversity
- Environment Pollution
- Social Issues and Environment
- Human Population and Environment

Author

Rimpi Mehani Ne'e Chopra

Rimpi Mehani Ne'e Chopra Professor, Ludhiana College of engineering and Technology
Katan Kalan, Ludhiana



Air & Noise Pollution Their Effects Control Equipment and Mitigation

Author : N.C.L.N. Charyulu, D.V. Ramana Rao

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Publisher : Khanna Publishing House

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Condition Type : New

Country Origin : India

Product Description

Air & Noise Pollution Their Effects Control Equipment and Mitigation

Industrial activities especially after the Industrial revolution all over the world have led to environmental problem by excessive consumption of resources and release of deleterious effluents, emissions and residues. Among the various aspects of pollutants, air, water noise are inherent characteristics, in contributing pollution in process industries. Air pollution in the form of particulates and gases are emanated from chemical and other process industries. Biological material from agricultural and other natural Phenomena are introduced or inserted into the atmospheric air.

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- Health Effects Due to Air Pollution
- Standards for Air Pollution Control
- Sources Harmful Effects and Mitigation of Air Pollutants
- Equipment for Air Pollution Control - Design, Operation and Maintenance
- Base Line Data, Air Monitoring Devices and GIS
- Noise Pollution Its Sources and Standards
- Noise Abatement Measures
- Nanoparticle Emissions and Protective Controls
- Emerging Technologies for Particulate and Gaseous Emissions

Author

N.C.L.N. Charyulu

N.C.L.N. CHARYULU obtained B.Tech. (Chem Engg) from Andhra University in 1963 M. Tech. (Chem. Engg) with specialization in Chemical Plant Design, from IIT Kharagpur, in 1967 (Technical Teacher Trainee) and Ph.D. (Chem Engg) from I.I.Sc., in 1977. Joined Karnataka Regional Engineering College, KREC Surathkal (presently renamed as National Institute of Technology Surathkal) as lecturer in 1967. Served in different capacities as Asst. Prof. Professor, Head of Chemical Engineering Department and Dean Students Affairs. Taken voluntary retirement in March, 2001 and joined Chaitanya Bharathi

Institute of Technology (CBIT). Served as Prof and Head Chem Engg Dept., CBIT bill May, 2010. Total teaching experience of 46 Y (1954- 2010) He was awarded National Biotechnology Associate for One Year (1988-89) during which he was a visiting professor at Fermentation Technology and Bioengineering CFTRI, Mysore, in the Biotechnology associate ship programme. May-Nov 1990. he spent 3 months at NCSU, Raleigh, N.C., USA, another 3 months at UM.C.. USA, and Indian Secondment Visiting Professorship for one semester 1996-97 at School of Environment Resource Development, Asian Institute of Technology. Bangkok Thailand. He has Coordinated two I.S.TE. sponsored Winter Summer Schools a) Fluidization Engineering 1980 b) Bioconversion process optimization computer modeling-1989 and two refresher courses to working professionals a) Application of Chem. Eng. principles to Urea plant operators of MCF, Panambur 1993 and b) Unit operations for design, production and maintenance personnel in cement and mineral based industries October 20-25, 2008. He guided four theses for Ph.D. a) Biosynthesis of Cellulase enzyme and Modeling, 1994. b) Bioremediation of industrial and domestic effluents by microorganisms 1999. c) Studies on biodegradation of high BOD effluent by anaerobic digestion and modeling 2001. d) Study of Coagulation flocculation Process by polyelectrolytes for effective solid-liquid separation in water and wastewater treatment 2005. In addition he has guided over 20 M. Tech, theses. His areas of specialization are: Chemical plant design, Chemical reaction engineering, Enzyme synthesis, Bioremediation, Biosynthesis and Bioconversion, Simulation & Computer Modeling. Application of Science and Technology to Rural areas for utilization of Agro wastes, Environmental Impact Assessment, Environment Management Planning. He published about 15 technical papers in International and national journals and seminars/symposia. He delivered number of invited lectures. He was a chairman and/ or member of several academic bodies of different Universities-Mysore, Bangalore, Mangalore, Osmania, Kuvempu etc. Dr.

D.V. Ramana Rao

Dr. D.V. Ramana Rao received his B.SC. (Hons) and M.Sc. in Chemical Technology from Andhra University and Ph.D. in Chemical Engineering from Indian Institute of Technology, Madras in 1970. He worked as a Research Associate, as part of post doctoral work at DECHEMA- Institute, Frankfurt, Germany in the field of corrosion for two years. Before joining Ph.D., he worked in Andhra University, I.I.T., Kanpur, and in the Chemical Engineering Department of National Sugar Institute as a lecturer. After from Germany, he joined as a Scientist at senior level in National Council for Cement and Building Materials (NCB), [formerly known as Cement Research Institute of India], New Delhi and retired as Joint Director, after working for 26 years. After retiring from NCB, he worked as Professor & Head of Chemical Engineering Department of BVRIT, Hyderabad and IS Sadan College of Engg and Technology. Hyderabad (present Boji Reddy College of Engineering) nearly for 2 years. At present he is the Managing partner of Institute of Particulate Technology International (IPT) from June 2004, which carries sponsored research work, training programmes for working personnel in Industry and Consultancy. He has authored 21 research papers, published in international, national journals and international seminars. He has to his credit 2 patents. He has prepared 15 technical reports of R&D work and coordinated more than 30 training programmes and 4 workshops to working personnel in cement manufacturing industries. At present as a managing partner of IPTI, he has carried out 7sponsored projects and two training programmes to working personnel in cement and pharmaceutical Industry.



Environmental Science

Author :	Subrat Roy
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Condition Type :	New
Country Origin :	India

Product Description

“Environmental Science” is an audit course for the first year Diploma program in Engineering & Technology. Syllabus of this book is strictly aligned as per model curriculum of AICTE, and academic content is amalgamated with the concept of outcome-based education.

Book covers four units- Ecosystem, Air and Noise Pollution, Renewable Sources of Energy and Solid waste management, ISO 14000 & Environmental Management, Every unit contains as set of exercise at the end of each unit to test the student’s comprehension.

Some salient features of the book:

1. Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes.
2. Book provides lots of recent information, interesting facts, QR Code for E-resources, QR Code for use of ICT, projects, group discussion etc.
3. Student and teacher centric subject materials included in book with balanced and chronological manner.
4. Figures and tables are insert to improve clarity of the topics.
5. Objective questions, Short questions and long answer exercise given for practice of students after every unit.

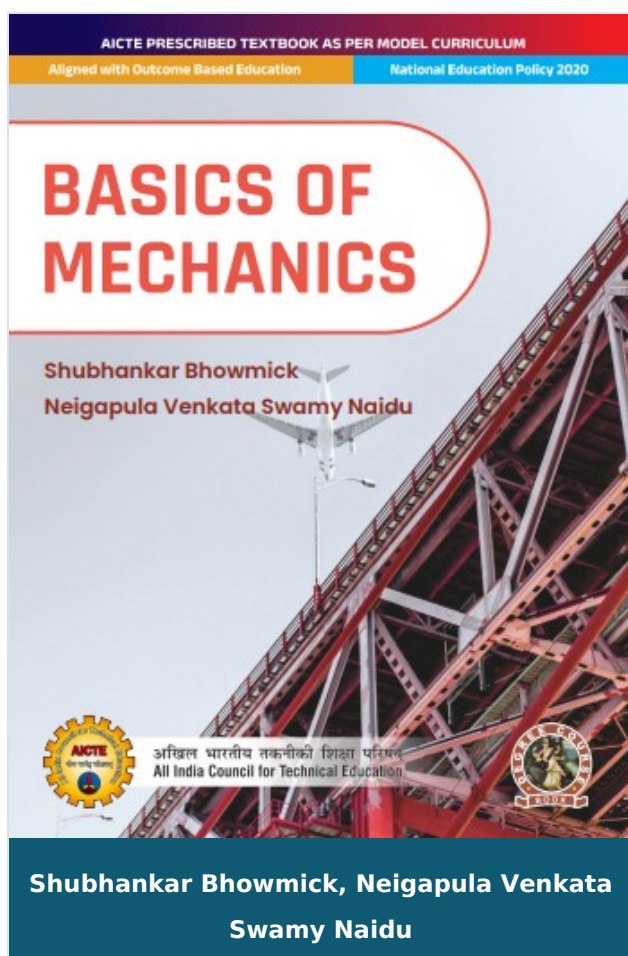
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- Air and Noise pollution
- Renewable sources of Energy
- Soil waste Management, ISO 14000& Environmental management.
- Important Day Related to Environment
- CO and Po Attainment Table
- Index.

Author

Subrat Roy

Subrat Roy



Basics of Mechanics

Author :	Shubhankar Bhowmick, Neigapula Venkata Swamy Naidu
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Publisher :	Khanna Publishing House
M.R.P :	Rs 480.00
Categories :	AICTE Prescribed Textbooks, English Books, Book Store
Condition Type :	New
Country Origin :	India

Product Description

Basics of Mechanics

“Basics of Mechanics” is a fundamental subject for UG Civil and Mechanical Engineering students, designed to build logical, analytical, and problem-solving skills essential for tackling Mechanics problems. This book presents fundamental concepts in a clear and accessible manner, enriched with numerous figures and visual aids. It thoroughly explains the core principles and includes leading examples that smoothly transition to advanced theories. The main focus is on applying engineering structures to solve real-world engineering challenges. Supplementary information provided to ignite the young minds and motivate in a systematic way.

Salient features:

- Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes.
- In the beginning of each unit learning outcomes are listed to make the student understand what is expected out of him/her after completing that unit.
- Book provides lots of recent information, interesting facts, QR Code for E-resources, practical applications etc.
- Student and teacher centric subject materials included in book with balanced and chronological manner.
- Figures, and tables are inserted to improve clarity of the topics.
- Apart from essential information, a ‘Know More’ section is also provided in each unit to extend the learning beyond syllabus.
- Short questions, objective questions and long answer exercises are given for practice of students at the end of every chapter.

- Numerous solved and unsolved problems including numerical examples are demonstrated with systematic steps.

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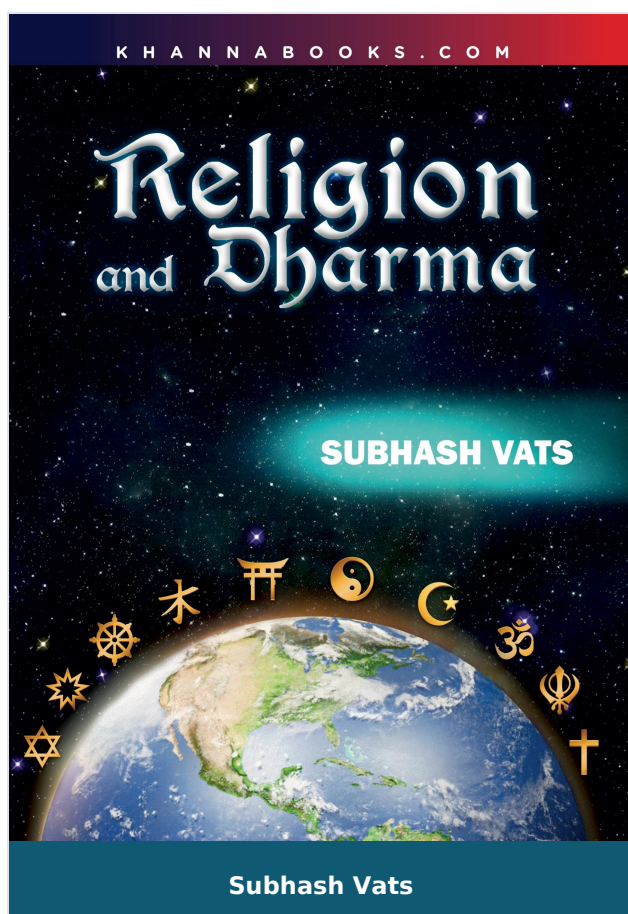
Author

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Dr.

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Dr. Neigapula Venkata Swamy Naidu Professor, Department of Mechanical Engineering,
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Religion and Dharma

Author :	Subhash Vats
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Publisher :	Khanna Publishing House
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Categories :	New Arrivals, Book Store, Education & Knowledge Systems
Condition Type :	New
Country Origin :	India

Product Description

Sanatan philosophy and Abrahamic religions- When Britishers came to India they tried to show the supremacy of their legacy. An Aryan Invasion theory was manufactured and imposed by them. They tried to establish that these Aryan were the Europeans and the Aryan race was superior to the native Indians. Britishers under the garb of the same legacy tried to explore their legacy on behalf of European society. This book starts with the prevalent contemporary religions in the modern world. Then it explains theism and atheism, Sanatan philosophy and its offshoots in the form of Buddhism, Jainism and Sikhism. What are the basics of Sanatan philosophy? Vedas and Upanishads from where the Sanatan philosophy originates and takes its principles and tenets. Metaphysics of the religion, how the religions in the modern world are being analyzed. Basic principles of the different religions in the modern world and their sub branches. How Abrahamic religions Christianity and Islam affected the Sanatan Dharma. How the invaders forced their religions and the Britishers who came to trade in India and then spread Christianity especially in the North Eastern states. The active and passive role of Indian politicians, in the spread of Christianity in India. How Sanatan Dharma society remained at the receiving end due to the barbaric culture of Islam in medieval period of history? The tyrants of Islam tried to subdue the Indian Sanatan philosophy by evaporating the Indian tenets and dogmas with their sword culture. Even then the native Indians faced the barbarism of Islam and Christianity, and did not surrender, to save their identity. In the modern world how a woke culture is destroying the societies and the liberal approach in the society has come to fore. Wokeism which started in Europe, reached to America and now at the door steps of India. This Woke culture is supporting the LGBTQ society and our youth are rebelling against our culture ethos.

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- Comparative study of Sanatan Philosophy with other Religions Including the Abrahamic Religions.
- Philosophy of Abrahamic Religions Including Christianity, Islam and Judaism.
- Metaphysical Issues in the Philosophy of Religion.
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- Judaism.
- Zoroastrianism.
- Minor Religions.
- Wokeism.
- Ex-Muslism.
- Religion and Dharma in the Modern Era.
- Religions Conversation and Proselytization.
- Conversion of Hindus.
- LGBT Culture in India.

Author

Subhash Vats

Subhash Vats is a retired Delhi Police officer who served with distinction as an Assistant Commissioner of Police. Hailing from a rural background in Uttar Pradesh, he began his journey in Delhi and dedicated his career to various operational roles across different districts and units of the Delhi Police. His exemplary service earned him the Police Medal for Gallantry in 2007, along with over a hundred commendation certificates and appreciation letters from the Commissioner of Police, Delhi. In addition to his law enforcement career, he obtained a law degree from Delhi University, further enhancing his understanding of justice and governance. Beyond Policing, he has a deep passion for ancient Indian history and cultural values. An avid writer, he has contributed on religious and spiritual themes to various magazines and local publications. His writings reflect his profound insights into Indian's rich traditions, philosophy, and way of life. Through his work, he continues to explore and share the timeless wisdom of Indian heritage.