

POWER PLANT ENGINEERING

About the Book

Power Plant Engineering is a comprehensive textbook meant for students of BE/B.Tech (Mechanical Engineering, Mechanical & Automation Engineering, Electrical Engineering, Electrical & Electronics Engineering). This book is also useful for students preparing for AMIE, GATE, UPSC (engineering services).

The book covers complete syllabus prescribed by AICTE model curriculum 2018, various universities, institutes, NITs etc. It contains large number of solved numerical problems, diagrams, tables etc., for easy comprehension. Various pedagogical features such as chapter summary, list of formulae, essay type questions, numerical problems and short answer type questions are provided for practice and understanding. A multiple choice question bank is also provided at the end of the book to prepare for competitive exams. It covers syllabus of subjects viz. power station practice, electrical power generation, energy sources, energy technology etc. It is written by a power generation engineer turned academicians and complete matter is class tested.

About the Author



Prof. (Dr.) Tanmoy Deb graduated in electrical engineering from NIT, Surat with distinction and gold medal. He did M.Tech (Power Systems & Drives), M.Tech (Control & Instrumentation), MBA and M.Phil (Management). He was awarded Ph.D. in electrical engineering by Jamia Millia Islamia (central university). He has authored 4 textbooks and 15 research publications. He is member of 12 professional societies and was honorary secretary (Delhi chapter) of Indian Institution of Industrial Engineers for two consecutive terms (2006-07 & 2007-08). He has 32 years of experience in academics and industry. He was awarded silver medal in Whirlpool of India by Managing Director (south east Asia). His industrial stint includes 18 years in Tata and multinational companies in power generation.

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Prof. (Dr.) Tanmoy Deb



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(Electrical Power Generation, Power Station Practice)



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