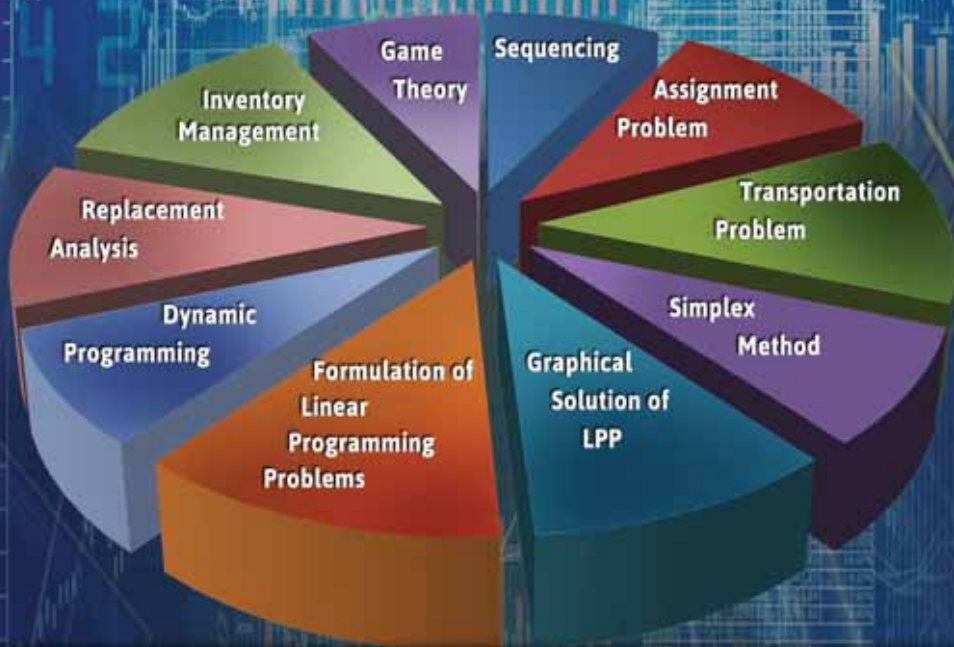


Operations Research

Theory and Practice

N.V.S. Raju



BS Publications

Operations Research: Theory & Practice

N.V.S. Raju

2017 **9789352301904** **658 pp** **PB** **₹ 495.00**

This book 'Operations Research: Theory and Practice' provides various concepts theoretical and practical knowledge and develops the techno-managerial skills in the field of engineering. All the angles and approaches of operations of day-to-day tasks are presented which are applicable to both industrial and institutional needs. The concepts are presented and discussed sufficiently from fundamentals to advancements to benefit the Under Graduate and Post Graduate students of Indian and Foreign universities. It aims at providing an insight into various Operations Research fields and awareness of history developments. Numerical problems and day to day examples and usual situations that occur in industries are presented wherever necessary. Altogether, it covers the 'Operations' and 'Research' of 'Operations Research'.

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About the Author

Dr. N.V.S.Raju is a BE distinction graduate in Mechanical Engineering from OU, Hyderabad. Later, he acquired PG Dip in IRPM from OU, M.Tech. (PEM) from JNTU Hyderabad and M.B.A (Marketing) from BRAOU, Hyderabad. He is associated with professional bodies as MISTE, MORSI and MIPE. He has been awarded Ph.D. in the year 2005 in Mechanical Engineering (with specialization in Reliability Centered Maintenance) from OU, Hyderabad under Dr. K.Narayana Rao, former Member Secretary, AICTE, and former Prof. & Head Dept. of Mechanical Engg. OU, Hyderabad. He has served in industry also for more than 9 years in various capacities up to Deputy Manager Level in Planning, Production, Maintenance of Hyderabad Allwyn Ltd, Watch Division, and gained practical experience too. Dr. Raju presently serving the student community as Professor of Mechanical Engineering and Vice Principal of JNTUH College of Engineering, Jagtial, Nachupally (Kondagattu), Kodimial Mandal, Karimnagar.

Sixteen books have come from his pen earlier with the titles, Operations Research (OR), Mathematical Modeling & Simulation (MMS), Quantitative Analysis for Business Decisions (QABD) and Instrumentation & Control Systems (ICS) from SMS Education/Hi Tech Publishers, Plant Maintenance and Reliability Engineering, Total Quality Management, Industrial Engg & Management from Cengage Learning India and Optimization Methods for Engineers from PHI Learning India. He has also authored a course in Operations Research for Andhra University (AP), courses in Productivity Management, Plant Engg & Management, Condition Monitoring and Maintenance Management, Industrial Engg & Systems for B.Tech. Mechanical (Manufacturing & Management) of Indira Gandhi National Open University (IGNOU), New Delhi.

He has several publications (more than 50) in various National and International Journals and Conferences to his credit and has been enthusiastic supervisor for several research projects in UG, PG and Ph.D. levels. A project guided by him has bagged a Silver Medal in National level competition in the year 1999 conducted at New Delhi by Institute of Engineers (India) and ISTE. He is the recipient of Shiksha Rattan Puraskar, Bharath Jyothi, Glory of India Gold Medal, Best Citizen of India award, and Vishista Seva Puraskar. His paper on 'Make in India' has won Gold medal at 57th National Convention & 3rd International Conference (2015) conducted jointly by IIIE and SV NIT-Surath, Gujarat, India.

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