

Faculty Profile

Name: **A K Rao**
Designation: Adjunct Professor
Teaching Areas: Operations and IT
Research Interests: Operations Management
Education: Ph.D., Case Western Reserve University, USA, 1972
M.S, Case Western Reserve University, USA, 1970
Two-year Professional Statisticians' Training Course,
Indian Statistical Institute, Kolkata, India, 1959
B.A. (Hons) and M.A., Andhra University, Waltair, 1957



Professional Experience (40 Years)

1. Since 2004: Icfai Institute of Management Teachers, Hyderabad
2. 1997-2004: Director, SDM Institute for Management Development, Mysore
3. 1973-1997: Professor, Indian Institute of Management, Bangalore
4. 1970-1973: Assistant Professor, California State University, San Diego, USA

Research/Selected Publications

1. AK., Rao, Jighyasu Gaur, Mehdi Amini, "Closed-Loop Supply Chain Configuration for New and Reconditioned Products: An Integrated Optimization Model", *Omega*, Volume 66, Part B, January 2017, Pages 212-223.
2. AK., Rao., and Atanu Adhikari "Technology Inclination-based Segments of India Consumers", *Journal of Creative Communications*, Vol. 1, NO. 3, September-December 2006, Sage Publications India Pvt. Ltd.
3. AK., Rao, and Rao, MR., "Optimization in Media Planning: Development of a Model", *Management and Change*, 5, 2001, pp 137-155.
4. AK., Rao, and Rao, MR., "Solution Procedures for Sizing of Warehouses", *European Journal of Operations Research*, (108:1), 1998, pp 16-25.
5. AK., Rao, T.A.S. Vijayaraghavan and K.M. Anataramiah., "Determining Optimal Headways in City Bus Operations-A Mathematical Programming Approach", *Indian Journal of Transport Management*, Vol 18, No. 3, March 1994.
6. AK., Rao., "Diagnoses: Government Silk Filature, Chikkahalli-Optimal Production Plan Required", *VIKALPA, Journal of Decision Makers*, Vol. 17, No. 1, Jan-Mar 1992.
7. AK., Rao, and VB., Kaujalgi., "Location and Distribution of Fertiliser", *IIMB Management Review*, Vol. 4, No. 1, 1989.
8. AK., Rao, VB., Kaujalgi., and T.A.S. Vijayaraghavan., "Time Tabling and Scheduling of a City Transport System", *IIMB Management Review*, Vol. 4, No. 1, 1989.
9. AK., Rao, and with Co-Author, "Implementation of Management Science Methodology in Public Systems: Distribution of Cement in India", Published in '*Studies in Management Sciences: Planning Processes in Developing Countries: Techniques and Achievements*', North Holland Publishing Company, 1982.
10. AK., Rao, "Application of Decision Trees in Purchasing", *Journal of Purchase*, June 1979.
11. AK., Rao, "On Linear Complementarity Problem", *Management Science*, (22:4), 1975, pp 427-429.
12. AK., Rao, and Reisman, A., "Stochastic Cash Flow Formulae under Conditions of Inflation", *Engineering Economist*, (18:1), 1971, pp 49-69.