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Biographical Note of the Luminary in an Area of IS

Kripa Shanker

Kripa Shanker obtained his B.Sc.Engg. (Mechanical) from Banaras Hindu University, M.Tech. in Mechanical Engineering from IIT Kanpur; and M.S and Ph.D. in Operations Research and Industrial Engineering from Cornell.

His main areas of teaching and research include production/operations management, supply chain and logistical management, quantitative and statistical decision models, computer integrated/flexible manufacturing systems, cellular manufacturing, and simulation.

He joined IIT Kanpur as a faculty member in the Industrial and Management Engineering Department in 1978 where he has been serving as a Professor since 1987. He had been a visiting Professor at the Asian Institute of Technology from 1982-84, and again from 1998-2000. He has also taught at Cornell, AITCV Hanoi, Vietnam; and Mazandran University, Iran.

He has supervised over 120 Masters and 9 Doctoral theses. He has published seventy papers in international journals and conference proceedings. He has been associated with more than a dozen sponsored projects in the field of CAM, CIMS and FMS from various sponsoring agencies. He has organized several continuing education courses for engineering college teachers, and engineers and managers from industry on the topics of inventory control, quality and reliability, DSS, CIMS, FMS and IMS.

He has received several scholastic awards and prizes for his studentship and also for his professional accomplishments. He is a recipient of Gold Medal for standing first in Mechanical Engineering at BHU. He has also been recipient of National Merit Scholarship and Government of India Scholarship for Studies Abroad. He has been awarded ISTE National Award for Outstanding Academic, 2001, and Distinguished Alumnus Award from BHU in 2007.

He is affiliated with many professional bodies which include Operations Research Society of America, Operations Research Society of India, Institute of Industrial Engineers (IIE) (Sr. Member), Fellow of Indian National Academy Engineering, Institution of Engineers, India Fellow (Life Member), Indian Institution of Industrial Engineering, Indian Society for Technical Education (Life Member). He is reviewer of several international journals in the areas of FMS, CIMS, and production and operations management.

During the last 30 years at IIT/K as a faculty, he has held various positions like founder and Head for several years of Data Processing Cell (now Office Automation), Warden, Head of Department, Head Counselling Service, Dean of Students Affairs etc. At the national level, his participations include as Member, CII National Committee on Technical Education and Training, Chairman, Institution of Engineers (India) Kanpur Local Centre, Member, AICTE National Broad of Accreditation, Board of Management Studies, member of Board of Governors of several institutions including NITs, Chairman Board of Apprentice and Training (Northern Region), He has represented various bodies of the Government of India at several international fora.

His major professional/administrative achievements with national impact include his initiating at IIT Kanpur, teaching and research in the field of computer integrated/flexible manufacturing systems (CIM and FMS), Supply chain and logistical management, Data-Processing Centre (now office automation) and starting a 2-year MBA programme.

He has been the Deputy Director of IIT Kanpur for the two consecutive terms (2002-08).

