

About the Authors

Kai Hwang is a Professor of Electrical Engineering and Computer Science at the University of Southern California. Prior to joining USC, he was a faculty at Purdue University for 10 years. He received his undergraduate education at the National Taiwan University in China and earned his PhD degree from the University of California at Berkeley. Dr Hwang has been engaged in research and teaching on computer architecture, parallel processing and network-based computing for well over 30 years. He has authored or coauthored five books and 120 journal and conference papers in the Computer Science and Engineering areas. He is the founding Coeditor-in-Chief of the *Journal of Parallel and Distributed Computing*.

He has served as the founding Director of the USC Computer Research Institute and a Distinguished Visitor of the IEEE Computer Society. He has chaired several international computer conferences and lectured worldwide on advanced computer topics. His researches have been supported by NSF, IBM, AT&T, AFOSR, ONR, DOT, Alliant, and Intel. He has been a consultant for IBM, JPL, Fujitsu, Japan's ETL, GMD in Germany, and ITRI and Academia Sinica in China. He is also a member of the advisory boards of several international journals and research organizations.

The Institute of Electrical and Electronics Engineers elected him as an IEEE Fellow in 1986 for his contributions in computer architectures, digital arithmetic, and parallel processing. He was the holder of the Distinguished CDC Visiting Chair Professorship in Computer Science at the University of Minnesota during the spring quarter of 1989. He has guided over a dozen PhD students at Purdue and USC. At present, he heads a sponsored research project on Grid Security at USC. His current research interests are in the areas of network-based computing, Internet security, and clustered systems. Over the years, he has received numerous awards for outstanding teaching and research, and delivered invited and keynote lectures in many countries.

Naresh Jotwani is presently serving as Director, School of Solar Energy, Pandit Deendayal Petroleum University, Gandhinagar. Earlier, he has served as Professor and Dean (R&D) at DA-IICT, Gandhinagar, and as Principal at G H Patel College of Engineering and Technology, Vallabh Vidyanagar.

Dr Jotwani obtained his BTech degree in Electrical Engineering from IIT Bombay, and Doctorate in Computer Science from Rice University, Houston. His teaching career has spanned over twenty-five years, in India, Singapore and the US. He has also worked in the IT industry for about five years, in India and Singapore, with brief stints in the US. In the early 1980's, he worked on system software development for a 64-bit multiprocessor system with microcoded instructions for inter-process communication.

Dr Jotwani has carried out several consultancy assignments, written four books and several research publications, and delivered numerous invited lectures. His textbook *Computer System Organisation* was published by Tata McGraw-Hill. His current research interests are in the field of solar photovoltaic devices.