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D. Janakiram is currently Professor at the Department of Computer Science and Engineering, Indian Institute of Technology (IIT), Madras, where he heads and coordinates the research activities of the Software Systems Lab and Distributed Systems Lab.

He is Founder of the Forum for Promotion of Object Technology, which conducts the National Conference on Object Oriented Technology (NCOOT) and Software Design and Architecture (SoDA) workshop annually. He is also principal investigator for a number of projects including the grid computing project at the Department of Science and Technology, Linux redesign project at the Department of Information Technology, and Middleware Design for Wireless Sensor Networks at the Honeywell Research Labs, Indo-German Project on Mobile Telemedicine Grid, Indo-Italian Project on Peer-Peer Semantic Search and Xerox Project on device grids and cloud. He is Program Chair for the 8th International Conference on Management of Data (COMAD).

He has guided 10 Ph.D, 32 M.S (Research), 50 M.Tech and 31 B.Tech students. He has published over 100 international journal papers and international conference papers and has edited 5 books. He has given several invited and keynote talks at national and international conferences on grid computing. His book on grid computing is published by Tata McGraw-Hill Education.

He is on a number of Academic boards of Universities including JNTU, Kakinada, Andhra University, SV University, Anna University, JNTU Hyderabad, Cochin University of Science and Technology. He received the IBM Faculty Award and Yahoo Faculty Grant. He also received the Boystcast Fellowship from DST. He has given several key note talks both at International and National Conferences and served on the programme committees of several International Conferences.

Professor Janakiram has taught courses on distributed systems, software engineering, object-oriented software development, operating systems, and programming languages at graduate and undergraduate levels at IIT, Madras. He is a consulting engineer in the area of software architecture and design for various organizations. His research interests include distributed and grid computing, object technology, software engineering, distributed mobile systems and wireless sensor networks and distributed and object databases. He is a member of IEEE, the IEEE Computer Society, the ACM, and is a life member of the Computer Society of India. He is currently the CSI SIG Chair Distributed Systems.