



Dharanipragada Janakiram did his Ph.D from Indian Institute of Technology Delhi and is currently Professor in the Department of Computer Science and Engineering, Indian Institute of Technology Madras, India, where he heads and coordinates the research activities of the Distributed and Object Systems Lab.

His current research focus is on building large scale software systems focusing on distributed systems especially Cloud and Grid Computing Systems and Challenges in Big Data Processing. He is currently the SIG Chair of Distributed Computing of Computer Society of India; founder of the Forum for Promotion of Object Technology in India; founding Chair of ACM Chennai Chapter; associate editor of IEEE Transactions on Cloud Computing; editor of CSI Journal of Computing and also Executive Council Member of Cloud Innovation Council. He is fellow of Computer Society of India.

Professor Janakiram was awarded the Boyscast Fellowship in 1997. He was also awarded the IBM Faculty Award in 2007 and Yahoo Faculty Grant in 2009. He guided 14 PhD fellows, over 36 MS (Research) fellows, and 70 MTech fellows. He is the Board of Studies Member in JNTU, Hyderabad; JNTU, Kakinada; Andhara University; SV University; Cochin University; VIT University and Anna University. He has authored over one hundred and fifty research papers and is the editor of six books. His books on *Grid Computing* (2005) and *Building Large Scale Software Systems* (2013) have been published by McGraw Hill Education, India.

He is the Principal Investigator for a number of projects which include the MobiTel: Mobile Telemedicine for Rural India; Peer-to-peer Concept Search (Indo-Italian Collaborative project); Service Oriented Architecture for Linux Kernel (DIT) and Cloud Bursting Architecture for Document Workflow (Xerox). He is currently incubating two companies in the Cloud Computing space. The Minimalistic Object Oriented Linux (MOOL) developed by him along with his students in DOS Lab is being distributed by CDAC as part of the Bharat Operating System and Solutions (BOSS). BOSS MOOL has the unique distinction of supporting C++ device drivers for Linux and it also supports a number of Indian Language drivers written in C++ to support the Indian Language fonts at console level.