

**Title of the book**

Computer System Architecture

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**About the Book**

This Book with the title 'Computer System Architecture' covers the Computer System Architecture. The six chapters'of this book was written in an easily digestible and reproducible format with required information. An effort has been made to present the book in this form and if it proves helpful to the students, we shall consider my effort has been amply rewarded.

# Cover Page



Dr.K Vijetha received her B.Tech and M.Tech degree in Electronic and Communication Engineering from Jawaharlal Nehru Technology University, Andhra Pradesh, India, in 2007 and 2010. She received Doctorate degree from Osmania University in 2023. She is working as assistant professor in Electronics and Communication Engineering Department of Maitrivi Engineering College, Hyderabad, Telangana, from November 2012 to till date. Her research interest includes VLSI Signal Processing and Embedded Systems.

Dr. S. Murali Mohan finished his Ph.D. in VLSI and image processing at SVU University as well as his B.Tech. and M.Tech. programmes in the Department of Electronics and Communication Engineering. Currently employed as a Professor at Mother Theresa Institute of Engineering and Technology in Palamuru, India, with the 19 years of overall experience. In addition to presenting 16 papers at national and international conferences, he has published 27 papers in various international research publications. He has attended 37 National and International workshops and also completed 13 Academic/ Coursera/Administrative Courses. He is reviewer for 04 International journals and 02 International conferences. He has Professional Memberships for 10 bodies. He has YouTube channel: smm – ipvtst (88 videos). He has grants and patents in his account and handled key roles like Coordinator for NAAC, IOAC, NBA, AICTE-IIPC, Member in BoS and GoB. He has received Best Teacher Award, Adarsh Vdya Saraswathi Rashtriya Puraskar, Outstanding Faculty in Engineering Award Certification of Recognition from Texas Instruments under Texas Instruments India University Program for 2017-18 & 2018-19. Faculty mentor in DST & Texas Instruments India Innovation Challenge Design Contest 2019 powered by AICTE and anchored by NSRCEL and IIMB.



Dr.M.Sangeetha, Assistant professor, SRMMadurai college for engineering and technology, Madurai, did UG under Anna University in the year of 2009 and I did PG under Anna University in the year of 2011. I did PhD in Vissavsaraya Technological University, Belgaum in the year of 2021. Totally I published 12 Scopus indexed journal and 2 IEEE conference papers, 3 Indian patents, I organized 5 webinars and 2 national level technical symposium.

Dr. Shaik Jaffar Hussain, who has a B.Tech. (CSIT), M.Tech. (CSE), and PhD, is an academician and software engineer. His excellency Doctorates in CSE, Implementation of quantum cryptography algorithms for banking security and enhancing cloud network security using millitons architecture and programming. He worked for reputed educational institutions and MNC companies. He worked as a Tech lead at Cognizant Technologies. He worked with different technologies like Microsoft SCCM, Azure, Snowflake, and Manage Engine Desktop Central. He is the mentor at Freedom Employability Academy. He was a GoC jury member at Cognizant Technologies. He is TESOL/TEFL certified. He has written and published more than 20 articles in many reputed national and international journals and book chapters. He has received numerous awards from various organizations and associations that acknowledge his credentials. He obtained many certifications from Microsoft, IBM, and Zoho. He gave many lectures at the Institute of Engineers. He is an active member of the International Association of Engineers. He is a man of knowledge in various disciplines, a critical thinker, a problem solver, and a good communicator. Recently, he visited Kowalt to provide training for I.M.T. AI-Chatting Company in all possible ways, he has contributed to shaping and igniting student life and society through his learning and work experiences.



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