



Dr. John Jose
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SHORT PROFILE

Dr. John Jose is an Associate Professor in Department of Computer Science & Engineering, Indian Institute of Technology Guwahati, where he joined as an Assistant Professor in 2015. He completed his Ph.D degree from Indian Institute of Technology Madras in the field of computer architecture. He was a rank holder in M.Tech degree from Vellore Institute of Technology (VIT University). He did his B.Tech degree from Cochin University, Kerala. He is the recipient of the prestigious Qualcomm Faculty Award 2021 and COMSYS Young Achiever Award 2024 for his teaching, research and outreach education contributions in the field of computing systems. Since 2022, he is serving as the Vice-Chair of IEEE India Council. His research group in Multicore Architecture and Systems Lab at IIT Guwahati explores the domain of on-chip communication and memory management techniques for large multicore systems, IoT/embedded system security, hardware accelerators for AI and ML applications, disaggregated storage systems and communication support for future quantum cores. He is one among the six faculty selected nationally as instructor for Computer Architecture in Certificate Program for Faculty in CS Education supported by ACM India.

He is the investigator for several R&D projects under DST and MeitY. He is associated with many national pilot projects like NPTEL-MOOCs, SPARC, GIAN, TEQIP etc. He has also served as the associate editor for IEEE-Embedded System Letter Journal from 2022 to 2024. He has over 60 IEEE & ACM peer reviewed conference publications, over 25 ACM & IEEE transactions papers as well as Springer and Elsevier journal papers to his credit. He is a reviewer for many national and international peer reviewed journals and member of technical program committee and organizing committee for many IEEE/ACM national and international conferences. He has active academic research collaboration with University of Catania, Italy, University of Florida, USA, University of Essex, UK, Federal University Naples, Italy and Qualcomm India. He has offered three popular NPTEL Online Certification courses in Computer Architecture. Besides being a researcher and a teacher, he is passionate about spreading awareness about science and developing a scientific temper amongst young students. He is also serving as Board of Studies members to various universities and autonomous colleges.