Category No.2: C-DAC, Bangalore, Project Manager –VLSI Design

Post:	Project Manager – VLSI Design
Post Code:	PM- 01/VLSI
No. of Post	1
Duration of the position	Three Years
Educational Qualification	• Full time 1st Class B.E/ B. Tech in Electronics & Communication / Telecommunication / Electronics or Equivalent with at least 11 years of relevant post qualification work experience. **OR** • Full time 1st Class M.E/ M. Tech in VLSI Design / Microelectronics/ Electronics or Equivalent with at least 7 years of relevant post qualification work experience. **OR** • Ph.D in VLSI Design / Microelectronics / Electronics with at least 4 years of post-qualification work experience
Mandatory Experience (in one or more topics)	• Hand-on experience in RTL simulation, verification and modeling using VHDL/ Verilog/ System Verilog. • Knowledge of Digital IC Design (Simulation/ Synthesis [ASIC/ FPGA])/ Static Timing Analysis/ Logic Equivalence Check/ Back-Annotation/ DFT). • Experience in prototyping the developed IP cores on FPGAs. • Hand-on experience in FPGA/ASIC Design tool sets. • IP core design for Arithmetic Units, Bus protocols, Memory Controllers and SoC design. • PCIe, DDR3/4, 1G and 10G Ethernet based design experience. • Microblaze, PPC or ARM SoC etc. based FPGA design projects • Coordinated teams for the execution of FPGA/ASIC projects • Skilled to develop a detailed project plan to monitor and track progress • Experience in Physical Design handling Netlist to GDSII flow. • Experience in ASIC Synthesis, Floor Planning, Placement Optimizations, CTS, Routing and Timing Closure of Full-Chip designs. • High Speed Serial Link design / simulation • Power and Interconnect network integrity and validation
Other Skills and Qualities	• Basic knowledge of scripting languages is desirable. • Good debugging, problem solving / analytical skills. • Good interpersonal skills and ability to handle teams.
Mode of selection	Interview
Monthly Consolidated salary	Rs 64000 plus based on the post qualification relevant experience
Maximum Age	40 Years