

**Category No. 2: C-DAC, Bengaluru, Project Engineer –VLSI Design (Physical Design)**

Post:	Project Engineer – VLSI Design (Physical Design)
Post Code:	PE - 02/PD
No. of Posts	2
Duration of the position	Two Years – Extendable based on performance and availability of projects
Educational Qualification	<ul style="list-style-type: none"><li>• Full time 1<sup>st</sup> Class B.E/B. Tech in Electronics &amp; Communication/ Telecommunication/Electronics or equivalent with 1 to 3 years of relevant post qualification work experience (Candidates who have passed out UG in the year 2014 or later are ONLY eligible to apply)</li></ul> <p style="text-align: center;"><b>OR</b></p> <ul style="list-style-type: none"><li>• Full time 1<sup>st</sup> Class B.E/B. Tech in Electronics &amp; Communication/ Telecommunication/Electronics or equivalent (Candidates who have passed out UG in the year 2013 or later are ONLY eligible to apply)</li><li>• Full time 1<sup>st</sup> class M.E./M. Tech in Micro-Electronics/VLSI Design/Electronics or equivalent plus at least 1 year of relevant post qualification work experience (Candidates who have passed out PG in the year 2015 or later are ONLY eligible to apply)</li></ul>
Mandatory Experience (in one or more topics)	<ul style="list-style-type: none"><li>• Experience in Physical Design handling Netlist to GDSII flow</li><li>• Experience in ASIC Synthesis, Floor Planning, Placement Optimizations, CTS, Routing and Timing Closure of Full-Chip designs</li><li>• Experience in physical verification (DRC/LVS/ERC) checks and reliability checks</li><li>• Hands-on-experience in Electronic CAD tools for layout design and physical verification</li><li>• Basic understanding of VLSI process, Electron Device Characteristics, IC Fabrication Technologies and IC packaging</li><li>• Good understanding of timing, power and area tradeoffs in design</li></ul>
Other Skills and Qualities	<ul style="list-style-type: none"><li>• Basic knowledge of scripting languages is desirable</li><li>• Good debugging, problem solving/analytical skills</li><li>• Good interpersonal skills and ability to work in a team</li></ul>
Mode of selection	Written Test and Interview
Monthly Consolidated salary	Rs. 31,000 /- onwards based on the post qualification relevant experience
Maximum Age	30 years