

Centre for Development of Advanced Computing (C-DAC) – A Scientific Society of the Ministry of Communications & Information Technology, Govt. of India, is looking for brilliant R&D Engineers with excellent academic records to work in the area of Free & Open Source Software (FOSS), Cloud Computing, Ubiquitous Computing, ICT Technologies for Smart buildings with Low Carbon Emission and HPC Power Optimization Projects. C-DAC provides conducive environment and ambiance for research and development with state-of-the art laboratories and computing facilities.

Post : Project Manager-I (No. of Posts : 2)	Post : Project Engineer-I (No. of Posts : 9)	Post : Project Engineer-I (Total No. of Posts : 14)
<p>Consolidated Pay : ₹ 64000/-</p> <p>Age : 40 years max. as on 1.12.2012</p> <p>Educational Qualification : a) First Class in B.E / B.Tech or equivalent degree in ECE/EEE/EIE/ICE/CSE/IT with atleast 11 years experience Or b) First Class in M.E / M.Tech or equivalent degree in ECE/EEE/EIE/ICE/CSE/IT with atleast 7 years experience Or c) Ph.D in ECE/EEE/EIE/ICE/CSE/IT with atleast 4 years experience</p> <p>Position Code : UBI-PM01</p> <p>Profile : a) Research and development in the area of wireless sensor networks/ middleware for ubiquitous computing / modeling and simulation of control systems Or b) Development of software for semantic web technologies/ networking/ control systems</p>	<p>Consolidated Pay : ₹ 31000/-</p> <p>Age : 30 years max. as on 1.12.2012</p> <p>Educational Qualification : a) First Class in B.E / B.Tech or equivalent degree in ECE/EEE/EIE/ICE/CSE/IT with atleast 1 year experience in the specialization areas listed below Or b) First Class in M.E / M.Tech or equivalent degree in ECE/EEE/EIE/ICE/CSE/IT</p> <p>Position Code : UBI-01</p> <p>Profile for PE-II & PE-I of position code UBI-02 & UBI-01 are given below: Control Instrumentation Design of control and Instrumentation systems, modeling and simulation, HVAC control, MATLAB/ Scilab, Embedded software development power measurements. Signal and Image Processing Image processing algorithms (surveillance, feature extraction algorithms and classification algorithms, object detection and tracking), knowledge of algorithms related to computer vision and image algorithms, Embedded software development. Communication Systems Wireless communication, Zigbee, Wi-Fi, PHY and MAC layer development, protocol development, GSM, CDMA, Wireless mesh network, Embedded software development Hardware Development Microprocessor Controller, DSP based system design, FPGA based design, Circuit design using analog and digital Ics, VHDL / VERILOG, Hardware software co-design, SOC, PCB design, signal Integrity analysis, power integrity analysis, EMI/EMC , design aspects / Verification, board bring up and testing. Software Engineering C, C++, Java, J2EE (JSP, RMI, CORBA), Struts frame work, spring framework Web2.0, OSGi, Web 2.0 technologies, Distributed OS, semantic web, Device drivers development. Biomedical Development of sensors and signal processing algorithms for measuring vital body parameters like ECG, EEG, EMG, EOG, pulse oximeter, Body fat analyzer</p>	<p>Consolidated Pay : ₹ 31000/-</p> <p>Age : 30 years max. as on 1.12.2012</p> <p>Educational Qualification : a) First Class in B.E./B.Tech/MCA or equivalent degree in Computer Science / IT/Electronics & Telecommunication OR b) First Class in M.E./M.Tech or equivalent degree in Computer Science / IT / Electronics & Telecommunication</p> <p>1. Position Code : CBSE-01(2 Posts), CBOS-01(2 Posts)& BSC-01(2 Posts) in Chennai and 2 Posts in Delhi)</p> <p>Profile : Proficient in C/Java programming/Knowledge of Linux Shell Scripting/Perl/PHP/Python/Networking. Preference will be given to candidates with atleast 1 year experience in the above areas.</p> <p>2. Position Code : CLOUD-01(No. of posts:4)</p> <p>Profile : Should be proficient in C language, Advance Java/JavaScript/Ajax/Spring/Grails Framework. Knowledge of Linux programming, Networking and socket programming. Knowledge of Data Structures and knowledge of Network and Data Security. Knowledge of Cloud Computing is desirable.</p> <p>3. Position Code : ANDROID-01(No. of posts:2)</p> <p>Profile : a) Experience in mobile application development with Android APIs and Frameworks. b) Strong understanding of major Android Design & Development paradigms spanning User Experience (native, HTML 5/Webkit), data ingestion, Web Analytics, web services (REST& JSON), etc. c) Strong in Concepts of Object-oriented design, data structures, algorithm design, problem solving, and complexity analysis d) Proficiency in, at least, one modern object-oriented language such as Java, C/C++, Swing, etc. e) Experience with XML, JSON and Web Services. f) Experience building complex Android Apps with exposure to UI, UX design principles. g) Good analytical & aptitude skills</p>
<p>Post : Project Engineer-II(Mechanical) (No. of Posts : 1)</p> <p>Consolidated Pay : ₹ 37000/-</p> <p>Age : 32 years max. as on 1.12.2012</p> <p>Educational Qualification : a) First Class in B.E / B.Tech or equivalent degree in Mechatronics/Mechanical with atleast 3 years experience Or b) First Class in M.E / M.Tech or equivalent degree in echatronics/Mechanical/Engineering Design with atleast 1 year experience Or c) Ph.D in Mechatronics/Mechanical/Engineering Design</p> <p>Position Code : UBI-02(Mech)</p> <p>Profile : CAD tools, Solid works, HVAC design, Thermal design, electronic packaging</p>	<p>Post : Project Engineer-II (No. of Posts :1)</p> <p>Consolidated Pay : ₹ 37000/-</p> <p>Age : 32 years max. as on 1.12.2012</p> <p>Educational Qualification : a) First Class in B.E./B.Tech/MCA or equivalent degree in Computer Science/Information Technology / Electronics & Telecommunication with 3 years R&D experience OR b) First Class in M.E./M.Tech or equivalent degree in computer Science/Information Technology/Electronics & Telecommunication with 1 year R&D experience in relevant discipline c) Ph.D in Computer Science / Information Technology / Electronics & Telecommunication.</p> <p>Position Code : CLOUD-02</p> <p>Profile : Provided technical leadership in the areas of Strong knowledge in C/Java programming, Experience in Linux shell Scripting/Perl/Python/PHP Experience in any one of the following areas Cloud Computing / Grid Computing /Parallel Computing/Web Services/Virtualization AND Experience in Network, host, data and/or application security in multiple operating system environments, IP networking, and networking protocols. Understanding of Security Concepts and technology (IDS/WAF, Encryption algorithms, PKI, digital certificate etc.) and Knowledge of OS level security implementation (SELINUX) & Access control models. Possessing security certifications - CISSP, CCNA, etc. would be an added advantage.</p>	
<p>Post : Project Engineer-II (No. of Posts : 6)</p> <p>Consolidated Pay : ₹ 37000/-</p> <p>Age : 32 years max. as on 1.12.2012</p> <p>Educational Qualification : a) First Class in B.E / B.Tech or equivalent degree in ECE/EEE/EIE/ICE/CSE/IT with atleast 3 years experience in the specialization areas listed below Or b) First Class in M.E / M.Tech or equivalent degree in ECE/EEE/EIE/ICE/CSE/IT with atleast 1 year experience in the specialization areas listed below Or c) Ph.D in ECE/CSE/ICE</p> <p>Position Code : UBI-02</p>		

Applicants working in Central/State Govt. or PSU or any Government Undertaking are required to forward the application through proper channel.

All the above posts are purely on Contract basis for a period of 2 years.

How to apply: Apply online <http://cdac.in/careers>

Applications without the mention of Position code will not be considered.

Last date of receipt of applications: 1st January 2013 by 5PM

For all the above posts at Project Manager-I and Project Engineer-II

1. Good experience in Project & People management
2. Must have handled large projects
3. Proven expertise in software engineering methodologies, CMMI/ISO standards
4. Post qualification work experience will only be considered for all posts.