**Advt No.4(6)/2015-HR Mohali**
**Last date for online Submission: 30 September 2015**

Centre for Development of Advanced Computing (C-DAC), is a Scientific Society of the Department of Information Technology under the Ministry of Communications and Information Technology, Government of India. C-DAC has today emerged as a premier R&D organization in ICT&E (Information, Communications Technologies and Electronics) in the country, working on strengthening national technological capabilities in the context of global developments in the field and responding to change in the market need in selected foundation areas. C-DAC represents a unique facet working in close junction with DeitY to implement nation's policy and pragmatic interventions and initiatives in Information Technology. As an institution for high-end Research and Development (R&D), C-DAC has been at the forefront of the Information, Communications Technologies and Electronics (ICT&E) revolution, constantly building capacities in emerging/enabling technologies and innovating and leveraging its expertise, caliber and skill sets to develop and deploy products and solutions for different sectors of the economy

C-DAC's areas of expertise range from R&D work in ICT&E Technologies to Product Development, IP Generation, Technology Transfer and Deployment of Solutions. Primary Thematic or Thrust Areas addressed by C-DAC are:

- High Performance Computing and Grid & Cloud Computing
- Multilingual Computing & Heritage Computing
- Professional Electronics,VLSI & Embedded Systems
- Software Technologies including FOSS
- Cyber Security & Cyber Forensics
- Health Informatics
- Education & Training

**C-DAC, Mohali** seeks applications from suitable and interested candidates for the following positions on contract basis, on consolidated Salary.

| Position | Project Engineer-I |
|---|---|
| Tentative No. of Positions & Reservation | 15 (Fifteen)  (SC-2, ST-1, OBC-3, UR-9) |
| Duration of the position | 2 Years |
| Monthly Consolidated Salary | ☐ 31,000/- |
| Maximum Age | 30 years, as on last date of receipt of applications |
| Educational Qualification | 1st Class B.E./B.Tech/MCA or equivalent degree in relevant discipline  OR<br>DOEACC 'B' level with at least 1 year of post qualification work experience  OR<br>Post graduate Degree in Computer Science/ Electronics/IT/Computer Applications/ relevant domain with at least 1 year of post qualification work experience. |

| Skill Set Code | SKILL SET for Project Engineer-I |
|---|---|
| PE 1 **A** | Working experience in .NET Technologies, AsP.Net with C#, XML, LINQ, Ajax, MVC, WCF, HTML5, CSS3 Silverlight, R-Signal, JQuery, JavaScript, AngularJS, understanding of SQL Server, stored procedures and database designing, MSSQL Reporting services, MS Azure, web services, Responsive Design Development. |
| PE 1 **B** | Working Experience in Adobe-Photoshop, Adobe Creative Suite CS6, Flash, CorelDraw, Responsive UI/UX Design Web and Mobile, Bootstrap, Polymer, HTML5/CCS3, Android/iOS design, Dreamweaver, Adobe After Effects/Illustrator. Experience in web and publication design will be an added advantage |
| PE 1 **C** | Working Experience in MSSQL 2008/2012, PostgreSQL, MYSQL, SQL optimization for high volume and very large databases, SQL Server database handling, transaction processing, indexing, performance analysis and unit testing. |
| PE 1 **D** | Python, Django framework, Experience in Core JAVA, J2EE, Hibernate 3.0, Spring, JavaScript, database handling, Tomcat 5.0, Eclipse, NetBeans 6.9, Struts, REST services, well versed with JSON/XML formats, HTML5, jQuery mobile , AngularJS. |
| PE 1 **E** | Good knowledge of PHP, MySql, Wordpress, Joomla, Cakerphp, codeigniter, Jquery, Ajax, HTML5, CSS3 |
| PE 1 **F** | Good programming experience on C,C++, Java, PHP/Perl/Python Programming Fundamentals of Data Structures and algorithms, MySQL database, Digital Signal Processing. OS: Linux (Ubuntu, Fedora) |
| PE 1 **G** | Web enabled content sourcing/creation and updations, Maintenancing social media website pages promotional activities, social marketing, e-mail campaigning, Blog writing, Implementation of SEO techniques, Knowledge of CMS will be preferred. |
| PE 1 **H** | Sound knowledge of Bio-medical, equipment like X-ray, Ultrasound, CT Scan, ECG, Cardiac Defibrillator, EEG, Ventilator, MRI, Multi-parameter monitor etc.<br><br>Preference will be given to those having experience in servicing and maintenance of medical equipment and knowledge of safety checks and routine maintenance on all Bio medical equipment |
| PE 1 **J** | Linux, DNS, IPTABLES, Shell Scripting, Network and System administration, TCP/IP, Web Hosting, Server Configurations, log review, patch & upgrade. Traffic monitoring, Firewall, IDS, UTM. Traffic Analysis. Virtualization (VMWARE/Virtual Box)<br><br>Job Profile - <u>System Administrator</u> |
| PE 1 **K** | Vulnerability assessment, Penetration testing, Firewall, TCP/IP Nessus, IDS, IPS.<br><br>Added Advantage : CISSP, CISM, CISA, CEH, Database query<br><br>Job Profile – <u>Information Security Analyst</u> |

| Position | **Project Engineer-II** |
|---|---|
| Tentative No. of Positions & Reservation | 09 (Nine) (SC-2, OBC-3, UR-4) |
| Duration of the position | 2 Years |
| Monthly Consolidated Salary | ☐ 37,000/- |
| Maximum Age | 32 years, as on last date of receipt of applications |
| Qualifications & Experience | 1<sup>st</sup> class B.E/B.Tech/MCA or equivalent degree in relevant discipline with atleast 3 years of post qualification work experience OR<br><br>DOEACC 'B' level with atleast 4 years of post qualification work experience OR<br><br>DOEACC 'C' level with atleast 1 year of post qualification work experience OR<br><br>Master in Technology (M.Tech)/Master in Engineering (M.E.) OR<br><br>Ph.D in relevant domain. |

| Skill Set Code | SKILL SET |
|---|---|
| PE 2 **A** | Working experience in .NET Technologies, AsP.Net with C#, XML, LINQ, Ajax, MVC, WCF, HTML5, CSS3 Silverlight, R-Signal, JQuery, JavaScript, AngularJS, understanding of SQL Server, stored procedures and database designing, MSSQL Reporting services, MS Azure, web services, Responsive Design Development. |
| PE 2 **B** | Working Experience in Adobe-Photoshop, Adobe Creative Suite CS6, Flash, CorelDraw, Responsive UI/UX Design Web and Mobile, Bootstrap, Polymer, HTML5/CCS3, Android/iOS design, Dreamweaver, Adobe After Effects/Illustrator. Experience in web and publication design will be an added advantage |
| PE 2 **C** | Working Experience in MSSQL 2008/2012, PostgreSQL, MYSQL, SQL optimization for high volume and very large databases, SQL Server database handling, transaction processing, indexing, performance analysis and unit testing. |
| PE 2 **D** | Good knowledge of PHP, MySql, Wordpress, Joomla, Cakerphp, codeigniter, Jquery, Ajax, HTML5, CSS3 |
| PE 2 **E** | Good programming experience on C,C++, Java, PHP/Perl/Python Programming Fundamentals of Data Structures and algorithms, MySQL database, Digital Signal Processing. OS: Linux (Ubuntu, Fedora) |
| PE 2 **F** | Electronic System design in analog & digital electronics. Use of 32 bit controllers for embedded system. Experience in wireless systems/technologies/agri-electronics/sensor technologies/agri-electronics/medical electronics |
| PE 2 **G** | Java/J2EE, Struts/Spring, Hibernate, HTML, Java-script, JQuery, CSS, Angular JS, AJAX & JSON, Mongodb, MySQL. Job Profile – JAVA Specialist |
| PE 2 **H** | Machine Learning, Data Mining (R/ Matlab /Weka). Malware Analysis will be added advantage. Job Profile – Data Analyst |

Note : Experience on speech technologies applications like Speech Synthesis, Speech Recognition, Natural language Processing would be an added advantage for the positions of PE-1F and PE-2 E.

| Position | **Project Engineer-III** |
|---|---|
| Tentative No. of Position & Reservation | 01 (One)-UR |
| Duration of the position | 2 Years |
| Monthly Consolidated Salary | ☐ 42,000/- |
| Maximum Age | 35 years, as on last date of receipt of applications |
| Qualifications & Experience | 1st class B.E/B.Tech (Civil) with at least 7 years of post qualification experience in Civil/ Construction/Maintenance works |
| Job Profile /Skill Set | The selected candidate shall be responsible for : Preparation of Drawings, Bill of Quantities, Cost Estimates, Tenders. Supervision of Works, Checking of Measurements, Maintaining MBs and Quality Control. Should be conversant with MS Office and AutoCAD. |

| Position | **Project Technician-I** |
|---|---|
| Tentative No. of Position & Reservation | 01 (One) -UR |
| Duration of the position | 2 Years |
| Monthly Consolidated Salary | ☐ 13,500/- |
| Maximum Age | 30 years, as on last date of receipt of applications |
| Qualifications & Experience | NCVT/ITI Trade Certificate in Fitter Trade with at least 3 years of post qualification work experience |
| Job Profile /Skill Set | The selected candidate shall be responsible for:- Mechanical / Carpentry repair works, Wielding, Fabrication and other related maintenance works |

**Note: All the above positions are purely on contract basis, on consolidated salary**

**Screening Criteria:**

As per notified qualification/experience for each position. In case the no. of applications received are large, screening will be done based on written test for which the scheme will be notified to the candidate, in due course

**Age Relaxation:**

Relaxation in age is applicable as per Government of India rules.

**How to apply**
        Step 1. Online Application Submission
        Step 2. Payment of application fee
        Step 3. Print the acknowledgement/ registration slip

1. **Apply online by clicking appropriate link under career section of <u>www.cdac.in</u>**

   Candidates can apply online from **09 September 2015** and no other mode of application will be accepted.

2. **Payment Procedure: Application Fee (Non-refundable):** payment of **Rs 100/-** to be made through online mode only

   - Bank Transaction charges, if any, for Online Payment of application fees will have to be borne by the candidate.
   - Application fee exempted for SC/ST,PHC,Female candidates.

     **For detailed instructions on method of payment please refer the details below:**

   - The payment can be made by using Debit Cards (Visa/MasterCard/Maestro).
   - The application form is integrated with the payment gateway and the payment process can be completed by following the instructions.
   - After submitting your payment information in the online application form, PLEASE WAIT FOR THE INTIMATION FROM THE SERVER. DO NOT PRESS BACK OR REFRESH BUTTON IN ORDER TO AVOID DOUBLE CHARGE
   - Candidates are required to take a printout of the online Application form. Please note that if the application is not generated, online transaction is not successful and you are requested to resubmit the application.
   - To ensure the security of your data, please close the browser window once your transaction is completed.
   - Candidates shall be solely responsible for filling up the online applications correctly. In case of invalid applications due to errors committed by the applicant no claims for refund of application money so collected shall be entertained by the CDAC
   - To avoid last minute rush, candidates are advised to register online and pay the Application Fees in time.

### 3. Download Admit card for attending written test: (if notified)

- Written test date for above mentioned positions will be informed later.
- The candidate is required to use (i) Registration ID Number and (ii) email ID for downloading and printing the admit card (iii) Application Password.
- It is compulsory to produce the Admit Card at the Examination Centre, the applicants are requested to bring their proof of identity (Eg, voter id, passport, PAN Card, License etc) along with them while coming for the examination. Candidates are required to be present 15 minutes before Examination starts.

## General Information

- Candidates should satisfy themselves and see the eligibility criteria before applying for the positions.

- In case of any inadvertent mistake in the process of selection which may be detected at any stage even after the issue of offer of appointment, the organization reserves the right to withdraw/cancel/modify any communication made to the candidates.

- Late/ incomplete / invalid applications stand automatically rejected.

- Only candidates shortlisted as per the notified criteria will be called for interview/written test. Candidates will be informed by email only and no separate communication will be sent. At the time of interview, they should bring Original Certificates of qualifications and experience and a photocopy of the same. SC/ST/OBC candidates should submit necessary certificates.

- TA /DA will be paid for appearing in the interview in respect of SC/ST candidates as per Govt. guidelines.

- C-DAC reserves the right to increase/decrease the number of positions or even cancel the whole process of recruitment without assigning any reasons thereof.

- Canvassing in any form is prohibited and will result in disqualification of the candidate.

- Candidates are advised to keep checking the website (www.cdac.in) for any information updates.

- These post are transferable to other department.

- Candidates those who are applying for multiple posts should submit separate applications.

- In case of internal candidates, please note that the finally selected candidates will have to resign from the services and re-join the post as fresh employees.

- Candidate working in Government/PSUs/Govt. Autonomous bodies are required to produce 'No objection certificate (NOC)' from their current employer at the time of interview, if called for, failing which they will not be permitted to attend the interview.

- Incase of any query/clarification  regarding on-line application, candidates may contact on landline **0172-6619063** or e-mail on **recruitment-portal@cdac.in**

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