

	<p><u>Desirable:</u></p> <ol style="list-style-type: none"> Good knowledge of CPWD work procedures and building codes. Experience of supervision of construction of at least one single building from foundation level to superstructure Knowledge of quality control, rate analysis, cost estimation, recording measurements in measurement Books, certification of contractors bills, etc. Knowledge of AutoCAD and use of personal computers and its applications. <p><u>Mode of recruitment: Interview only</u></p>
2	<p><u>PROJECT SCIENTIFIC OFFICER (C) – ONE POST (UNRESERVED)</u></p> <p><u>Essential Qualification & Experience:</u></p> <p>Full Time Master's Degree in Physics (with aggregate of 60% marks) from a recognised university/ institute in Electronics specialization.</p> <p>OR</p> <p>Full Time Degree in Engineering (B.E./B.Tech. with aggregate of 60% marks) from a recognised university/ institute in Electronics/ Electronics and (Tele) Communications/ Electronics and Electrical Engineering.</p> <p><u>Essential Skills:</u></p> <ol style="list-style-type: none"> Good knowledge of hardware description languages such as VHDL, Verilog etc. as well as of FPGA programming. Expertise in soft- and micro-processors, micro controllers needed for instrumentation. Skills for signal processing, control engineering and telecommunications engineering. <p><u>Desirable Skills:</u></p> <ol style="list-style-type: none"> Good knowledge of electronics, Xilinx Vivado tools and Tcl scripting language Familiarity with silicon-based device and detectors. Proficiency in programming languages, like C, C++, Python Good communication skill and an ability to function in the team environment. <p><u>Job Description:</u></p> <p>The person is expected to play a key role in setting up the data acquisition system for the ongoing experiments, as well as for future R&D activities involving advanced detector systems. The person will be involved in all stages of an experimental long term project: concept, design, development, tests and fabrication of components, devices, systems, equipments using various electronics components. This individual will assist faculty members and research students to carry out fundamental research in basic sciences, mainly through international collaborations.</p> <p><u>Mode of recruitment: Interview only</u></p>
3	<p><u>PROJECT SCIENTIFIC OFFICER (C) – TWO POSTS (UNRESERVED)</u></p> <p><u>Qualification & Experience:</u></p> <p>(a) Full time Degree in Engineering (BE/B.Tech with aggregate of 60% marks) from a recognized university/institute in Computer Science / Information Technology.</p>

A. Guidelines for Document Scan and Upload

(i) Photograph image

- (a) Photograph must be a recent passport size colour picture.
- (b) The picture should be in colour, against a light-coloured, preferably white, background.
- (c) Look straight at the camera with a relaxed face.
- (d) If the picture is taken on a sunny day, have the sun behind you, or place yourself in the shade, so that you are not squinting and there are no harsh shadows.
- (e) If you have to use flash, ensure there's no "red-eye".
- (f) If you wear glasses make sure that there are no reflections and your eyes can be clearly seen.
- (g) Caps, hats and dark glasses are not acceptable. Religious headwear is allowed but it must not cover your face.
- (h) Photograph (4.5cm × 3.5cm)
- (i) Dimensions 200 x 230 pixels (preferred).
- (j) Size of file should be between 20KB - 50KB.
- (k) Ensure that the size of the scanned image is not more than 50KB. If the size of the file is more than 50KB, then adjust the settings of the scanner such as the DPI resolution, no. of colours etc., during the process of scanning.
- (l) In case the face in the photograph or signature is unclear, the application may be rejected. Candidate may edit the application and re-upload the photograph/ signature in such a case.

(ii) Signature image

- (a) Signature in CAPITAL LETTERS will NOT be accepted.
- (b) The applicant has to sign on white paper with ball point (black ink) pen. The signature image should contain the signature of the candidate only.
- (c) The Applicant's signature obtained on the Admission Letter and attendance sheet at the time of the examination should match the uploaded signature. In case of mismatch, the candidate may be disqualified.
- (d) Dimensions 140 x 60 pixels (preferred).
- (e) Size of file should be between 10kb – 20kb.

- (f) Ensure that the size of the scanned image is not more than 20kb. If the size of the file is more than 20kb, then adjust the settings of the scanner such as the DPI resolution, no. of colours etc., during the process of scanning.

(iii) Left Thumb Impression image

- (a) The applicant has to put their left thumb impression on a white paper with black or blue ink. The left thumb impression should be of the applicant and not by any other person.
- (b) File type: jpg / jpeg
- (c) Dimensions 240 x 240 pixels in 200 DPI (preferred for required quality) i.e. 3 cm X 3 cm (Width X Height).
- (d) Size of file should be between 20kb – 50kb.

(iv) Hand Written Declaration image

- (a) The applicant has to write the declaration in English clearly on a white paper with black ink.
- (b) Hand written declaration in CAPITAL LETTERS shall NOT be accepted.
- (c) The hand written declaration should be of the applicant and not by any other person.
- (d) File type: jpg / jpeg
- (e) Dimensions 8000 x 400 pixels in 200 DPI (preferred for required quality) i.e. 10 cm X 5 cm (Width X Height).
- (f) Size of file should be between 50kb – 100kb.

(v) Scanning the photograph and signature

- (a) Set the scanner resolution to a minimum of 200 DPI (dots per inch).
- (b) Set Color to True Color.
- (c) File Size as specified above.
- (d) Crop the image in the scanner to the edge of the photograph/signature/left thumb impression/ hand written declaration, then use the upload editor to crop the image to the final size (as specified above).
- (e) The image should be JPG or JPEG format. An example file name is image01.jpg or image01.jpeg. Image dimension can be checked by listing the folder files or moving the mouse over the file image icon.

- (f) Candidates using MS Windows/ MS Office can easily obtain in .jpeg format by using MS Paint or MSOffice Picture Manager. Scanned documents in any format can be saved in .jpg / .jpeg format by using 'Save As' option in the File menu. Size can be adjusted by using Crop and then resize option.

(vi) Procedure for Uploading the documents

- (a) While filling in the On-line Application Form, the candidate will be provided with separate links for uploading his/her photograph, signature, left thumb impression and hand written declaration.
- (b) Click on the respective link "Upload Photograph" / "Upload Signature" / "Upload left thumb impression" / "Upload hand written declaration".
- (c) Browse and select the location where the Scanned Photo/ Signature/ left thumb impression and hand written declaration file has been saved.
- (d) Select the file by clicking on it.
- (e) Click the 'Open/ Upload' button. Your application will not be registered unless you upload your left thumb impression and hand written declaration as specified.
- (f) If the file size and format are not as prescribed, an error message will be displayed.
- (g) Preview of the upload image will help to see the quality of the image. In case of unclear / smudged, the same may be re-uploaded to the expected clarity / quality.

Your Online Application will not be registered unless you upload your Photograph, signature, left thumb impression and hand written declaration.