	Desirable: a) Good knowledge of CPWD work procedures and building codes. b) Experience of supervision of construction of at least one single building from foundation level to superstructure c) Knowledge of quality control, rate analysis, cost estimation, recording measurements in measurement Books, certification of contractors bills, etc. d) Knowledge of AutoCAD and use of personal computers and its applications. **Mode of recruitment: Interview only**
2	**PROJECT SCIENTIFIC OFFICER (C) – ONE POST (UNRESERVED)** **Essential Qualification & Experience**: Full Time Master's Degree in Physics (with aggregate of 60% marks) from a recognised university/ institute in Electronics specialization. **OR** 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. **Essential Skills**: 1. Good knowledge of hardware description languages such as VHDL, Verilog etc. as well as of FPGA programming. 2. Expertise in soft- and micro-processors, micro controllers needed for instrumentation. 3. Skills for signal processing, control engineering and telecommunications engineering. **Desirable Skills:** 1. Good knowledge of electronics, Xilinx Vivado tools and Tcl scripting language 2. Familiarity with silicon-based device and detectors. 3. Proficiency in programming languages, like C, C++, Python 4. Good communication skill and an ability to function in the team environment. **Job Description**: 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. **Mode of recruitment: Interview only**
3	**PROJECT SCIENTIFIC OFFICER (C) – TWO POSTS (UNRESERVED)** **Qualification & Experience:** (a) Full time Degree in Engineering (BE/B.Tech with aggregate of 60% marks) from a recognized university/institute in Computer Science / Information Technology.

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 CAPTAL 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.

Shakti Singh

Computer Science Undergraduate

I am a confident and enthusiastic engineering student aiming to get a full-time job which can enhance my skills and build up my experience.

ssingh12102002@gmail.com | +919328529955 | linkedin.com/in/shakti12 | github.com/shakti1590

EDUCATION

B.tech [CSE]
M.J.P. Rohilkhand University
07/2019 - Present *7.4/10*

Intermediate
Intermediate college
04/2018 - 05/2019 *54%*

High School
Gopal Saraswati Vidya Mandir
04/2016 - 05/2017 *73%*

PERSONAL PROJECTS

Jenkins CI/CD pipeline with GitHub Integration
- Continuous Integration and Continuous Delivery using Jenkins and Docker tool.

House Price Prediction
- In this project, I used machine learning. We will do linear regression on the house prediction dataset. We will also convert the model into a fully functional web application using the Flask framework.

Real Estate Website
- Real estate websites bring convenience to buyers and sellers. This website is made with HTML, CSS, Bootstrap.

College Club Website
- College clubs create large communities, This website is made with HTML, CSS, Bootstrap, and Javascript.

Netflix Clone using ReactJs
- In this project, I use React JS and some React tools, such as hooks, context APIs, and the Redux Toolkit.

WORK EXPERIENCE

Electronic Engineer intern
Learn electronics India
07/2021 - 09/2021
Projects
- Understanding Shift Registers using Attiny85
- Interfacing DC motor with Attiny85
- Controlling the brightness of LED using Attiny85
- Interfacing Piezo Buzzer with Attiny85
- Basic Traffic Light project using Attiny85
- Interfacing Ultrasonic Sensor with Attiny85
- Interfacing 16*2 LCD Display with Attiny85

SKILLS

Python | Java | DS/Algo | HTML | CSS | Bootstrap | Javascript | Django | Rest API | MongoDB | NodeJS | Express JS | React JS | Git | Docker | Kubernetes | AWS | Terraform | Linux | Jenkins | CI/CD

ACHIEVEMENTS

54x Cloud skill Badge
Google Cloud Platform

30+ Project contribution [Open-source]
GitHub

ORGANIZATIONS

IEEE (09/2019 - 06/2022)
Student Chair

CERTIFICATES

Azure fundamentals: AZ-900
Microsoft

AWS Cloud Practitioner Essentials
Coursera

Devops with AWS
Linkedin learning

Certificate of AWS Training
Internshala

Certificate of Internship
Learn electronics India

Certificate of appreciation
Winner of atmanirbhar Bharat ideathon

INTERESTS

Travelling | Photography

Shakti Singh

shaktisingh012@outlook.com

9328529955

Raebareli

https://github.com/shakti1590

https://www.linkedin.com/in/shakti12

Education

B.tech, [CSE] MJP Rohilkhand University — present, India

Intermediate, Intermediate college — 2019, India

High School, Gopal Saraswati Vidya Mandir — 2017, India

Professional Experience

Embedded system intern, Emertxe Information Technologies — 02/2022 – 03/2022

Projects
- Car black box

Electronic Engineer intern, Learn electronics India — 07/2021 – 09/2021

Projects
- Understanding Shift Registers using Attiny85
- Interfacing DC motor with Attiny85
- Controlling the brightness of LED using Attiny85
- Interfacing Piezo Buzzer with Attiny85
- Basic Traffic Light project using Attiny85
- Interfacing Ultrasonic Sensor with Attiny85
- Interfacing 16*2 LCD Display with Attiny85

Training in IOT (Internet of thing), Nasscom — 07/2020 – 04/2021

Projects
- Smart home automation

Training In Python Programming, Coursera — 07/2020 – 09/2020

Projects
- Calculator using python

Skills

Python | JAVA | Docker | Kubernetes | GCP | AWS | Azure | HTML & CSS | SQL | Java script | React JS | Django | Bootstrap

Languages

English | Hindi

Certificates

Azure fundamentals: AZ-900
Microsoft

Certificate of Internship
Emertxe Information Technologies

Certificate of Participation
Participate in EW project Challenge 2020

Certificate of Internship
LearnElectronics India

Certificate of appreciation
Winner of atmanirbhar Bharat ideathon

Certificate of AWS Training
Internshala

Projects

Music application web page
- This is musical web page using HTML, CSS and basic JS , In this web page we search any type of music like as music player.

Responsive web page (Backend project)
- In this responsive web page, I make a restaurant ordering website here we order any thing from the restaurant. this web page made by HTML, CSS , JS, & Django

Meditation web App
- This is very simple project using HTML, CSS & basic JS . In this project we change the mode of music & time.

Login & signup web page (Backend project)
- This project design using Django , HTML , CSS . In this project we fill our details and in a backend portion details is store in Django database

Digital Keypad Security Door Lock using Arduino
- In this project, we will learn how to make the Password-Based Security System Using Arduino & Keypad.

Weather monitoring system using Arduino
- The WMS uses high accuracy sensors for the measurement of radiation, albedo, wind speed, wind direction, air temperature, humidity, module temperature, soiling, and other parameters

Bigmart Sales Prediction Using Random Forest Regression
- The Objective is to build a predictive model, to find out the sales of each product at particular stores that will help the decision makers at Big Mart to find out the properties of each product or stores, which will play key role in increasing overall sales.

Real Estate Website
- Real estate websites bring convenience to buyers and sellers. This website is made by HTML,CSS, JS, Bootstrap,PHP,Firebase.This is a fully responsive website.

College Club Website
- College clubs create large communities. They attract people who share the same interests such as in music, arts, or sports. This website is made by HTML, CSS, JS & Bootstrap

Interests

Travelling

Photography