



QUALITY, TECHNOLOGY, INNOVATION.

(A Govt. of India Enterprise under the Ministry of Defence)

Applicants are advised to go through the website www.bel-india.in for any updates.

Bharat Electronics Limited, a Navratna PSU and India's premier Defence Electronics Company requires experienced Engineers, in Electronics & Communication discipline, Expertise in Embedded Hardware & Firmware Designs with special emphasis on Signal Processing Techniques for the post of **Deputy in E-II Grade** on Fixed Tenure basis for period of Five (05) years.

1. NO. OF POSTS : 05 (APPROX)

The total no. of posts may be increased or decreased based on actual requirement at the time of recruitment at the discretion of the Management.

2. SCALE OF PAY:

Candidates selected against the above position, will be placed in E-II Grade (Deputy Engineer), at the minimum of the pay scale of Rs.40,000-3%-1,40,000/-. In addition, they will be entitled to Dearness Allowance, House Rent Allowance, 35% of the Basic Pay as Perquisites, Performance Related Pay (PRP), Group Insurance, Medical facilities and Provident Fund as per the Company's rules will be part of the remuneration package. Approx CTC is 11 lakhs p.a.

3. REQUIREMENTS:

3.1. QUALIFICATION:

BE / B Tech in Electronics & Communications Engineering from any AICTE approved institution with First Class for General & OBC candidates and Pass for SC/ST/PWD candidates.

3.2. AGE LIMIT:

The maximum age limit for General candidates will be 26 years as on 30.06.2019. Upper age limit is relaxable by 5 years for SC/ST candidates and 3 years for OBC candidates.

In respect of PWD candidates upper age limit is relaxable by 10 years. In respect of PWD candidates belonging to SC/ST/OBC category, the age relaxation admissible will be in addition to the relaxation admissible for candidates belonging to SC/ST/OBC.

For candidates who had ordinarily been domiciled in the state of Jammu & Kashmir during the period 01.01.1980 to 31.12.1989, the upper age limit is relaxable by 5 years for General candidates, 8 years for OBC candidates and 10 years for SC/ST candidates.

Relaxation will be extended as per Govt. guidelines in respect of Ex-Servicemen.

4. JOB DESCRIPTION:

The job includes Digital & FPGA PCB designs, complete firmware design and development, Testing of PCBs, Sub Systems & integrated Level Testing.

5. RELEVANT POST QUALIFICATION EXPERIENCE:

The candidate should have minimum post qualification working experience of 1 year as on 30.06.2019, as Embedded Engineer in Research Labs / Govt / PSUs / Reputed MNCs / Others. Apprenticeship training / Teaching experience will not be considered as work experience.

ESSENTIAL:

- a. Design and Development of High Speed Digital Hardware based on FPGAs, Microprocessor, DSP Processors & Microcontrollers with Knowledge in Signal Integrity, Thermal & Power integrity analysis.
- b. Full Understanding of Digital design methodologies and tools including RTL coding in VHDL/Verilog, Simulation, Synthesis, Static timing analysis, timing closure and Verification& validation on Hardware.
- c. Knowledge in interfacing DDR/QDR/SDRAM memories, RF ADCs and other high speed serial interfaces like SRIO, JESD204B etc.
- d. Good working knowledge on FPGA architectures, DSP Processor and PowerPC architectures.
- e. Good working knowledge in Embedded 'C', RTOS (VxWorks) and device driver development.
- f. Good knowledge on High Speed Communication Protocols (PCIe, cPCI,VME,VPX, Gigabit Ethernet, Optical protocols)
- g. Good working knowledge in Matlab, Simulink / Labview in the application areas- Signal processing algorithms development, Data processing.
- h. Working knowledge in Xilinx ISE/Vivado tools and Modelsim simulation tools.
- i. Knowledge in RF basics and usage of test instruments.

DESIRABLE :

- a. Good knowledge on Artificial Intelligence and Firmware Documentation standards.
- b. Knowledge on Radar & EW systems will be an added advantage.

6. METHOD OF SELECTION:

1. Candidates who meet the qualifying criteria and whose online application has been accepted will be shortlisted for the Written Test.
2. Based on their performance in the Written Test, Candidates will be shortlisted for Interview.
3. Selection will be based on the performance of the candidate in both the Written Test and Interview.
4. Candidates who meet the qualifying criteria and whose online application is accepted are required to log on to the website and enter their application number to access and download their written test call letter. Candidates are required to print the call letter and comply with the instructions indicated therein. Please note that call letters will not be sent through e-mail or through conventional mail.
5. Candidates, whose applications are accepted through the process of submission of online applications, are eligible to attend the written test. The call letters will be uploaded on the website tentatively during the third week of August 2019.
6. The written test will consist of objective type questions from basic Engineering subjects, in the respective disciplines / specializations and General Aptitude etc. The list of candidates short-listed in the written test for the interview, will be published on the day of Written Test (tentatively during 1st week of September 2019).
7. They will be required to appear for an interview for final selection. The results of selection will be made available on the BEL website.
8. Candidates are advised to visit the BEL website periodically for updates.

7. PAYMENT OF APPLICATION FEE:

Link for payment of fee through SB Collect:

<https://www.onlinesbi.com/sbicollect/icollecthome.htm?corpID=14842>

(Select payment category as **“Recruitment of Dy. Engineers on Fixed Tenure“**)

1. Candidates belonging to GEN/OBC category are required to pay an application fee of Rs 500/- through SBI Collect (through online mode or through SBI Branch).
[Candidates are requested to read the details and screenshots for making the payment. Screenshots and instructions for the same are provided below the advertisement. Candidates may make the payment by clicking on the link provided below the web advertisement. Candidates can also make the payment by approaching SBI branch. Candidates are required to select SBI branch in the payment option and download & print the challan generated through SBI Collect and deposit the application fee of Rs. 500/- plus applicable bank charges in any SBI Branch. The candidate should ensure to obtain the seal and signature of the bank official].

2. General / OBC candidates have to enter the "SB Collect Reference No." generated after payment, in the Online application Form.
3. SC/ST/PWD & Ex-Servicemen candidates are exempted from payment of application fee.
4. Prior to paying the application fee, candidates are required to carefully go through the advertisement and pay the fees only after making sure he/ she is eligible to apply for the said posts. Application fees once paid will not be refunded by the Company/ Bank to applicants who are not eligible for the above posts.
5. **The application fee is non-refundable under any circumstances.**

8. REGISTRATION AND ONLINE APPLICATION PROCESS:

1. Candidates are advised to go through the norms in detail before processing of the online application.
2. Eligible candidates are required to apply online through BEL's website www.bel-india.in, click on CAREERS tab and Recruitment tab and click on Advertisement link only. Or login by typing the URL mentioned below:

https://bghr-recruitment.com/Aplform_PMT.aspx?pid=53

On-line application will be opened from 09.07.2019 (0900 hrs) to 31.07.2019 (1700 hrs).

3. The candidates have to fill in all the details required in separate tabs. Upon filling up all the details, please verify the data entered and click on SUBMIT. Upon submission a message reflects on the screen "your application has been successfully received" and will be given user name and password.
4. On filling up the details, the application form can be downloaded by the candidate.
5. Submission of applications through online will be open from 09.07.2019 (0900 hrs) to 31.07.2019 (1700 hrs).
6. No changes shall be allowed once the candidate has saved and submitted his/her application. The same will be treated final for all the purposes.
7. Applications are invited through online mode only. No other means/mode of application will be accepted.
8. All correspondence with candidates shall be done through e-mail only. Candidates should possess a valid e-mail ID and mobile no, which should remain valid & active, till the completion of selection process. BEL will not be responsible for any loss of e-mail sent, due to invalid / wrong e-mail ID provide by the candidate or for delay / non-receipt of information if a candidate fails to access his / her mail / website in time.

9. GENERAL INSTRUCTIONS:

1. The cut-off date for deciding the maximum permissible age and Post Qualification Experience shall be 30.06.2019. Post qualification work experience means the work experience acquired after completion of BE/B.Tech.
2. Candidates called for interview shall be reimbursed Sleeper class to and fro train fare by the shortest route (from their correspondence address).
3. The Candidates belonging to SC/ST/OBC/PWD/EWS need to submit their caste/tribe/community/disability certificate. For the convenience of candidates the prescribed format of the caste certificate is appended. Candidates belonging to OBC category are required to submit the community certificate in the prescribed format (format available on the website) issued by the Competent Authority on or after 01.01.2019. Candidates who do not produce the certificate in the prescribed format will be rejected and no further communication will be entertained. Candidates with relevant disability of not less than 40 per cent only will be eligible for reservation and relaxation as PWD. Disability Certificate should be issued by the Medical Board in the prescribed format.
4. Request for change of category (GEN/SC/ST/OBC/EWS) once declared in the application will not be entertained. For the convenience of candidates belonging to OBC / SC / ST and PWD, the prescribed format of the Caste / Disability Certificate is placed in along with the advertisement. Candidates who do not produce the Certificate at the time of interview in the above format will be rejected and no further communication will be entertained.
5. Mere fulfilling the minimum requirement of Qualification and Experience will not vest any right on the candidates to be called for the Interview / Written Test. BEL reserves the right to shortlist the candidates based on the nature of past relevant experience acquired post prescribed qualification.
6. In the event any applicant has litigated with his/her employer in the past, the same should be clearly mentioned in brief.
7. Candidates employed in Govt. Quasi-Govt. and Public Sector Undertakings will be required to produce 'No Objection Certificate' at the time of interview, without which they will not be allowed to appear for the interview.
8. The Caste / Disability Certificate should be strictly in the format available on the BEL website failing which, candidates will be considered under 'General' category, provided they are otherwise meeting all other criteria stipulated for General Candidates. Income Certificate will not be considered as OBC Certificate.
9. Information pertaining to the Written Test / Interview will be uploaded in the link provided for downloading the same. There will be no separate communication to any candidates on their non-selection at any stage.
10. The number of posts indicated above may vary based on the actual requirement at the time of selection.

11. BEL reserves the right to debar / disqualify any candidate at any stage of the selection process for any reason whatsoever and also reserves the right to cancel / restrict / enlarge modify or alter the recruitment or selection process, if need so arise without issuing any further notice or assigning any reason thereafter.
12. Only those candidates who submit their applications online will be considered for further processing. One print (hard copy) of the FILLED-IN application may be retained with the candidate to be produced during interview in the event of being shortlisted.
13. The total number of posts may be increased or decreased based on the actual requirement at the time of recruitment at the discretion of Management.
14. Appointment of the selected candidates will be subject to being found medically fit by the Company's Medical Authorities.
15. Candidates whose specialization mentioned in their Degree Certificate does not tally with the branch mentioned in the application will not be considered for interview.
16. Canvassing in any form will result in disqualification.
17. Only Indian Nationals need apply.

10. CLARIFICATIONS:

In case you require any clarifications regarding the advertisement please send an e-mail to careers2018@bel.co.in. Please note that no other form of communication will be entertained including telephone calls, conventional mail, fax etc.,

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