



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 its Hyderabad Unit for the post of **Senior Engineer in E-III 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-III Grade (Senior Engineer), at the minimum of the pay scale of Rs.50,000-3%-1,60,000/-. 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 13 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 32 years as on 31.03.2019. 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 4 years as on 31.03.2019, 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. HOW TO APPLY:

Candidates are advised to go through the eligibility criteria / norms in detail before processing of the application.

Application form can be accessed from 20.03.2019 (0900 hrs) to 10.04.2019 (1700 hrs).

Eligible candidates are advised to download the application format available on the website www.bel-india.in. The downloaded application format duly filled in all respects (with recent colour passport size photograph of the applicant duly affixed in the column provided in the Application Form) along with self attested Xerox copies of

- a. SSLC/Matriculation Certificate (proof of age)
- b. Marks Sheets of all Semester/Years of BE/B.Tech examination
- c. BE/B.Tech Degree Certificate
- d. Caste Certificate (if belonging to OBC/SC/ST)
- e. Income & Asset Certificate (if belonging to Economically Weaker Sections)
- f. Certificate in support of PWD category (if applicable)
- g. Certificate from employer regarding Experience and Salary
- h. No Objection Certificate (if applicable)
- i. Any other relevant certificates

Applications are to be submitted in closed envelop super-scribing "**APPLICATION FOR THE POST OF SENIOR ENGINEER ON FIXED TENURE BASIS**". Applications should reach the office of Sr Dy General Manager (HR), Bharat Electronics Limited, I.E.Nacharam, Hyderabad – 500076 on or before 10.04.2019 by ORDINARY POST. Applications received after 10.04.2019 will not be entertained.

NOTE: Applications that are not in the prescribed form, incomplete, illegible, without complete enclosures / challan or received after the last date and are not meeting the eligibility criteria will be summarily rejected without assigning any reason whatsoever. No correspondence in this regard will be entertained. Candidates may be debarred at any stage of the selection process, if it is found that they do not fulfill the prescribed eligibility criteria. Mere short listing / attendance in the written test / interview does not entitle the candidates to have any claim for the post. Canvassing in any form will result in debar/ disqualification at any stage of the selection process for any reason what so ever.

7. PAYMENT OF APPLICATION FEE:

APPLICATION FEE: Candidates belonging to GEN/OBC category are required to pay an application fee of **Rs.500/- (Rupees Five Hundred only)**. SC/ST/PWD candidates are exempted from payment of application fee.

MODE OF PAYMENT:

A. Making FEE payment by using the link provided:

- Click on the following link which will direct the candidate to the following page.
- <https://www.onlinesbi.com/prelogin/icollecthome.htm?corpID=14842>
- Click on the check box "I have read and accepted the terms and conditions stated above".
- Click on proceed.

- Select payment category as "RECRUITMENT EMBEDDED ENGINEERS FOR HYD UNIT" as applicable.
- Fill the details and click on submit button. (Fields with * mark are to be Compulsorily filled & Applicable fee remitted).
- Check the details and press the confirm button.
- Select any one of the mode of payments, i.e. "Net Banking" or "Card Payments" or "Other Payment Modes" as applicable and then proceed for making the fee payment. Download the receipt after successful completion of the payment.
- In case, candidate opts "SBI Branch" as payment mode, candidate is required to download the pre printed challan and deposit the fee amount (including applicable bank commission) in any of the SBI Branches and obtain seal and signature of the bank official on the challan (depositor copy) before leaving the bank counter.

B. Making fees payment directly by logging on to www.onlinesbi.com

- Go to www.onlinesbi.com and select: - State Bank Collect.
- Accept terms and conditions and click on proceed.
- Select state of Corporation/ Institution: - All India.
- Select type of Corporation/Institution: - PSU - Public Sector Undertaking and press =>Go.
- Select PSU - Public Sector Undertaking: - Bharat Electronics Limited and press Submit.
- Select payment category: - "RECRUITMENT EMBEDDED ENGINEERS FOR HYD UNIT" as applicable.
- Complete the payment as explained above.

C. WHILE MAKING THE PAYMENT, PLEASE DO NOT USE BACK BUTTON (i.e ←.) AT THE BROWSER UNLESS SPECIFICALLY ALLOWED AT ONLINE SBI. IN CASE BACK BUTTON IS OPERATED, CANDIDATE HAS TO COMPLETE THE PAYMENT AS MENTIONED IN "B" ABOVE.2

Prior to paying the application fees, 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.

The application fee is non-refundable under any circumstances.

8. METHOD OF SELECTION:

1. Candidates who meet the qualifying criteria and whose 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. The written test will consist of objective type questions from basic Engineering subjects, in the respective disciplines / specializations and General Aptitude.
5. Candidates are advised to visit the BEL website periodically for updates.

9.GENERAL CONDITIONS:

1. The cut-off date for deciding the maximum permissible Age and Post Qualification Experience shall be 31.03.2019. Post qualification work experience means the work experience acquired after completion of BE/B.Tech.
2. 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.
3. Outstation SC/ST & PWD candidates will be reimbursed 2nd class to and fro train fare by the shortest route (from their correspondence address) to the written test / interview venue, subject to production of railway ticket / receipts as per Company rules. Candidates belonging to Gen/OBC category will be reimbursed train fare, if they are short listed for the interview, subject to production of railway ticket / receipts.
4. All correspondence with candidates shall be done through e-mail only. Candidates should possess at least one 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 provided by the candidate or for delay / non-receipt of information if a candidate fails to access his / her mail / website in time.
5. The candidates who are unable to produce their BE/B.Tech. Degree Marks sheet and Degree Certificate and other relevant certificates in original on the day of the written test/interview for whatever reason, will not be considered.
6. There will be no separate communication to any candidates on their non selection at any stage.
7. 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.
8. 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.
9. 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 01.10.2018. 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.
10. 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.

11. Candidates employed in Government / Quasi Government and Public Sector Undertaking are required to forward their applications through proper channel or produce No Objection Certificate (NOC) at the time of Interview, without which they will not be allowed to appear for the Interview.

12. Candidates are required to enter all information correctly in the Application Form and verify the same before submission, as changes shall not be permitted after submission of the Application Form. Any incomplete application form will be summarily rejected.

13. In the event any applicant has litigated with his/her employer in the past, the same should be clearly mentioned in brief.

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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