



भारत हेवी इलेक्ट्रिकल्स लिमिटेड  
(भारत सरकार का उपक्रम)  
**Bharat Heavy Electricals Limited**  
(A Govt. of India Undertaking)

**ENTER BHEL**  
**INDIA'S LEADING ENGINEERING ENTERPRISE**  
**THROUGH GATE-2013**

BHEL offers a challenging and rewarding career to young and dynamic graduates in the disciplines of **Mechanical, Electrical and Electronics Engineering** to contribute towards Nation building in the fields of Power, Industry, Transmission, Transportation and Non-conventional Energy.

**Position** - **Engineer Trainee**

**Require** - **500 Nos. \*\***

Discipline wise distribution of requirement	
Mechanical	300
Electrical	150
Electronics	50
<b>Total</b>	<b>500**</b>

\*\* The number of vacancies indicated above is tentative and actual requirement may vary based on further assessment. Category wise breakup of reserved vacancies shall be made available on our recruitment website towards end of May 2013.

**Job Specifications:**

<b>Educational Qualification Required</b>	<b>Upper age limit (years) as on 01/08/2013</b>
<p>Bachelor's degree holder in Engineering /Technology or Five year integrated Master's degree or Dual Degree programme in Engineering or Technology in the disciplines of Mechanical /Electrical /Electronics Engineering.</p> <p><b>OR</b></p> <p>Engineering Degrees obtained through examinations conducted by professional societies recognized by UPSC/AICTE (e.g. AMIE by Institute of Engineers (India); AMICE by Institute of Civil Engineers (India)) in the disciplines of Mechanical, Electrical and Electronics as equivalent to B.E./B.Tech</p>	<p><b>27 Years</b></p> <p>(Candidates born before 01/08/1986 are not eligible to apply)</p> <p>29 years for candidates having two years' full time Post Graduate in Engineering or Business Administration /Management</p>
<p><b>Candidates should be in a position to produce their final year degree/marks sheets by 1<sup>st</sup> August 2013</b></p>	

For the above three disciplines of Engineering, candidates with Engineering Degree in other disciplines as below will also be considered, for which they will, have to take the GATE-2013 exam in ME-for Mechanical & its equivalent, EE- for Electrical & its Equivalent, EC- for Electronics & its Equivalent only

BHEL Discipline	GATE -2013 Code	Disciplines of Engineering considered by BHEL for position ET
<b>Mechanical</b>	<b>ME</b>	<ol style="list-style-type: none"> <li>1. Industrial and Production Engineering</li> <li>2. Industrial Engineering</li> <li>3. Mechanical Production and Tool Engineering</li> <li>4. Production Technology Manufacturing Engineering (NIFFT Ranchi)</li> <li>5. Mechatronics</li> <li>6. Manufacturing Process and Automation</li> <li>7. Power Plant Engineering</li> <li>8. Production Engineering</li> <li>9. Production and Industrial Engineering</li> <li>10. Thermal Engineering</li> <li>11. Manufacturing Technology</li> </ol> <p><b>Note :</b> Candidates having above Engineering discipline should take GATE-2013 paper only in <u>ME code</u>, if they wish to be considered for Mechanical Discipline in BHEL</p>
<b>Electrical Engineering</b>	<b>EE</b>	<ol style="list-style-type: none"> <li>1. Electrical &amp; Electronics</li> <li>2. Electrical, Instrumentation &amp; Control</li> <li>3. High Voltage Engg.</li> <li>4. Power Systems &amp; High Voltage Engg</li> <li>5. Electrical Machine</li> <li>6. Electronics &amp; Power</li> <li>7. Power Electronics</li> <li>8. Power Plant Engineering.</li> <li>9. Energy Engineering</li> </ol> <p><b>Note :</b> Candidates having above Engineering discipline should take GATE-2013 paper only in <u>EE code</u>, if they wish to be considered for Electrical Discipline in BHEL</p>

<p><b>Electronics Engineering</b></p>	<p><b>EC</b></p>	<ol style="list-style-type: none"> <li>1. Electronics &amp; Telecommunication</li> <li>2. Instrumentation</li> <li>3. Electronics &amp; Instrumentation</li> <li>4. Electronics &amp; Power</li> <li>5. Electronics Design &amp; Technology</li> <li>6. Electronics &amp; Biomedical</li> <li>7. Applied Electronics</li> <li>8. Power Electronics</li> <li>9. Electronics &amp; Communication</li> <li>10. Electrical &amp; Electronics</li> <li>11. Industrial Electronics</li> <li>12. Mechatronics</li> <li>13. Electronics &amp; Control</li> <li>14. Control &amp; Instrumentation</li> </ol> <p><b>Note : Candidates having above Engineering discipline should take GATE-2013 paper only in EC code, if they wish to be considered for Electronics Discipline in BHEL</b></p>
---------------------------------------	------------------	---

### RESERVATION & RELAXATION

1. Upper age limit is relaxable for candidates belonging to the following category as under :-

- SC/ST - by 5 years
- OBC (NCL) – by 3 years

For getting the reservation benefits under OBC category:

a. The name of caste and community of the candidate must appear in the Central list of Other Backward Classes and the candidate must not belong to creamy layer. (to see list of centrally approved OBC caste/community name, log on to <http://ncbc.nic.in/centrallistifobc.html>)

b. The candidate needs to furnish their OBC – non creamy layer (NCL) certificate (not more than one year old as on 1<sup>st</sup> September, 2012) as per the format prescribed by Government of India (this format can be downloaded from BHEL careers website <http://careers.bhel.in>)

- Physically Challenged - by 10 years for General, 13 years for OBC (NCL) and 15 years for SC/ST category.
- Relaxation in age for Ex-Servicemen will be as per extant Govt. rules.
- Upper age limit is relaxable by 5 years for the candidates who had ordinarily been domiciled in the state of Jammu & Kashmir during the period from 1/1/1980 to 31/12/1989.

2. Reservation for different categories will be as per rule

## SELECTION PROCESS

Selection process will comprise of **GATE 2013 Marks (out of 100)** of the candidates in the concerned discipline & performance in Interview

1. The candidates will be shortlisted for interview on the basis of GATE-2013 marks (**out of 100**) in order of merit in the ratio of 1:3 to the number of vacancies in each discipline and category. For Physically Challenged candidates, relaxation of 50% below the cut-off marks will be provided in their respective categories for being shortlisted for interview.
2. Final selection panels shall be prepared by assigning a weightage of 75% for GATE-2013 marks (**marks out of 100**) and 25% to Interview marks.

For applying the above ratio, initially, all UR candidates of each discipline of Engineering along with such reserved category (i.e. OBC, SC, ST) candidates of that discipline, who do not avail any relaxation, will be grouped together and then arranged in descending order of merit of GATE-2013 marks (marks out of 100) and candidates, shall be called for interview in the ratio of 1: 3 in UR category.

After this, candidates belonging to OBC/SC/ST categories, who are not shortlisted for interview under UR category, shall be regrouped with their respective categories for further consideration in their respective categories and candidates will be called for interview in prescribed ratio of 1:3.

Later on, at the time of final selection, the same exercise will be carried out.

## TRAINING & EMOLUMENTS

Candidates joining BHEL as Engineer Trainees will undergo training for one year. During training, basic pay of Rs.20600/- in the scale of pay of Rs.20600-46500/- will be paid. After successful completion of training, the trainees will be absorbed as Engineers in the scale of pay of Rs.24900-50500/- with a basic pay of Rs.24900/-.

For the above post, besides Basic Pay, Industrial Dearness Allowance, Perks and others allowances admissible under the Company Rules will be payable during training/after absorption.

### Cost to Company (Approximate):

<b>Engineer Trainees in the of Scale of pay of Rs. 20600-46500/-</b>	
At Project Sites	At Manufacturing Units/ Division/ Power Sector Regions
Rs. 9.0 lakhs / annum	Rs. 8.0 lakhs/annum

## SERVICE AGREEMENT BOND

Candidates joining BHEL as Engineer Trainees will have to execute a service agreement bond of Rs.2,00,000/- (Rupees Two Lakhs only) to serve the Company (or any Government Department or Undertaking at the discretion of the Company) for a period of three years after successful completion of training. Candidates will also be required to furnish a Surety Bond executed by parents/ guardian/ reliable surety.

No request for transfer or change in place of posting shall be entertained for the first five years of service including the training period, unless transferred by the Company in Organizational interest. In case any outside influence is brought upon any superior authority in this matter, it will be construed as a misconduct as per Rule 17 of the BHEL Conduct, Discipline and Appeal Rules, 1975.

## MEDICAL STANDARDS

Candidates finally selected by BHEL will have to undergo a Medical Examination before joining. Candidates should have sound health which will be assessed by Company's Authorized Medical Officer and the appointment will be subject to meeting the health standards prescribed by the Company. For viewing BHEL's Medical Standards [click here](#)

For Physically Challenged candidates the definition of Locomotor Disability and Hearing Impairment will be as per 'The Persons with Disabilities (Equal Opportunities, Protection of Rights and Full Participation) Act, 1995'.

The Physically Challenged candidates are required to furnish duly stamped Medical Certificate in relation to their disability from Competent Authority. The Competent Authority for this purpose would mean a Medical Board duly constituted by Central Government or a State Government for this purpose.

## GENERAL INSTRUCTIONS

1. Candidates presently employed in Central/ State Government, Autonomous bodies, PSUs may apply through 'Proper channel' or submit 'No Objection Certificate' at the time of interview from their employer.
2. Candidates are advised to possess a valid **e-mail ID**, which is to be entered in the on-line Application Form. They are also advised to retain this e-mail ID active for at least **one year** as any important intimation to the candidates shall be provided by BHEL through e-mail/ or through our recruitment website. They are further requested to check regularly their e-mail for any communication from BHEL in this regard.
3. Candidates belonging to OBC category, but coming in **creamy layer** will not be entitled to the benefit of reservation and should apply **as General Category candidate**.
4. Candidates not found to be meeting the prescribed eligibility criteria shall be rejected at any stage of the selection process

5. Category (SC/ ST/ OBC/ Ph.Ch.) should be carefully filled-up in the application form, as the same will normally not be allowed to be changed later. Also, in the event of finally being appointed, if it is found that such a statement was wrong, the candidate will be liable for suitable actions including termination and prosecution.

### HOW TO APPLY

- Candidates who wish to apply for Engineer Trainee position in BHEL for the year 2013-14 will be required to take the **Graduate Aptitude Test in Engineering - 2013** (GATE-2013).
- Marks obtained in **GATE-2013 (marks out of 100)** will be utilized by BHEL for inviting candidates for a Personal Interview for consideration for the position of Engineer Trainees.
- GATE-2013 Registration No. is required for submission of online application to BHEL
- Candidates will have to separately apply on-line to BHEL for which BHEL recruitment website <http://careers.bhel.in> will be activated during January 2013
- In BHEL's on-line application, candidates will have to give their GATE-2013 registration Number. The GATE-2013 Admit Card shall contain the GATE-2013 Registration Number.
- BHEL will not be responsible if candidates wrongly fill up GATE-2013 Registration Number in BHEL online application. As such, candidate should **correctly** fill in the GATE-2013 Registration Number.

### Applying for GATE-2013

1. For detailed information on GATE- 2013 and on-line submission of application for GATE-2013, interested candidates may log on to : <http://www.gate.iitb.ac.in/gate2013>

or

Websites of IISc, Bangalore or following IITs:- Bombay, Delhi, Guwahati, Kanpur, Kharagpur, Madras and Roorkee.

2. Candidates should fill-in and submit the GATE-2013 application form as instructed by the GATE authorities and wait for the admit card to get the **GATE-2013 registration number**.
3. On receipt of GATE registration number, the candidates need to apply on-line to BHEL at <http://careers.bhel.in>. For this purpose, the relevant link will be made available from **January 2013** at our recruitment website <http://careers.bhel.in>
4. For the vacancies in the disciplines of **Mechanical, Electrical and Electronics** advertised by BHEL, the GATE-2013 exam is scheduled on **10<sup>th</sup> February 2013**. However candidates are advised to visit GATE-2013 website for any changes. BHEL has no role in case of any changes in GATE-2013.

**Note :**

Candidates who wish to apply for BHEL should choose their GATE-2013 exam paper code ME for Mechanical and equivalent discipline, EE for Electrical and equivalent discipline EC for Electronics and equivalent discipline only. **Candidates taking GATE - 2013 exam in codes other than ME, EE or EC will not be considered.**

**For applying to BHEL**

1. Candidates may read the instructions given on this website (<http://careers.bhel.in>) carefully and fill-in the on-line application form giving accurate information including the GATE-2013 registration number. BHEL will not be responsible, if a candidate fills up GATE-2013 Registration Number wrongly.
2. The website for applying on-line will be opened during **January 2013**.
3. GEN/OBC candidates are required to make a payment of Rs. 100/- as processing fee (non-refundable). The details on the mode of payment will be made available during January, 2013.
4. Candidates are advised to retain extra copies of passport size photograph used for GATE-2013 application as this will be required to be produced during BHEL Selection process.
5. In case the candidate is called for interview, he/she should bring with him/her the GATE-2013 admit card, GATE-2013 official score card and other relevant documents which will be mentioned in the interview call letter.

**For Departmental candidates (BHEL Regular Employees only):-**

Departmental candidates should have served the company, for a minimum of one year, after training/regularization in the grade to which they have been recruited. For this purpose they will be treated as eligible in case they fulfill the eligibility as on the last date specified for submitting applications online.

There is no upper age limit for Departmental Candidates.

Departmental Candidates desirous of applying, having a Bachelor's Degree in any branch of Engineering may take the Graduate Aptitude Test in Engineering - 2013 in any one of the 3 discipline advertised by BHEL.

### Important Dates

Milestones	Schedule date
Opening of BHEL recruitment website for viewing detailed advertisement	14th September 2012
Online submission of applications commences	January, 2013
For GATE-2013	
Commencement of on-line Submission of applications	1st September 2012
Last date for on-line submission of applications	30th September 2012
For details of GATE -2013	Candidates may log on to :- <a href="http://www.gate.iitb.ac.in/gate2013">http://www.gate.iitb.ac.in/gate2013</a> or Websites of IISc, Bangalore or following IITs:- Bombay, Delhi, Guwahati, Kanpur, Kharagpur, Madras and Roorkee