For More Job News Visit : www.kpscvaani.com

ISO 9001 Certified

Advt. No. 145

RECRUITMENT & ASSESSMENT CENTRE (RAC)

Lucknow Road, Timarpur, Delhi – 110054

181 vacancies of Scientist 'B' in DRDO

Online Application is mandatory

(Closing date: 21 days from the date of activation of online registration link at RAC website)

RAC invites online applications from graduate engineers and post graduates in Science including students who are appearing or have appeared in their final year examination through RAC website **https://rac.gov.in** for recruitment to the posts of Scientist `B' in Defence Research & Development Organization(DRDO) in Level-10 (7th CPC) of the Pay Matrix (Rs.56,100/-) in specified disciplines and categories. Total emoluments (inclusive of HRA and all other allowances) at the time of joining will be approximately Rs. 1,00,000/- p.m. at the present metro city rate.

DRDO, India's premier Defence R&D organization employs bright, qualified and competent scientists in Group 'A' (Gazetted) technical service known as Defence Research & Development Service (DRDS) and offers exciting and challenging career opportunities in a broad spectrum of technologies at its laboratories/establishments located across the country. For further information about DRDO, please visit DRDO website **https://drdo.gov.in.**

Table1: The discipline-wise details of vacancies are given below. The recruitment in the disciplines mentioned below will be based on valid GATE score, and Personal Interview

Item No.	Subject/ Discipline	No. of Vacancies						Details of corresponding Essential Qualification (EQ) & Graduate Aptitude Test in Engineering (GATE)	Equivalent acceptable subjects of Essential Qualification Degree
		UR	EWS	OBC	SC	ST	Total		
1	Electronics & Communication Engg	19	05	13	08	04	49	**Essential Qualification(EQ)#:** At least First Class Bachelor's Degree in Engineering or Technology in Electronics & Communication Engg from a recognized university or equivalent. **GATE Qualification:** Valid GATE score in Electronics & Communication Engg [Paper code : EC]	As per the equivalent subjects for Electronics & Communication Engg (Item no. 1) in Annexure 'A'
2	Mechanical Engg	17	05	12	07	03	44	**Essential Qualification(EQ)#:** At least First Class Bachelor's Degree in Engineering or Technology in Mechanical Engg from a recognized university or equivalent. **GATE Qualification:** Valid GATE score in Mechanical Engineering [Paper code : ME]	As per the equivalent subjects for Mechanical Engg (Item no. 2) in Annexure 'A'
3	Computer Science & Engg*	16	03	09	04	02	34	**Essential Qualification(EQ)#:** At least First Class Bachelor's Degree in Engineering or Technology in Computer Science & Engg from a recognized university or equivalent. **GATE Qualification:** Valid GATE score in Computer Science & Information Technology [Paper code : CS]	As per the equivalent subjects for Computer Science & Engg (Item no. 3) in Annexure 'A'
4	Electrical Engg	01	-	02	01	01	05	**Essential Qualification(EQ)#:** At least First Class Bachelor's Degree in Engineering or Technology in Electrical Engg from a recognized university or equivalent. **GATE Qualification:** Valid GATE score in Electrical Engg [Paper code :EE]	As per the equivalent subjects for Electrical Engg (Item no. 4) in Annexure 'A'
5	Material Engg/ Material Science & Engg/ Metallurgical Engg*	04	01	02	02	01	10	**Essential Qualification#:** At least First Class Bachelor's degree in Engineering or Technology in Metallurgy from a recognized university or equivalent. **GATE Qualification:** Valid GATE score in Metallurgical Engineering [Paper code : MT]	As per the equivalent subjects for Material Engg/ Material Science & Engg/ Metallurgical Engg (Item no. 5) in Annexure 'A'
6	Physics*	05	01	03	01	-	10	**Essential Qualification#:** At least First Class Master's Degree in Science in the subject/discipline of Physics from a recognised university or equivalent. **GATE Qualification :** Valid GATE score in Physics [Paper code : PH]	As per the equivalent subjects for Physics (Item no. 6) in Annexure 'A'
7	Chemistry*	01	-	02	01	01	05	**Essential Qualification#:** At least First Class Master's Degree in Science in the subject/discipline of Chemistry from a recognised university or equivalent. **GATE Qualification:** Valid GATE score in Chemistry [Paper code :CY]	As per the equivalent subjects for Chemistry (Item no. 7) in Annexure 'A'
8	Chemical Engg	05	02	03	02	01	13	**Essential Qualification#:** At least First Class Bachelor's Degree in Engineering or Technology in Chemical Engg from a recognized university or equivalent. **GATE Qualification:** Valid GATE score in Chemical Engineering [Paper code : CH]	As per the equivalent subjects for Chemical Engg (Item no. 8) in Annexure 'A'

For More Job News visit : www.kpscvaani.com

Item No.	Subject/ Discipline	No. of Vacancies						Details of corresponding Essential Qualification (EQ) & Graduate Aptitude Test in Engineering (GATE)	Equivalent acceptable subjects of Essential Qualification Degree
		UR	EWS	OBC	SC	ST	Total		
9	Aeronautical /Aerospace Engg	03	01	02	01	-	07	**Essential Qualification#:** At least First Class Bachelor's Degree in Engineering or Technology in Aeronautical Engg from a recognized university or equivalent. **GATE Qualification :** Valid GATE score in Aerospace Engineering [Paper code : AE]	As per the equivalent subjects for Aeronautical /Aerospace Engg (Item no. 9) in Annexure 'A'
10	Mathematics*	02	-	-	-	-	02	**Essential Qualification#:** At least First Class Master's Degree in Mathematics from a recognised university or equivalent. **GATE Qualification :** Valid GATE score in Mathematics [Paper code :MA]	As per the equivalent subjects for Mathematics (Item no. 10) in Annexure 'A'
11	Civil Engg*	-	-	01	01	-	02	**Essential Qualification#:** At least First Class Bachelor's Degree in Engineering or Technology in Civil Engg from a recognized university or equivalent. **GATE Qualification :** Valid GATE score in Civil Engineering [Paper code : CE]	As per the equivalent subjects for Civil Engg (Item no. 11) in Annexure 'A'
TOTAL		**73**	**18**	**49**	**28**	**13**	**181**		

#:a) Applicants who have appeared in the final year/semester examination may submit their degree/provisional degree certificate by 31 August 2023, if not able to do so at the time of filling the application form.

b) Candidates having their EQ degree from foreign universities should obtain equivalence certificate from 'Association of Indian Universities, Delhi' and submit the same on or before 31 August 2023.

c) In case a particular institute does not have any criteria for First Class or equivalent, 60% marks will be taken as equivalent to First Class for that institute. In such cases where conversion formula is not available, CGPA/CPI of 6.75 (for a 10 point scale) will be taken as equivalent to 60% as per AICTE guidelines.

***: a) Seven out of the 181 vacancies are reserved for Persons with Disabilities (PwD) in the following categories:**
- One vacancy for PwD-Hearing Handicapped (HH) category in the * marked disciplines.
-One vacancy for PwD-Locomotor Disability (LD) category including Leprosy cured (OL, OA), Acid Attack Victims (AAV), Dwarfism (Dw), in the * marked disciplines.
- Five vacancies for PwD-AAV/Dw, in rest of the disciplines.

1. ELIGIBILITY FOR RECRUITMENT TO POSTS

1.1. AGE LIMIT FOR CANDIDATES (as on closing date of advertisement)

Category	Age not exceeding
i) Un Reserved (UR) /EWS	28 years
ii) OBC (Non-creamy layer)	31 years
iii) SC/ST	33 years

iv) **Relaxation in upper age limit (As per Govt rules) :**
(a) Upto 10 years for PwD category candidates.
(b) The upper age limit is relaxable up to 5 years for serving Central Civilian Govt. employees working in posts which are in the same line or allied cadres only if a relationship could be established that the service already rendered in a particular post will be useful for the efficient discharge of the duties of the advertised posts.
(c) The upper age limit is relaxable for Ex-servicemen including Ex SSCOs/ECOs as per rules in vogue.

1.2. NATIONALITY

Only Indian nationals need apply.

2. HOW TO APPLY

i) Candidates are required to register online at the RAC website (https://rac.gov.in).
ii) On successful registration, the candidates may login before the closing date of the advertisement to fill the application form online. The candidates are required to upload the requisite certificates (See Para 3 for details), the details of the application fee payment (if not exempted) and lock the application before submission of the same.
iii) **Instructions for candidates working in Govt. or Govt Owned Organizations**

- All serving candidates (whether in permanent or temporary capacity) working in Government or in Government owned organizations (PSU/Joint venture, Government promoted societies and Government/Non-Government companies/Agencies/Entities where Government or Government promoted companies/Agencies/Entities have a combined controlling stake of 50% or more) are required to intimate to their Cadre Controlling Authority (CCA), in writing (as per format given on the website), that they have applied for the post in RAC's advertisement.
- In the intimation letter by the employed candidates to their CCA it should also be mentioned that the employer may communicate with RAC directly (at email: directrec.rac@gov.in) in case of any objection to their application for the post, or for any clarification needed.
- Such candidates will need to upload a copy of above-mentioned intimation letter to their CCA as well as a signed declaration for the same (as per format given on the website) **within seven days of the closing date of receipt of online applications**, failing which their application may be rejected. Apart from the requirement of uploading the copy of the intimation letter, **candidates will need to bring the copy of intimation letter at the time of interview.**
- Similarly, those candidates who join a Govt or Govt Owned organization at a later stage after the closing date of this advertisement are advised that it will be their responsibility to intimate their CCA about their application for the post in RAC's advertisement **as soon as possible** (and definitely **15 days in advance of their interview, if called for interview)**. This intimation letter by the employed candidate to their CCA should also mention that the employer may communicate with RAC directly (at email: directrec.rac@gov.in) in case of any objection to their application for the post, or for any clarification needed. **Candidates will need to bring the copy of intimation letter at the time of interview.**

iv) Candidates are advised to retain a copy of the online recruitment application (pdf format) after locking the online application form.
v) **Only locked/finalised applications in all respects shall be considered.**
vi) ***Points to be considered while filling Application form***

a) The GATE paper and the subject of qualifying degree of the candidates must be as per the discipline-wise table provided (Table 1).
b) Candidates are advised to be careful while filling their GATE score, as the short listing will be based on the score filled in the application form.
c) The scrutiny of application will only be done for those candidates who are above the cut off of GATE score, as per the norms of shortlisting specified in the advertisement. A wrongly filled GATE score may automatically result in candidate not getting shortlisted for scrutiny purposes also.
d) RAC may be verifying the GATE of the applicants, and if the verification requires any additional information at a later stage (apart from the information sought on the application form), the same will be asked from the candidate. Failing to furnish the required information when asked will make their candidature liable for cancellation.
e) On verification, if it is found that the candidate's GATE score (as filled by him/her) is false, then RAC reserves the right to initiate appropriate proceedings (including criminal proceeding) against the candidate.

3. DOCUMENTS TO BE UPLOADED ONLINE

i) Self attested certificates/testimonials regarding Date of Birth (Matriculation /High School Certificate or Birth Certificate issued by appropriate local authority), Essential Qualification degree along with mark-sheets (both front and reverse side), Conversion Formula (CGPA/CPI to Percentage), Caste, EWS status, Ex-serviceman, Disability, Employment in Central Govt.

For More Job News Visit : www.kpscvaani.com

civilian posts, etc. The maximum file size of each attachment should not exceed 500KB and it must be legible when a printout is taken.

ii) **The candidates who have appeared in final year examination may upload their degree/provisional degree certificate after the closing date of advertisement but latest by 31 August 2023 for which a provision will be made at the RAC website.**

iii) Candidates are required to submit the relevant affidavit if there is any mismatch in the name of self or parents as mentioned in the application form with any of the certificates/documents being uploaded.

iv) A recent passport size colour photograph (size not exceeding 30 KB; resolution of 110 x 140 pixels).

v) Scanned sample of candidate's signature.

vi) Valid GATE score card.

vii) The candidates, whether in Govt Service or in Govt owned organisations, should upload a copy of the intimation letter (as per the format available at RAC website) to their CCA that they have applied for the post in RAC's advertisement, as well as a signed declaration (as per the format available at RAC website) for the same. A provision will be made at the RAC website for such candidates to upload the copy of their intimation letter to their CCA and the signed declaration **within seven days of the closing date of receipt of online applications**.

4. APPLICATION FEE & MODE OF PAYMENT

General (UR), EWS and OBC male candidates are required to pay a non-transferable non-refundable application fee of Rs 100/- (Rs. One Hundred only) payable online only. There is no application fee for SC/ST/PwD and women candidates.

5. SCREENING/ SHORTLISTING

i) Eligible candidates will be shortlisted on the basis of GATE score in the ratio of 1:10 subject to their availability in order of discipline-wise category-wise merit list.

ii) The shortlisted candidates will be asked to confirm their willingness to appear for interview by a given deadline and subsequently select their choice of tentative interview date from the pre-defined calendar dates made available on the RAC website.

iii) The exact dates of interview will be finalized later by RAC and communicated to candidates.

For PwD candidates

i) Eligible PwD(HH), PwD(LD), PwD(AAV) and PwD(Dw) candidates will be shortlisted on the basis of GATE scores in the ratio of 1:10, for the seven vacancies reserved for them in the applicable disciplines.

ii) The shortlisted candidates will be asked to confirm their willingness to appear for interview by a given deadline and subsequently select their choice of tentative interview date from the pre-defined calendar dates made available on the RAC website.

iii) The exact dates of interview will be finalized later by RAC and communicated to candidates.

iv) Information regarding the shortlisted candidates will be made available at RAC website.

6. SELECTION PROCESS

i) The shortlisted candidates on the basis of the GATE scores will be required to appear in the Personal Interview to be held at Delhi or any other place as decided by RAC/ DRDO.

ii) The offer of appointment to the selected candidates will be restricted to the number of vacancies in order of merit. The appointment, however, will be subject to satisfying conditions like qualifying the Medical Examination prescribed for Group 'A' Technical posts of Govt. of India with Field Service liability and verification of character antecedents besides verification of SC/ST/OBC/EWS/PwD(HH)/PwD(LD)/PwD(AAV)/PwD(Dw) certificate etc, wherever applicable.

iii) Final result (customised for individual candidate) will be made available at RAC website (https://rac.gov.in).

7. SELECTION CRITERIA

i) The final selection of the candidates will be purely on the basis of discipline wise category wise merit of aggregate of 80% weightage of marks of GATE score and 20% weightage of marks in Personal Interview.

ii) The final selection of PwD(HH), PwD(LD), PwD(AAV/Dw) candidates against the vacancies reserved for them in the applicable disciplines will be purely on the basis of combined merit of aggregate of 80% weightage of GATE score and 20% weightage of marks in Personal Interview.

iii) Only those candidates securing minimum qualifying marks of 70% (for UR category) and 60% (for EWS/OBC/SC/ST/PwD category) in the Personal Interview will be considered for preparation of final merit list. Candidates who do not qualify the interview will not be considered for final selection irrespective of their GATE score.

iv) In addition to the above, any other selection tool/test may be administered, at the sole discretion of RAC.

8. LIABILITY TO SERVE

As per the Central Government Rules, selected candidates will have the liability to serve anywhere in India including remote/ field area locations.

9. CLOSING DATE

Online submission closes on 21 days from the date of activation of online registration link at the RAC website at 1700 Hrs (IST).

10. GENERAL INSTRUCTIONS

i) Online application submission link is available at RAC website (https://rac.gov.in)

ii) Detailed guidelines for submission of online application are available on RAC website (https://rac.gov.in).

iii) Those applications which are not locked/finalised by the candidates in accordance with the instructions will be automatically rejected by the computer system and no correspondence will be entertained in this regard. Therefore candidates are advised to submit/finalise the application carefully and enclose all necessary documents as applicable.

iv) The applicants should ensure their eligibility in respect of age, essential qualification etc.

v) No request with respect to the change in any data submitted by the candidates will be entertained once the closing date of online submission is over.

vi) The OBC (Non-creamy Layer) candidates are required to submit requisite certificate in prescribed format of Government of India, from a competent authority. The certificate must have been issued on or after 01 Apr 2023 and must be valid through the Financial Year 2023-24.

vii) The EWS candidates are required to submit requisite certificate (Income & Assets) in prescribed format of Government of India, from a competent authority. The certificate must have been issued on or after 01 Apr 2023 and must be valid through the Financial Year 2023-24.

viii) If at any stage before the interview, the certificates of candidates are not found to comply with the Terms & Conditions in the advertisement, they would not be allowed to appear for interview.

ix) Applicants are advised not to change their registered mobile number as vital information regarding their shortlisting/selection status will be intimated through SMS.

x) Shortlisted candidates shall be able to download their call letter for interview respectively along with its venue, date & time after successful registration through RAC website. Intimation in this regard shall be sent as SMS on the registered mobile number of the candidate. **Candidates may please note that the call letter for interview will not be sent by post/courier.**

xi) In case of difficulty faced by any candidate in finding accommodation for the purpose of appearing for interview, accommodation may be provided by RAC (on payment and first-cum-first-serve basis) subject to request by candidates at least seven days in advance (at e-mail: directrec.rac@gov.in)

xii) Candidates are advised to keep visiting RAC website (https://rac.gov.in) for updates issued from time to time.

xiii) The number of vacancies may vary.

xiv) Translation ambiguity, if any, can be resolved to the English version of the advertisement published in the Employment News.

xv) Dispute, if any, will be subject to the courts/tribunals having jurisdiction over Delhi only.

11. CAUTION

Misrepresentation or falsification of facts detected at any stage of the selection process or instances of misconduct/misbehaviour at any stage during selection process shall result in cancellation of candidature and debarment from future DRDO recruitment. No correspondence in this regard shall be entertained. Please note that RAC does not request for any payment at any stage of recruitment process except the application fee as mentioned at Para 4, as applicable. Candidates may note that no such demand, if any, should be entertained and the matter may be brought to the notice of the Chairman, RAC by e-mail, chairman.rac@gov.in or by post to The Chairman, RAC, DRDO, Lucknow Road, Timarpur, Delhi-110054). The identity of the candidate will be kept confidential.

12. IMPORTANT CONTACT DETAILS

i) For all queries related to applying online for this advertisement, please contact phone no. 011-23889528

ii) For any other queries related to this advertisement, please contact 011-23889508 or email at pro.recruitment@gov.in or directrec.rac@gov.in

For More Job News Visit : www.kpscvaani.com

Annexure 'A' of Advt. no. 145

Item No.	Subject/ Discipline	Equivalent acceptable subjects of Essential Qualification Degree
1	Electronics & Comm. Engg	1. Electronics & Communication Engg 2. Electronics Engg 3. Electronics & Computer Engg 4. Electronics & Control Engg 5. Electronics & Communication System Engg 6. Electronics & Instrumentation Engg 7. Electronics & Tele- Communication Engg 8. Electronics & Telematics Engg 9. Industrial Electronics Engg 10. Tele Communication Engg 11. Telecommunication & Information Tech 12. Applied Electronics & Instrumentation Engg 13. Electronics & Electrical Communication Engg 14. Electrical with Communication Engg 15. Radio Physics & Electronics 16. Electrical Engg 17. Electrical & Electronics Engg 18. Electronics & Communication Engg (Avionics) 19. Electronics (Design & Manufacturing Engg) 20. Any other relevant discipline with qualifying degree which mentions 'Electronics' as the main discipline
2	Mechanical Engg	1. Mechanical Engg 1. Mechanical & Automation Engg 2. Mechanical & Production Engg 3. Mechatronics Engg 4. Mechanical Engg with minor in Aerospace engineering 5. Mechanical (Automobile) 6. Mechanical & Automotive Engg 7. Mechanical with specialization in Automotive Engg 8. Mechanical with minor in CS & Engineering 9. Mechanical Engg (Manufacturing Engg) 10. Mechanical with specialization in Design Engg 11. Mechanical Engg with specialization in Design and Manufacturing 12. Mechanical with Energy Engineering 13. Mechanical with Specialization in Energy Engineering 14. Mechanical Engg - Smart Manufacturing 15. Mechanical stream – Production Engg 16. Mechanical Engg (Material Science and Nano technology) 17. Mechanical Engineering (Sandwich) 18. Mechanical Engg (Welding Technology) 19. Any other relevant discipline with qualifying degree which mentions 'Mechanical' as the main discipline

For More Job News Visit : www.kpscvaani.com

Annexure 'A' of Advt. no. 145

Item No.	Subject/ Discipline	Equivalent acceptable subjects of Essential Qualification Degree
3	Computer Science &Engg	1. Computer Science/ Engg/ Technology 2. Computer Science and Engg/Technology 3. Computer Science/Engg & Info Tech 4. Computer Science & System Engg 5. Software Engg/ Technology 6. Computer Science & Automation Engg/ Tech 7. Information Technology 8. Computer Science/Technology & Informatics Engg/Tech 9. Information Science & Engg/Technology 10. Computer & Communication Engg 11. Computer Networking 12. Computer Science and Engg with specialization in Big Data Analytics 13. Computer Science and Engg (Specialization : Cloud Computing and Virtualization Technology) 14. Computer Science & Engg (Specialization in Cyber Security) 15. Computer Science and Engg (Specialization in Oil and Gas Informatics) 16. Computer Science and Engg with specialization in Telecom Informatics 17. Information Technology & Mathematical Innovations 18. Any other relevant discipline with qualifying degree which mentions 'Computer Science' as the main discipline
4	Electrical Engg	1. Electrical Engg 2. Electrical Power System Engg 3. Electrical & Electronics Engg 4. Electrical & Renewable Energy Engg 5. Power Engg 6. Power Electronics Engg 7. Electronics & Electrical Communications Engg 8. Electrical with Communication Engg 9. Electrical, Electronics & Power 10. Electrical engg.(Power and Automation) 11. Any other relevant discipline with qualifying degree which mentions 'Electrical' as the main discipline
5	Material Engg/Material Science & Engg/ Metallurgical Engg	1. Metallurgy & Material Tech 2. Metallurgy/Metallurgical Engg 3. Materials Engg 4. Material Science & Engg 5. Material Science & Metallurgical Engg 6. Any other relevant discipline with qualifying degree which mentions 'Material Engg' or 'Material Science' or 'Metallurgy' as the main discipline

For More Job News Visit : www.kpscvaani.com

Annexure 'A' of Advt. no. 145

Item No.	Subject/ Discipline	Equivalent acceptable subjects of Essential Qualification Degree
6	Physics	1. Physics 2. Physics (Electronics) 3. Applied Physics 4. Solid State Physics 5. Computational Physics 6. Engineering Physics 7. Physics & Electronics 8. Basic Sciences with specialization in Physics 9. Physics (Nuclear Physics) 10. Any other relevant discipline with qualifying degree which mentions 'Physics' as the main discipline
7	Chemistry	1. Chemistry 2. Organic Chemistry 3. Inorganic Chemistry 4. Analytical Chemistry 5. Physical Chemistry 6. Applied Chemistry 7. Chemical Sciences 8. Chemistry with Inorganic specialization 9. Chemistry with Physical specialization 10. Any other relevant discipline with qualifying degree which mentions 'Chemistry' as the main discipline
8	Chemical Engg	1. Chemical Engg 2. Chemical Technology 3. Chemical Plant Engg 4. Applied Chemical & Polymer Technology 5. Polymer Science & Chemical Technology 6. Chemical Science & Technology 7. Any other relevant discipline with qualifying degree which mentions 'Chemical' as the main discipline
9	Aeronautical /Aerospace Engg	1. Aeronautical Engg 2. Aerospace Engg 3. Aerospace Engg (Avionics) 4. Any other relevant discipline with qualifying degree which mentions 'Aerospace' or 'Aeronautical' as the main discipline
10	Mathematics	1. Mathematics 2. Applied Mathematics 3. Mathematics & Computing 4. Mathematical Sciences 5. Any other relevant discipline with qualifying degree which mentions 'Mathematics' as the main discipline

For More Job News Visit : www.kpscvaani.com

Annexure 'A' of Advt. no. 145

Item No.	Subject/ Discipline	Equivalent acceptable subjects of Essential Qualification Degree
11	Civil Engg	1. Civil Engg 2. Civil & Structural Engg 3. Civil & Environmental Engg 4. Civil & Rural Engg 5. Civil & Water Management Engg 6. Civil & Infrastructure Engg 7. Construction Engg & Management 8. Any other relevant discipline with qualifying degree which mentions 'Civil' as the main discipline