

RECRUITMENT & ASSESSMENT CENTRE (RAC)

Lucknow Road, Timarpur, Delhi – 110054



ISO 9001 Certified
Advt. No. 140

DIRECT RECRUITMENT FOR THE POSTS OF SCIENTIST 'B' IN DRDO

Scientist 'B' in DRDO 579 vacancies (Including 51 Backlog vacancies for OBC/SC/ST)	Scientist 'B' in DST 8 vacancies	Scientist 'B' in ADA 12 vacancies
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Online Application is mandatory (Closing date: 21 days from advertisement date)

RAC invites online applications from graduate engineers and post graduates in Science including students who are appearing or have appeared and are likely to get final/provisional degree before the closing date through RAC website <https://rac.gov.in> for recruitment to the posts of Scientist 'B' in Defence Research and Development Organization (DRDO), Department of Science and Technology (DST) and Aeronautical Development Agency (ADA) (Rs.56,100/-) in specified disciplines and categories. Total emoluments (inclusive of HRA and all other allowances) at the time of joining will be fixed 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 posts in Defence Research and Development Service (DRDS) and offers exciting and challenging career opportunities in a broad spectrum of technologies at its various establishments located across the country. For further information about DRDO, please visit DRDO website <https://drdo.gov.in>

ADA, Bengaluru, is an autonomous body under Ministry of Defence, Government of India entrusted with the design & development of defence equipment and services. ADA provides challenging career opportunities and excellent working environment. The candidates selected against the advertisement for Scientist/Engineer 'B' and will not be part of DRDS. For further information about ADA, please visit ADA website <https://ada.gov.in>

DST, Govt of India, is primarily entrusted with the responsibility of the formulation of S&T policies and their implementation; dissemination of information in different sectors of S&T; technology information, forecasting and assessment; international collaboration; organizing, coordinating and conducting research. For further information about DST, please visit DST website www.dst.gov.in

Table 1 given below shows discipline-wise details of vacancies and is divided into 2 parts – Part 1 (3 disciplines), Part-II (14 disciplines)

Table1 (Part-I): The recruitment in the disciplines mentioned below will be based on valid GATE score, a Written Examination and Interview.

Item No.	Subject/ Discipline	Organi- zation	No. of Vacancies						Total	Details of corresponding Essential Qualification (EQ) & Graduate Aptitude Test in Engineering (GATE)	
			UR	EWS	OBC	SC	ST				
1	Electronics & Comm. Engg	DRDO	54	13	37 + 4@	20 + 2@	11 + 2@	135 + 8@	Essential Qualification (EQ)#: At least First Class Bachelor's Degree in Engineering or Technology in Electronics & Communication Engg from a recognized university or equivalent. Applicants must also fulfil ONE of the following additional requirements: 1. GATE Qualification: Valid GATE score in Electronics & Communication Engg [Paper code: EC] 2. Minimum 80% aggregate marks in EQ degree, if done from an Indian Institute of Technology (IIT) or National Institute of Technology (NIT).	1. Ele 2. Ele 3. Ele 4. Ele 5. Ele 6. Ele 7. Ele 8. Ele 9. Inc 10. Te 11. Te 12. Ap 13. Ele 14. Ele 15. Ra 16. Ele 17. Ele 18. Ele	
		ADA	6	1	3	1	1	12			
		DST	-	-	-	2	-	2			
2	Mechanical Engg	DRDO	52	14	35 + 4@	21 + 7@	10 + 1@	132+ 12@	Essential Qualification (EQ)#: At least First Class Bachelor's Degree in Engineering or Technology in Mechanical Engg from a recognized university or equivalent. Applicants must also fulfil ONE of the following	1. Me 2. Me 3. Me	
		ADA	8	1	5	2	1	17			

Table 1 (Part-II) : The recruitment in the disciplines mentioned below will be based on valid GATE score and Personal Interview

Item No.	Subject/ Discipline	Organi- zation	No. of Vacancies						Details of corresponding Essential Qualification (EQ) & Graduate Aptitude Test in Engineering (GATE)	
			UR	EWS	OBC	SC	ST	Total		
4	Electrical Engg	DRDO	9	3	7+ 1@	4 + 2@	2 + 2@	25 + 5@	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]	1. Ele 2. Ele 3. Ele 4. Ele 5. Pov 6. Pov 7. Ele 8. Ele
		ADA	1	-	-	1	-	2		
		DST	-	-	-	-	1	1		
5	Material Science & Engg/ Metallurgical Engg*	DRDO	9	-	4	1 + 1@	1	15 + 1@	Essential Qualification#: At least Firs 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]	1. M 2. M 3. M 4. M 5. M
6	Physics*	DRDO	10	3	6 + 1@	5	2@	24 + 3@	Essential Qualification#: At least First Class Master's Degree in Physics from a recognised university or equivalent. GATE Qualification : Valid GATE score in Physics [Paper code : PH]	1. Phy 2. Phy 3. App 4. Sol 5. Cor 6. Eng 7. Phy
7	Chemistry*	DRDO	9	3	6	4	3	25	Essential Qualification#: At least First Class Master's Degree in Chemistry from a recognised university or equivalent. GATE Qualification: Valid GATE score in Chemistry [Paper code : CY]	1. Che 2. Org 3. Ino 4. Ana 5. Phy 6. App
8	Chemical Engg	DRDO	5	2	5 + 3@	2 + 1@	2	16 + 4@	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]	1. Che 2. Che 3. Che 4. App 5. Pol 6. Che
		DST	-	-	1	-	-	1		
9	Aeronautical Engg	DRDO	9	2	6	3 + 1@	2	22 + 1@	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]	1. Aer 2. Aer 3. Aer
		ADA	2	1	2	1	1	7		
10	Mathematics*	DRDO	3	1	2	1	-	7	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]	1. Ma 2. App 3. Ma
11	Civil Engg*	DRDO	2	1	2 + 2@	1 + 1@	1@	6 + 4@	Essential Qualification#: At least First Class Bachelor's Degree in Engineering or Technology in Civil Engg from a recognized	1. Civi 2. Civi 3. Civi 4. Civi

Item No.	Subject/ Discipline	Organi- zation	No. of Vacancies						Total	Details of corresponding Essential Qualification (EQ) & Graduate Aptitude Test in Engineering (GATE)	
			UR	EWS	OBC	SC	ST	Total			
14	Naval Architecture*	DRDO	2	-	-	1	-	3	Essential Qualification#: At least First Class Bachelor's Degree in Engineering or Technology in Naval Architecture from a recognized university or equivalent. GATE Qualification : Valid GATE score in Naval Architecture & Marine Engg [Paper code: NM]	1. Nav 2. Nav 3. Nav 4. Nav 5. Nav 6. Mar 7. Oce	
15	Environmental Science & Engineering	DST	1	-	-	-	-	1	Essential Qualification#: At least First Class Bachelor's Degree in Engineering or Technology in Environmental Science & Engineering from a recognized university or equivalent. GATE Qualification : Valid GATE score in Environmental Science & Engg [Paper code : ES]	1. Ene 2. Env 3. Civi 4. Civi 5. Ene 6. Env 7. Ren Engg 8. Env	
16	Atmospheric Science*	DRDO	-	-	-	-	1 [@]	1 [@]	Essential Qualification#: At least First Class Master's Degree in Atmospheric Science from a recognised university or equivalent. GATE Qualification : Valid GATE score in Engineering Sciences [Paper code : XE]	1. Atm 2. Me 3. Clin 4. Atm 5. Clin	
17	Microbiology*	DRDO	1	-	1	-	1	3	Essential Qualification#: At least First Class Master's Degree in Microbiology from a recognised university or equivalent. GATE Qualification : Valid GATE score in Life Sciences [Paper code: XL]	1. Mic	
18	Biochemistry*	DRDO	1	-	1	-	-	2	Essential Qualification#: At least First Class Master's Degree in Biochemistry from a recognised university or equivalent. GATE Qualification : Valid GATE score in Life Sciences [Paper code: XL]	1. Bio	
TOTAL		DRDO	214	53	142 + 21[@]	79 + 19[@]	40 + 11[@]	528 + 51[@]			
		ADA	19	4	11	6	3	43			
		DST	3	-	1	2	2	8			

#: a) Candidates who do not have First Class/Division in EQ degree can apply against the vacancies of DST only.

b) Candidates having their EQ degree from foreign universities should obtain equivalence certificate from 'Association of India' on or before the closing date of receipt of applications.

c) In case a particular institute does not have any criteria for First Class or equivalent, 60% marks will be taken as equivalent 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 10 point scale the first class CGPA/CPI (6.75) will be converted proportionately.

@ : 51 out of the total vacancies of DRDO are Backlog vacancies of OBC (21 vacancies), SC (19 vacancies), ST (11 vacancies).

*: a) Thirteen out of the 579 vacancies of DRDO are reserved for Persons with Disabilities (PwD) in the following categories:

- Four (2 backlog+ 2 fresh) vacancies for PwD-Hearing Handicapped (HH) category, in the * marked disciplines.

- Three (1 backlog + 2 fresh) vacancies for PwD-Locomotor Disability (LD) category including Leprosy cured (OL, OA), Acid A in the * marked disciplines.

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) 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) **need to upload a signed declaration** as per format given on the web site that they have informed in writing to their Cadre Controlling Authority (CCA) that they have applied for the post in RAC, DRDO and in case of any objection, the employer may communicate with RAC (at email: directrec.rac@gov.in) directly within 15 days of the closing date of online registration. The candidates will be required to produce a copy of proof of their communication with their employer (intimation/acknowledgement) regarding their application for the post at the time of interview. **Candidates should note that in case a communication is received from their employer by RAC withholding permission to the candidates applying for the posts, their candidature will be liable for cancellation.**
- 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 score 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 civilian posts, etc. The maximum file size of each attachment should not exceed 500KB and it must be legible when a printout is taken.

(b) Candidates who appear for the examination and are shortlisted for Personal Interview will be selected on the basis of merit list prepared on the basis of marks in the examination.

- ii) ***For Subjects/Disciplines under Part-I***

Eligible candidates will be shortlisted on the basis of GATE score in the order of discipline-wise category wise merit.
- iii) Eligible PwD(HH), PwD(LD), PwD(VH) candidates will be shortlisted for Personal Interview on the basis of merit list prepared on the basis of thirteen vacancies reserved for PwD(HH) and PwD(LD) under Part-I and Part-II.
- iv) Information regarding the shortlisting will be available on the RAC website.

6. DETAILS OF WRITTEN EXAMINATION

- i) Tentatively, the Written Examination will be conducted in seven cities (Bengaluru, Chennai, Delhi, Hyderabad, Kolkata, Mumbai, Pune) as well as at other convenient locations. Candidates are required to indicate their preferred examination centre in the online application form. RAC reserves the right to change the examination centre for convenience.
- ii) The Written Examination will be conducted in seven cities (Bengaluru, Chennai, Delhi, Hyderabad, Kolkata, Mumbai, Pune) as well as at other convenient locations. Candidates are required to indicate their preferred examination centre in the online application form. RAC reserves the right to change the examination centre for convenience.
- iii) The Written Examination is likely to be conducted in seven cities (Bengaluru, Chennai, Delhi, Hyderabad, Kolkata, Mumbai, Pune) as well as at other convenient locations. Candidates are required to indicate their preferred examination centre in the online application form. RAC reserves the right to change the examination centre for convenience.

7. SELECTION PROCESS

- i) The shortlisted candidates on the basis of merit list prepared on the basis of marks in the examination will be required to appear for the Written Examination at Delhi or any other place as convenient.
- ii) The offer of appointment to the candidates will be based on the number of vacancies in order of merit. The selection will be subject to satisfying conditions prescribed for Group 'A' Technical posts. The candidates will be liable and verification of caste/SC/ST/OBC/EWS/PwD(HH)/PwD(LD) will be done wherever applicable.
- iii) Final result (customised for individual candidates) will be available on RAC website (<https://rac.gov.in>).

8. SELECTION CRITERIA

- i) ***For Subjects/Disciplines under Part-I***

The final selection of the candidates will be based on the order of merit list prepared on the basis of marks in the examination and 20% weightage of marks in the examination.
- ii) ***For Subjects/Disciplines under Part-II***

The final selection of the candidates will be based on the order of merit list prepared on the basis of marks in the examination and 20% weightage of marks in the examination.
- iii) The final selection of PwD(HH) candidates will be based on the order of merit list prepared on the basis of marks in the examination and 20% weightage of marks in the examination.

11. GENERAL INSTRUCTIONS

- i) Online application submission link is available at RAC website (<https://rac.gov.in>)
- ii) 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.**
- iii) The applicants should ensure their eligibility in respect of age, essential qualification etc.
- iv) 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.
- v) 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 2022 and must be valid through the Financial Year 2022-23.
- vi) 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 2022 and must be valid through the Financial Year 2022-23.
- vii) Applicants are advised not to change their registered mobile number as vital information regarding their shortlisting/selection status will be intimated through SMS.
- viii) **Shortlisted candidates shall be able to download their admit card for the Written Examination (Only for Part-I disciplines) /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 admit card for the Written Examination/call letter for interview will not be sent by post/courier.**
- ix) Detailed guidelines for submission of online application are available on RAC website (<https://rac.gov.in>).
- x) Candidates are advised to keep visiting RAC website (<https://rac.gov.in>) for updates issued from time to time.
- xi) The number of vacancies may vary.
- xii) Translation ambiguity, if any, can be resolved to the English version of the advertisement published in the Employment News.
- xiii) Dispute, if any, will be subject to the courts/tribunals having jurisdiction over Delhi only.

12. 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.

13. IMPORTANT CONTACT DETAILS

For all queries related to applying online for this advertisement, please